



Design Life Cycle Inventory

One Brighton Multi res , 11 Smith St

Assessed by : Pat Hermon

Certified by : Pat Hermon

21 April 2016

People and Equipment

Equipment Name	Category	Description	Units	Initial Quantity	Recurring Quantity
Trade Staff (Small Electrical Equipment)	Services equipment	Electrician	hrs	1730	6,920
Trench Digger / Dingo	Services equipment	Services trench	hrs	397.9	795.8
Trade Staff (Small Electrical Equipment)	Services equipment	Plumber, installation from stret	hrs	4774.8	9,549.6
Trench Digger / Dingo	Services equipment	Services trench	hrs	18.4306666666667	36.86
Trade Staff (Small Electrical Equipment)	Services equipment	Plumber, installation from stret	hrs	221.168	442.34
Trench Digger / Dingo	Services equipment	Trenching	hrs	324.375	648.75
Trade Staff (Small Electrical Equipment)	Services equipment	Connection and Installation	hrs	1730	3,460
Trench Digger / Dingo	Services equipment	Trenching	hrs	22.5375	45.08
Trade Staff (Small Electrical Equipment)	Services equipment	Connection and Installation	hrs	120.2	240.4
Trade Staff (Small Electrical Equipment)	Services equipment	Electrician	hrs	400.666666666667	1,602.67
Trade Staff (Small Electrical Equipment)	Services equipment	Electrician	hrs	865	3,460
Trade Staff (Small Electrical Equipment)	Fittings, furnishings and equipment	Electrician Fit Lights	hrs	661.828125	3,970.97
Trade Staff (No Equipment, labour transport only)	Fittings, furnishings and equipment	Change Light Bulbs	hrs	117.658333333333	705.95
Trade Staff (Small Electrical Equipment)	Fittings, furnishings and equipment	Electrician Fit Lights	hrs	192.36328125	1,154.18
Trade Staff (No Equipment, labour transport only)	Fittings, furnishings and equipment	Change Light Bulbs	hrs	34.1979166666667	820.75
Trade Staff (Small Electrical Equipment)	Services equipment	Plumber for HWS installation	hrs	144	1,440
Offsite Manufacturing / Prefabrication Process	Services equipment	Hot Water Unit Assembly	hrs	144	1,440
Trade Staff (Large Elect Equipment)	Services equipment	Install Lift	hrs	460.8	1,843.2
Trade Staff (Small Electrical Equipment)	Services equipment	Service lift	hrs	38.4	7,680
Trade Staff (Small Electrical Equipment)	Services equipment	Install lift housing, doors, controls	hrs	288	0
Trade Staff (Small Electrical Equipment)	Services equipment	Service lift	hrs	96	19,200
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Sealer	hrs	395.745	791.49
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Undercoat	hrs	395.745	2,374.47
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Final Coat	hrs	395.745	5,144.69
Trade Staff (Small Electrical Equipment)	Internal finishes	Carpenter Install Skirting Boards	hrs	395.745	791.49
Trade Staff (Small Electrical Equipment)	Internal finishes	Plasterer / Gyprocker Install Cornices	hrs	395.745	791.49
Trade Staff (Small Electrical Equipment)	Internal finishes	Plasterer	hrs	1978.725	3,957.45
Trade Staff (Small Electrical Equipment)	External walls	Painter	hrs	395.745	3,957.45
Trade Staff (No Equipment, labour transport only)	External walls	Lay and mix bricks and mortar	hrs	2493.1935	0
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Sealer	hrs	117.39	234.78
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Undercoat	hrs	117.39	704.34
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Final Coat	hrs	117.39	1,526.07
Trade Staff (Small Electrical Equipment)	Internal finishes	Carpenter Install Skirting Boards	hrs	117.39	234.78
Trade Staff (Small Electrical Equipment)	Internal finishes	Plasterer / Gyprocker Install Cornices	hrs	117.39	234.78
Trade Staff (Small Electrical Equipment)	Internal finishes	Plasterer	hrs	586.95	1,173.9
Trade Staff (No Equipment, labour transport only)	External walls	Lay and mix bricks and mortar	hrs	739.557	0
Trade Staff (Small Electrical Equipment)	External walls	Install Tile Cladding and fixing rails	hrs	1291.29	2,582.58
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Sealer	hrs	158.865	317.73
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Undercoat	hrs	158.865	953.19
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Final Coat	hrs	158.865	2,065.24

Trade Staff (Small Electrical Equipment)	Internal finishes	Carpenter Install Skirting Boards	hrs	158.865	317.73
Trade Staff (Small Electrical Equipment)	Internal finishes	Plasterer / Gyprocker Install Cornices	hrs	158.865	317.73
Trade Staff (Small Electrical Equipment)	Internal finishes	Plasterer	hrs	794.325	1,588.65
Trade Staff (No Equipment, labour transport only)	External walls	Lay and mix bricks and mortar	hrs	1000.8495	0
Trade Staff (Small Electrical Equipment)	External walls	Install Timber Cladding and battens	hrs	1286.8065	2,573.61
Trade Staff (No Equipment, labour transport only)	External walls	Finish timber panels	hrs	47.6595	190.64
Trade Staff (Small Electrical Equipment)	External walls	Concreter	hrs	86.436	0
Trade Staff (Small Electrical Equipment)	Substructure	Concreter - Install Rio	hrs	10.29	0
Trade Staff (Small Electrical Equipment)	External walls	Bricklayer - brickwork	hrs	164.64	0
Trade Staff (Large Elect Equipment)	External walls	Labourer and mixer - brickwork	hrs	115.248	0
Trade Staff (Small Electrical Equipment)	Substructure	Concreter - Install and remove formwork	hrs	43.218	0
Trade Staff (Small Electrical Equipment)	External walls	Lay Insulation boards	hrs	41.16	0
Trade Staff (Small Electrical Equipment)	External walls	Install Tile Cladding and fixing rails	hrs	226.38	452.76
Trade Staff (Small Electrical Equipment)	Substructure	Concreter - Install Rio	hrs	3.4125	0
Trade Staff (Small Electrical Equipment)	Internal finishes	Plasterer	hrs	143.325	286.65
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Sealer	hrs	19.7925	39.59
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Undercoat	hrs	19.7925	118.76
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Final Coat	hrs	19.7925	257.3
Trade Staff (Small Electrical Equipment)	Internal finishes	Carpenter Install Skirting Boards	hrs	30.7125	61.42
Trade Staff (Small Electrical Equipment)	Internal finishes	Plasterer Install Cornices	hrs	34.125	68.25
Trade Staff (Small Electrical Equipment)	External walls	Bricklayer - brickwork	hrs	273	0
Trade Staff (Large Elect Equipment)	External walls	Labourer and mixer - brickwork	hrs	191.1	0
Trade Staff (Small Electrical Equipment)	Internal finishes	Plasterer - Apply bonding agent to raw surface	hrs	17.0625	34.12
Trade Staff (Small Electrical Equipment)	External walls	Painter 1st Coat	hrs	19.7925	39.59
Trade Staff (Small Electrical Equipment)	External walls	Painter - 2nd Coat	hrs	19.7925	118.76
Trade Staff (Small Electrical Equipment)	External walls	Painter - Final Coat	hrs	19.7925	197.93
Concrete Pump	Substructure	Pour foundations, Concrete Pump (50m3 / hr)	hrs	0.318045	0
Trade Staff (Small Electrical Equipment)	Substructure	Concreter	hrs	4.893	0
Trade Staff (Small Electrical Equipment)	Substructure	Concreter - Install Rio	hrs	2.4465	0
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Sealer	hrs	14.1897	28.38
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Undercoat	hrs	14.1897	85.14
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Final Coat	hrs	14.1897	184.47
Trade Staff (Small Electrical Equipment)	External walls	Bricklayer - brickwork	hrs	195.72	0
Trade Staff (Large Elect Equipment)	External walls	Labourer and mixer - brickwork	hrs	137.004	0
Trade Staff (Small Electrical Equipment)	Substructure	Concreter - Install and remove formwork	hrs	51.3765	0
Trade Staff (Small Electrical Equipment)	External walls	Painter 1st Coat	hrs	14.1897	28.38
Trade Staff (Small Electrical Equipment)	External walls	Painter - 2nd Coat	hrs	14.1897	85.14
Trade Staff (Small Electrical Equipment)	External walls	Painter - Final Coat	hrs	14.1897	141.9
Trade Staff (Small Electrical Equipment)	External walls	Install Timber Cladding and battens	hrs	198.1665	396.33
Trade Staff (No Equipment, labour transport only)	External walls	Finish timber panels	hrs	7.3395	29.36
Offsite Manufacturing / Prefabrication Process	External walls	Offsite manufacturing of ballustrade	hrs	284.55	284.55
Trade Staff (Small Electrical Equipment)	External walls	Install Ballustrade	hrs	853.65	853.65
Trade Staff (Small Electrical Equipment)	External walls	Install Timber Cladding and battens	hrs	460.971	921.94
Trade Staff (No Equipment, labour transport only)	External walls	Finish timber panels	hrs	17.073	68.29
Trade Staff (Small Electrical Equipment)	External walls	Install Windows	hrs	335.8	335.8
Concrete Pump	Substructure	Pour foundations, Concrete Pump (50m3 / hr)	hrs	0.787605	0
Trade Staff (Small Electrical Equipment)	Substructure	Concreter	hrs	12.117	0
Trade Staff (Small Electrical Equipment)	Substructure	Concreter - Install Rio	hrs	6.0585	0
Trade Staff (Small Electrical Equipment)	Internal finishes	Plasterer	hrs	254.457	508.91
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Sealer	hrs	35.1393	70.28
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Undercoat	hrs	35.1393	210.84
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Final Coat	hrs	35.1393	456.81
Trade Staff (Small Electrical Equipment)	Internal finishes	Carpenter Install Skirting Boards	hrs	54.5265	109.05
Trade Staff (Small Electrical Equipment)	Internal finishes	Plasterer Install Cornices	hrs	60.585	121.17
Trade Staff (Small Electrical Equipment)	External walls	Bricklayer - brickwork	hrs	484.68	0
Trade Staff (Large Elect Equipment)	External walls	Labourer and mixer - brickwork	hrs	339.276	0
Trade Staff (Small Electrical Equipment)	Substructure	Concreter - Install and remove formwork	hrs	127.2285	0
Trade Staff (Small Electrical Equipment)	Internal finishes	Plasterer - Apply bonding agent to raw surface	hrs	30.2925	60.59
Trade Staff (Small Electrical Equipment)	External walls	Painter 1st Coat	hrs	35.1393	70.28
Trade Staff (Small Electrical Equipment)	External walls	Painter - 2nd Coat	hrs	35.1393	210.84
Trade Staff (Small Electrical Equipment)	External walls	Painter - Final Coat	hrs	35.1393	351.39
Trade Staff (Small Electrical Equipment)	External walls	Install Windows	hrs	1085.6	2,171.2
Trade Staff (Small Electrical Equipment)	Lowest floor construction	Lay rubber floors	hrs	391.482	1,174.45
Trade Staff (Small Electrical Equipment)	Internal finishes	Carpet Layer	hrs	350.76	3,507.6
Trade Staff (Small Electrical Equipment)	Internal finishes	Tiler	hrs	209	209
Trade Staff (Small Electrical Equipment)	Lowest floor construction	Lay flooring	hrs	1476.115	5,904.46

Trade Staff (Small Electrical Equipment)	Lowest floor construction	Lay flooring	hrs	584.285	2,337.14
Trade Staff (Small Electrical Equipment)	Internal finishes	Carpet Layer	hrs	245.76	2,457.6
Concrete Pump	Lowest floor construction	Concrete pump	hrs	0.396	0
Trade Staff (Small Electrical Equipment)	Lowest floor construction	Install and remove formwork	hrs	27.72	0
Trade Staff (Small Electrical Equipment)	Lowest floor construction	Grano workers, lay slab	hrs	47.52	0
Trade Staff (Small Electrical Equipment)	Lowest floor construction	Install rio	hrs	9.9	0
Trade Staff (Small Electrical Equipment)	Lowest floor construction	Finish Concrete Stairs	hrs	30.888	0
Large Electrical Equipment (eg mixer)	Fittings, furnishings and equipment	Fabricate / Install Ballustrade	hrs	198	0
Trade Staff (Small Electrical Equipment)	Internal finishes	Prep and Floor Coating Application	hrs	38.88	388.8
Trade Staff (Large Elect Equipment)	Internal finishes	Grind Floor	hrs	38.88	77.76
Concrete Pump	Lowest floor construction	Pour Slab, Concrete Pump (10m3 / hr)	hrs	183.458	0
Trade Staff (Small Electrical Equipment)	Lowest floor construction	Concreter	hrs	1834.58	0
Trade Staff (Small Electrical Equipment)	Lowest floor construction	Concreter - Install Rio	hrs	183.458	0
Trade Staff (Small Electrical Equipment)	Lowest floor construction	Concreter install formwork	hrs	3669.16	0
Trade Staff (Small Electrical Equipment)	Lowest floor construction	Assemble Decking	hrs	546.25	546.25
Trade Staff (Small Electrical Equipment)	External walls	Treat timber decking	hrs	54.625	546.25
Trade Staff (Small Electrical Equipment)	Roof	Lay Insulation	hrs	91.059875	91.06
Trade Staff (Small Electrical Equipment)	Roof	Mop down bitumen	hrs	45.502625	0
Large Electrical Equipment (eg mixer)	Roof	Bitumen container heated	hrs	136.5625	0
Trade Staff (Small Electrical Equipment)	Roof	Lay Bitumen	hrs	20.129025	0
Large Electrical Equipment (eg mixer)	Roof	Heated Bitumen container	hrs	38.64	0
Trade Staff (Small Electrical Equipment)	Roof	Lay stones	hrs	7.245	0
Trade Staff (Small Electrical Equipment)	Roof	Lay EPS	hrs	20.129025	20.13
Trade Staff (Small Electrical Equipment)	Lowest floor construction	Assemble Decking	hrs	464.6	464.6
Trade Staff (Small Electrical Equipment)	External walls	Treat timber decking	hrs	46.46	464.6
Trade Staff (Small Electrical Equipment)	Roof	Lay Insulation	hrs	77.44882	77.45
Trade Staff (Small Electrical Equipment)	Roof	Mop down bitumen	hrs	38.70118	0
Large Electrical Equipment (eg mixer)	Roof	Bitumen container heated	hrs	116.15	0
Trade Staff (Small Electrical Equipment)	Roof	Ceiling Installation	hrs	271.744	543.49
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Prep and Undercoat	hrs	169.84	679.36
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Prep and Final Coat	hrs	849.2	5,095.2
Trade Staff (Small Electrical Equipment)	External walls	Installation of Door	hrs	497.375	994.75
Trade Staff (Small Electrical Equipment)	Internal finishes	Door and Frame Painter Internal	hrs	99.475	596.85
Trade Staff (Small Electrical Equipment)	External walls	Door and Frame Painter External	hrs	99.475	596.85
Trade Staff (Small Electrical Equipment)	External walls	Installation of Door	hrs	3887	7,774
Trade Staff (Small Electrical Equipment)	Internal finishes	Door Painter	hrs	1554.8	9,328.8
Concrete Pump	Substructure	Pour foundations, Concrete Pump (50m3 / hr)	hrs	0.15561	0
Trade Staff (Small Electrical Equipment)	Substructure	Concreter	hrs	2.394	0
Trade Staff (Small Electrical Equipment)	Substructure	Concreter - Install Rio	hrs	1.197	0
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Sealer	hrs	6.9426	13.89
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Undercoat	hrs	6.9426	41.66
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Final Coat	hrs	6.9426	90.25
Trade Staff (Small Electrical Equipment)	External walls	Bricklayer - brickwork	hrs	95.76	0
Trade Staff (Large Elect Equipment)	External walls	Labourer and mixer - brickwork	hrs	67.032	0
Trade Staff (Small Electrical Equipment)	Substructure	Concreter - Install and remove formwork	hrs	25.137	0
Trade Staff (Small Electrical Equipment)	External walls	Painter 1st Coat	hrs	6.9426	13.89
Trade Staff (Small Electrical Equipment)	External walls	Painter - 2nd Coat	hrs	6.9426	41.66
Trade Staff (Small Electrical Equipment)	External walls	Painter - Final Coat	hrs	6.9426	69.43
Concrete Pump	Substructure	Pour foundations, Concrete Pump (50m3 / hr)	hrs	0.225225	0
Trade Staff (Small Electrical Equipment)	Substructure	Concreter	hrs	3.465	0
Trade Staff (Small Electrical Equipment)	Substructure	Concreter - Install Rio	hrs	1.7325	0
Trade Staff (Small Electrical Equipment)	Internal finishes	Plasterer	hrs	72.765	145.53
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Sealer	hrs	10.0485	20.1
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Undercoat	hrs	10.0485	60.29
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Final Coat	hrs	10.0485	130.63
Trade Staff (Small Electrical Equipment)	Internal finishes	Carpenter Install Skirting Boards	hrs	15.5925	31.18
Trade Staff (Small Electrical Equipment)	Internal finishes	Plasterer Install Cornices	hrs	17.325	34.65

Trade Staff (Small Electrical Equipment)	External walls	Bricklayer - brickwork	hrs	138.6	0
Trade Staff (Large Elect Equipment)	External walls	Labourer and mixer - brickwork	hrs	97.02	0
Trade Staff (Small Electrical Equipment)	Substructure	Concreter - Install and remove formwork	hrs	36.3825	0
Trade Staff (Small Electrical Equipment)	Internal finishes	Plasterer - Apply bonding agent to raw surface	hrs	8.6625	17.32
Trade Staff (Small Electrical Equipment)	External walls	Painter 1st Coat	hrs	10.0485	20.1
Trade Staff (Small Electrical Equipment)	External walls	Painter - 2nd Coat	hrs	10.0485	60.29
Trade Staff (Small Electrical Equipment)	External walls	Painter - Final Coat	hrs	10.0485	100.49
Concrete Pump	Substructure	Pour foundations, Concrete Pump (50m3 / hr)	hrs	0.105105	0
Trade Staff (Small Electrical Equipment)	Substructure	Concreter	hrs	1.617	0
Trade Staff (Small Electrical Equipment)	Substructure	Concreter - Install Rio	hrs	0.8085	0
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Sealer	hrs	4.6893	9.38
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Undercoat	hrs	4.6893	28.14
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Final Coat	hrs	4.6893	60.96
Trade Staff (Small Electrical Equipment)	External walls	Bricklayer - brickwork	hrs	64.68	0
Trade Staff (Large Elect Equipment)	External walls	Labourer and mixer - brickwork	hrs	45.276	0
Trade Staff (Small Electrical Equipment)	Substructure	Concreter - Install and remove formwork	hrs	16.9785	0
Trade Staff (Small Electrical Equipment)	External walls	Painter 1st Coat	hrs	4.6893	9.38
Trade Staff (Small Electrical Equipment)	External walls	Painter - 2nd Coat	hrs	4.6893	28.14
Trade Staff (Small Electrical Equipment)	External walls	Painter - Final Coat	hrs	4.6893	46.89
Concrete Pump	Substructure	Pour foundations, Concrete Pump (50m3 / hr)	hrs	0.58695	0
Trade Staff (Small Electrical Equipment)	Substructure	Concreter	hrs	9.03	0
Trade Staff (Small Electrical Equipment)	Substructure	Concreter - Install Rio	hrs	4.515	0
Trade Staff (Small Electrical Equipment)	Internal finishes	Plasterer	hrs	189.63	379.26
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Sealer	hrs	26.187	52.37
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Undercoat	hrs	26.187	157.12
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Final Coat	hrs	26.187	340.43
Trade Staff (Small Electrical Equipment)	Internal finishes	Carpenter Install Skirting Boards	hrs	40.635	81.27
Trade Staff (Small Electrical Equipment)	Internal finishes	Plasterer Install Cornices	hrs	45.15	90.3
Trade Staff (Small Electrical Equipment)	External walls	Bricklayer - brickwork	hrs	361.2	0
Trade Staff (Large Elect Equipment)	External walls	Labourer and mixer - brickwork	hrs	252.84	0
Trade Staff (Small Electrical Equipment)	Substructure	Concreter - Install and remove formwork	hrs	94.815	0
Trade Staff (Small Electrical Equipment)	Internal finishes	Plasterer - Apply bonding agent to raw surface	hrs	22.575	45.15
Trade Staff (Small Electrical Equipment)	External walls	Painter 1st Coat	hrs	26.187	52.37
Trade Staff (Small Electrical Equipment)	External walls	Painter - 2nd Coat	hrs	26.187	157.12
Trade Staff (Small Electrical Equipment)	External walls	Painter - Final Coat	hrs	26.187	261.87
Trade Staff (Small Electrical Equipment)	Internal finishes	Plasterer - Install Plasterboard	hrs	1794.87	3,589.74
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Undercoat	hrs	347.0082	2,082.05
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Final Coat	hrs	347.0082	4,511.11
Trade Staff (Small Electrical Equipment)	Internal finishes	Carpenter Install Skirting Boards	hrs	299.145	0
Trade Staff (Small Electrical Equipment)	Internal finishes	Plasterer Install Cornices	hrs	598.29	1,196.58
Trade Staff (Small Electrical Equipment)	External walls	Carpenter - Plates	hrs	777.777	0
Trade Staff (Small Electrical Equipment)	External walls	Carpenter - Studs	hrs	1316.238	0
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Sealer	hrs	347.0082	694.02
Trade Staff (Small Electrical Equipment)	External walls	Painter - Sealer	hrs	347.0082	694.02
Trade Staff (Small Electrical Equipment)	External walls	Painter - Undercoat	hrs	347.0082	2,082.05
Trade Staff (Small Electrical Equipment)	External walls	Painter - Final Coat	hrs	347.0082	3,470.08
Trade Staff (Small Electrical Equipment)	External walls	External Cladding	hrs	1914.528	3,829.06
Concrete Pump	Substructure	Pour foundations, Concrete Pump (50m3 / hr)	hrs	12.92655	0
Trade Staff (Small Electrical Equipment)	Substructure	Concreter	hrs	258.531	0
Trade Staff (Small Electrical Equipment)	Substructure	Concreter - Install Rio	hrs	129.2655	0
Trade Staff (Small Electrical Equipment)	Internal finishes	Plasterer - Install Plasterboard	hrs	3877.965	7,755.93
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Undercoat	hrs	749.7399	4,498.44
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Final Coat	hrs	749.7399	9,746.62
Trade Staff (Small Electrical Equipment)	Internal finishes	Carpenter Install Skirting Boards	hrs	646.3275	0
Trade Staff (Small Electrical Equipment)	Internal finishes	Plasterer Install Cornices	hrs	1292.655	2,585.31
Trade Staff (Small Electrical Equipment)	External walls	Carpenter - Plates	hrs	1680.4515	0
Trade Staff (Small Electrical Equipment)	External walls	Carpenter - Studs	hrs	2843.841	0
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Sealer	hrs	749.7399	1,499.48
Trade Staff (Small Electrical Equipment)	External walls	Painter - Sealer	hrs	749.7399	1,499.48
Trade Staff (Small Electrical Equipment)	External walls	Painter - Undercoat	hrs	749.7399	4,498.44
Trade Staff (Small Electrical Equipment)	External walls	Painter - Final Coat	hrs	749.7399	7,497.4
Trade Staff (Small Electrical Equipment)	External walls	External Cladding	hrs	4136.496	8,272.99
Trade Staff (Small Electrical Equipment)	Substructure	Concreter, Install and remove formwork	hrs	2714.5755	0
Concrete Pump	Substructure	Pour foundations, Concrete Pump (50m3 / hr)	hrs	1.620255	0
Trade Staff (Small Electrical Equipment)	Substructure	Concreter	hrs	24.927	0
Trade Staff (Small Electrical Equipment)	Substructure	Concreter - Install Rio	hrs	12.4635	0
Trade Staff (Small Electrical Equipment)	Internal finishes	Plasterer	hrs	523.467	1,046.93

Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Sealer	hrs	72.2883	144.58
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Undercoat	hrs	72.2883	433.73
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Final Coat	hrs	72.2883	939.75
Trade Staff (Small Electrical Equipment)	Internal finishes	Carpenter Install Skirting Boards	hrs	112.1715	224.34
Trade Staff (Small Electrical Equipment)	Internal finishes	Plasterer Install Cornices	hrs	124.635	249.27
Trade Staff (Small Electrical Equipment)	Substructure	Concreter - Install and remove formwork	hrs	261.7335	0
Trade Staff (Small Electrical Equipment)	Internal finishes	Plasterer - Apply bonding agent to raw surface	hrs	62.3175	124.64
Concrete Pump	External walls	Concrete pump (10m3 / hour)	hrs	1.620255	0
Trade Staff (Small Electrical Equipment)	External walls	Install and remove formwork	hrs	378.8904	0
Trade Staff (Small Electrical Equipment)	External walls	Concreter, Pour walls	hrs	324.051	0
Trade Staff (Small Electrical Equipment)	External walls	Install rio for wall	hrs	648.102	0
Trade Staff (Small Electrical Equipment)	External walls	Painter 1st Coat	hrs	722.883	1,445.77
Trade Staff (Small Electrical Equipment)	External walls	Painter, 2nd Coat	hrs	72.2883	433.73
Trade Staff (Small Electrical Equipment)	External walls	Painter, Final Coat	hrs	72.2883	722.88
Large Electrical Equipment (eg mixer)	Services equipment	Jack hammer	hrs	605	0
Highway 4 x 6 Dump Truck	Services equipment	Skip bin transportation	hrs	363	0
Trade Staff (No Equipment, labour transport only)	Services equipment	Trade staff (2x)	hrs	1210	0
Excavator, 15t	Services equipment	Digger	hrs	605	0
Trade Staff (Small Electrical Equipment)	Services equipment	Contour & Site Survey	hrs	795.8	1,591.6
Trade Staff (Small Electrical Equipment)	Services equipment	Engineers Soil Testing/Footing & Slab Design	hrs	795.8	1,591.6
Trade Staff (Small Electrical Equipment)	Services equipment	Surveyor House Set-Out	hrs	596.85	1,193.7
Trade Staff (Small Electrical Equipment)	Services equipment	Inspection of site for pest/insects	hrs	397.9	3,979
Concrete Pump	Substructure	Pour foundations, Concrete Pump (50m3 / hr)	hrs	0.06279	0
Trade Staff (Small Electrical Equipment)	Substructure	Concreter	hrs	0.966	0
Trade Staff (Small Electrical Equipment)	Substructure	Concreter - Install Rio	hrs	0.483	0
Trade Staff (Small Electrical Equipment)	Internal finishes	Plasterer	hrs	20.286	40.57
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Sealer	hrs	2.8014	5.6
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Undercoat	hrs	2.8014	16.81
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Final Coat	hrs	2.8014	36.42
Trade Staff (Small Electrical Equipment)	Internal finishes	Carpenter Install Skirting Boards	hrs	4.347	8.69
Trade Staff (Small Electrical Equipment)	Internal finishes	Plasterer Install Cornices	hrs	4.83	9.66
Trade Staff (Small Electrical Equipment)	External walls	Bricklayer - brickwork	hrs	38.64	0
Trade Staff (Large Elect Equipment)	External walls	Labourer and mixer - brickwork	hrs	27.048	0
Trade Staff (Small Electrical Equipment)	Substructure	Concreter - Install and remove formwork	hrs	10.143	0
Trade Staff (Small Electrical Equipment)	Internal finishes	Plasterer - Apply bonding agent to raw surface	hrs	2.415	4.83
Trade Staff (Small Electrical Equipment)	External walls	Painter 1st Coat	hrs	2.8014	5.6
Trade Staff (Small Electrical Equipment)	External walls	Painter - 2nd Coat	hrs	2.8014	16.81
Trade Staff (Small Electrical Equipment)	External walls	Painter - Final Coat	hrs	2.8014	28.01
Concrete Pump	Substructure	Pour foundations, Concrete Pump (50m3 / hr)	hrs	0.121485	0
Trade Staff (Small Electrical Equipment)	Substructure	Concreter	hrs	1.869	0
Trade Staff (Small Electrical Equipment)	Substructure	Concreter - Install Rio	hrs	0.9345	0
Trade Staff (Small Electrical Equipment)	Internal finishes	Plasterer	hrs	39.249	78.5
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Sealer	hrs	5.4201	10.84
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Undercoat	hrs	5.4201	32.52
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Final Coat	hrs	5.4201	70.46
Trade Staff (Small Electrical Equipment)	Internal finishes	Carpenter Install Skirting Boards	hrs	8.4105	16.82
Trade Staff (Small Electrical Equipment)	Internal finishes	Plasterer Install Cornices	hrs	9.345	18.69
Trade Staff (Small Electrical Equipment)	External walls	Bricklayer - brickwork	hrs	74.76	0
Trade Staff (Large Elect Equipment)	External walls	Labourer and mixer - brickwork	hrs	52.332	0
Trade Staff (Small Electrical Equipment)	Substructure	Concreter - Install and remove formwork	hrs	19.6245	0
Trade Staff (Small Electrical Equipment)	Internal finishes	Plasterer - Apply bonding agent to raw surface	hrs	4.6725	9.35
Trade Staff (Small Electrical Equipment)	External walls	Painter 1st Coat	hrs	5.4201	10.84
Trade Staff (Small Electrical Equipment)	External walls	Painter - 2nd Coat	hrs	5.4201	32.52
Trade Staff (Small Electrical Equipment)	External walls	Painter - Final Coat	hrs	5.4201	54.2
Concrete Pump	Substructure	Pour foundations, Concrete Pump (50m3 / hr)	hrs	0.49245	0
Trade Staff (Small Electrical Equipment)	Substructure	Concreter	hrs	9.849	0
Trade Staff (Small Electrical Equipment)	Substructure	Concreter - Install Rio	hrs	4.9245	0
Trade Staff (Small Electrical Equipment)	Internal finishes	Plasterer - Install Plasterboard	hrs	147.735	295.47
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Undercoat	hrs	28.5621	171.37
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Final Coat	hrs	28.5621	371.31
Trade Staff (Small Electrical Equipment)	Internal finishes	Carpenter Install Skirting Boards	hrs	24.6225	0
Trade Staff (Small Electrical Equipment)	Internal finishes	Plasterer Install Cornices	hrs	49.245	98.49

Trade Staff (Small Electrical Equipment)	External walls	Carpenter - Plates	hrs	64.0185	0
Trade Staff (Small Electrical Equipment)	External walls	Carpenter - Studs	hrs	108.339	0
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Sealer	hrs	28.5621	57.12
Trade Staff (Small Electrical Equipment)	External walls	Painter - Sealer	hrs	28.5621	57.12
Trade Staff (Small Electrical Equipment)	External walls	Painter - Undercoat	hrs	28.5621	171.37
Trade Staff (Small Electrical Equipment)	External walls	Painter - Final Coat	hrs	28.5621	285.62
Trade Staff (Small Electrical Equipment)	External walls	External Cladding	hrs	157.584	315.17
Trade Staff (Small Electrical Equipment)	Substructure	Concreter, Install and remove formwork	hrs	103.4145	0
Concrete Pump	Substructure	Pour foundations, Concrete Pump (50m3 / hr)	hrs	2.73315	0
Trade Staff (Small Electrical Equipment)	Substructure	Concreter	hrs	54.663	0
Trade Staff (Small Electrical Equipment)	Substructure	Concreter - Install Rio	hrs	27.3315	0
Trade Staff (Small Electrical Equipment)	Internal finishes	Plasterer - Install Plasterboard	hrs	819.945	1,639.89
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Undercoat	hrs	158.5227	951.14
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Final Coat	hrs	158.5227	2,060.8
Trade Staff (Small Electrical Equipment)	Internal finishes	Carpenter Install Skirting Boards	hrs	136.6575	0
Trade Staff (Small Electrical Equipment)	Internal finishes	Plasterer Install Cornices	hrs	273.315	546.63
Trade Staff (Small Electrical Equipment)	External walls	Carpenter - Plates	hrs	355.3095	0
Trade Staff (Small Electrical Equipment)	External walls	Carpenter - Studs	hrs	601.293	0
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Sealer	hrs	158.5227	317.05
Trade Staff (Small Electrical Equipment)	External walls	Painter - Sealer	hrs	158.5227	317.05
Trade Staff (Small Electrical Equipment)	External walls	Painter - Undercoat	hrs	158.5227	951.14
Trade Staff (Small Electrical Equipment)	External walls	Painter - Final Coat	hrs	158.5227	1,585.23
Trade Staff (Small Electrical Equipment)	External walls	External Cladding	hrs	874.608	1,749.22
Trade Staff (Small Electrical Equipment)	Substructure	Concreter, Install and remove formwork	hrs	573.9615	0
Trade Staff (Small Electrical Equipment)	External walls	Assemble Steel Framing	hrs	23.812984	0
Trade Staff (Small Electrical Equipment)	Internal finishes	Plasterer - Install Plasterboard	hrs	15.639	31.28
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Undercoat	hrs	2.882789	17.3
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Final Coat	hrs	2.882789	37.48
Trade Staff (Small Electrical Equipment)	Internal finishes	Carpenter Install Skirting Boards	hrs	2.6065	0
Trade Staff (Small Electrical Equipment)	Internal finishes	Plasterer Install Cornices	hrs	5.213	10.43
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Sealer	hrs	2.882789	5.77
Trade Staff (Small Electrical Equipment)	Roof	Lay green roof	hrs	1143.12	0
Trade Staff (Small Electrical Equipment)	Roof	Lay bitumen and EPS	hrs	238.15	0
Large Electrical Equipment (eg mixer)	Roof	Heated bitumen container	hrs	304.832	0
Trade Staff (Small Electrical Equipment)	Services equipment	Install Gutter	hrs	190.52	381.04
Trade Staff (Small Electrical Equipment)	Services equipment	Installation, Maintenance and Electrical Connection	hrs	69	1,380

Materials

Material Name	Category	Template Name	Description	Units	Quantity	Recurring Quantity	Recycled Content	Recycling Rate
Plastics General Unspecified Industry Average	Communication, security and control systems	* Communications, Residential	Plastic associated with electrical wire and fittings	kg	1297.5	5,190	0%	0%
Steel General Unspecified Industry Average	General fittings, furnishings and equipment	* Communications, Residential	Light Fittings	kg	108.125	432.5	40.33%	80%
Plastics General Unspecified Industry Average	General fittings, furnishings and equipment	* Communications, Residential	Light Fittings	kg	54.0625	216.25	0%	0%
Metals (excluding steel and Aluminium) Copper Industry Average	Communication, security and control systems	* Communications, Residential	Copper electrical wire	kg	1621.875	0	29%	48%
Timber General Industry Average	Sanitary installations	Plumbing, hardware and install to slab	Hardware (pressure limiting valve, mains tap etc)	kg	4973.75	9,947.5	0%	0%
Metals (excluding steel and Aluminium) Copper Industry Average	Sanitary installations	Plumbing, hardware and install to slab	Copper pipe water supply from mains	m3	0.71622	0	29%	48%
Plastics Polyvinyl Chloride (PVC) PVC Pipe Industry Average	Sanitary installations	Plumbing, hardware and install to slab	Sewer pipe	m3	9.848025	0	5%	20%
Timber General Industry Average	Sanitary installations	Plumbing, hardware and install to slab, Commercial	Hardware (pressure limiting valve, mains tap etc)	kg	230.383333333333	460.77	0%	0%
Metals (excluding steel and Aluminium) Copper Industry Average	Sanitary installations	Plumbing, hardware and install to slab, Commercial	Copper pipe water supply from mains	m3	0.0331752	0	29%	48%
Plastics Polyvinyl Chloride (PVC) PVC Pipe Industry Average	Sanitary installations	Plumbing, hardware and install to slab, Commercial	Sewer pipe	m3	0.456159	0	5%	20%
Rubber Synthetic Industry Average	Electrical installations	Site Electrical Works - Residential	Wire casing	m3	0.0865	0	0%	0%
Plastics Polyvinyl Chloride (PVC) Unspecified Industry Average	Electrical installations	Site Electrical Works - Residential	Conduit	m3	0.64875	0	5%	20%

Steel General Unspecified Industry Average	Electrical installations	Site Electrical Works - Residential	Meter Box	m3	0.21625	.43	40.33%	80%
Finished Products Electrical Goods Inverter Industry Average	Electrical installations	Site Electrical Works - Residential	Switches	kg	108.125	432.5	0%	0%
Metals (excluding steel and Aluminium) Copper Industry Average	Electrical installations	Site Electrical Works - Residential	Copper wire	m3	0.194625	0	29%	48%
Rubber Synthetic Industry Average	Electrical installations	Site Electrical Works - Commercial	Wire casing	m3	0.00601	0	0%	0%
Plastics Polyvinyl Chloride (PVC) Unspecified Industry Average	Electrical installations	Site Electrical Works - Commercial	Conduit	m3	0.045075	0	5%	20%
Steel General Unspecified Industry Average	Electrical installations	Site Electrical Works - Commercial	Meter Box	m3	0.015025	.03	40.33%	80%
Finished Products Electrical Goods Inverter Industry Average	Electrical installations	Site Electrical Works - Commercial	Switches	kg	7.5125	30.05	0%	0%
Metals (excluding steel and Aluminium) Copper Industry Average	Electrical installations	Site Electrical Works - Commercial	Copper wire	m3	0.0135225	0	29%	48%
Plastics General Unspecified Industry Average	Communication, security and control systems	Communications, Commercial	Plastic associated with electrical wire and fittings	kg	300.5	1,202	0%	0%
Steel General Unspecified Industry Average	General fittings, furnishings and equipment	Communications, Commercial	Light Fittings	kg	25.0416666666667	100.17	40.33%	80%
Plastics General Unspecified Industry Average	General fittings, furnishings and equipment	Communications, Commercial	Light Fittings	kg	12.5208333333333	50.08	0%	0%
Metals (excluding steel and Aluminium) Copper Industry Average	Communication, security and control systems	Communications, Commercial	Copper electrical wire	kg	375.625	0	29%	48%
Plastics General Unspecified Industry Average	Space heating and air conditioning	Exhaust Extraction Fan, Plastic	Plastic associated with electrical wire and fittings	kg	648.75	2,595	0%	0%
Plastics General Unspecified Industry Average	Space heating and air conditioning	Exhaust Extraction Fan, Plastic	Fan rotor, blades and housing	kg	865	5,190	0%	0%
Metals (excluding steel and Aluminium) Copper Industry Average	Space heating and air conditioning	Exhaust Extraction Fan, Plastic	Copper electrical wire	kg	865	0	29%	48%
Steel Coated Sheet Zinc Coated & Coloured Sheet 0.43mm Industry Average	General fittings, furnishings and equipment	Lighting Residential CFL Med Natural Light	Light fitting	kg	794.19375	4,765.16	40.33%	80%
Glass Flat Glass Industry Average	General fittings, furnishings and equipment	Lighting Residential CFL Med Natural Light	Light Fittings	kg	397.096875	2,382.58	0%	0%
Finished Products Electrical Goods Light Fittings Fluorescent Globes Compact Industry Average	General fittings, furnishings and equipment	Lighting Residential CFL Med Natural Light	Light Globes For Internal Fittings	kg	267.3785625	2,673.79	0%	0%
Steel Coated Sheet Zinc Coated & Coloured Sheet 0.43mm Industry Average	General fittings, furnishings and equipment	Lighting Communal, Flouro by area	Light fitting	kg	230.8359375	4,616.72	40.33%	80%
Glass Flat Glass Industry Average	General fittings, furnishings and equipment	Lighting Communal, Flouro by area	Light Fittings	kg	346.25390625	6,925.08	0%	0%
Finished Products Electrical Goods Light Fittings Fluorescent Globes Compact Industry Average	General fittings, furnishings and equipment	Lighting Communal, Flouro by area	Light Globes For Internal Fittings	kg	230.8359375	5,540.06	0%	0%
Metals (excluding steel and Aluminium) Copper Industry Average	Sanitary installations	HWS, Biomass, large distributed system	Gas Heating Element etc	kg	180	1,800	29%	48%
Plastics General Unspecified Industry Average	Sanitary installations	HWS, Biomass, large distributed system	Plastic Moulding etc	kg	720	7,200	0%	0%
Metals (excluding steel and Aluminium) Copper Industry Average	Sanitary installations	HWS, Biomass, large distributed system	Associated Plumbing for HWS	kg	720	1,440	29%	48%
Aluminium General Industry Average	Sanitary installations	HWS, Biomass, large distributed system	Sacrificial Anode	kg	270	5,400	35.33%	57.33%
Insulation Rigid Foams and Boards Polyurethane Industry Average	Sanitary installations	HWS, Biomass, large distributed system	Insulation	m3	9.2448	92.45	0%	0%
Steel General Unspecified Industry Average	Sanitary installations	HWS, Biomass, large distributed system	Tank	kg	960	9,600	40.33%	80%
Metals (excluding steel and Aluminium) Iron Industry Average	Lift and conveyer installations	Elevator Car, Passenger	Car componentry	kg	144	576	40.33%	71.75%
Metals (excluding steel and Aluminium) Copper Industry Average	Lift and conveyer installations	Elevator Car, Passenger	Car componentry	kg	17.28	69.12	29%	48%

Steel Stainless Unspecified Industry Average	Lift and conveyer installations	Elevator Car, Passenger	Car componentry	kg	368.64	1,474.56	40.33%	80%
Steel General Unspecified Industry Average	Lift and conveyer installations	Elevator Car, Passenger	Car componentry and structure	kg	4248	16,992	40.33%	80%
Plastics General Unspecified Industry Average	Lift and conveyer installations	Elevator Car, Passenger	Car componentry	kg	115.2	460.8	0%	0%
Metals (excluding steel and Aluminium) Titanium Industry Average	Lift and conveyer installations	Elevator Car, Passenger	Car componentry	kg	63.36	253.44	52%	91%
Rubber Synthetic Industry Average	Lift and conveyer installations	Elevator Car, Passenger	Car componentry	kg	17.28	345.6	0%	0%
Glass Flat Glass Industry Average	Lift and conveyer installations	Elevator Car, Passenger	Car componentry	kg	34.56	207.36	0%	0%
Finished Products Electrical Goods Inverter Industry Average	Lift and conveyer installations	Elevator Car, Passenger	Car componentry	kg	648	2,592	0%	0%
Metals (excluding steel and Aluminium) Lead Industry Average	Lift and conveyer installations	Elevator Car, Passenger	Counter weight	kg	5760	0	52%	71.67%
Finished Products Electrical Goods Inverter Industry Average	Lift and conveyer installations	Elevator Car, Passenger	Drive motor etc	kg	240	960	0%	0%
Aluminium General Industry Average	Lift and conveyer installations	Elevator Car, Passenger	Car componentry	kg	144	576	35.33%	57.33%
Steel General Unspecified Industry Average	Lift and conveyer installations	Elevator Housing, Passenger. Building Supported	Hoist Rope	m3	0.1152	.46	40.33%	80%
Steel Stainless Unspecified Industry Average	Lift and conveyer installations	Elevator Housing, Passenger. Building Supported	External Doors	m3	0.1008	.4	40.33%	80%
Steel General Unspecified Industry Average	Lift and conveyer installations	Elevator Housing, Passenger. Building Supported	Door rails and guides	kg	1440	5,760	40.33%	80%
Rubber Synthetic Industry Average	Lift and conveyer installations	Elevator Housing, Passenger. Building Supported	External Door Guides and Wheels	kg	48	480	0%	0%
Finished Products Electrical Goods Inverter Industry Average	Lift and conveyer installations	Elevator Housing, Passenger. Building Supported	Controls	kg	180	1,080	0%	0%
Steel Stainless Unspecified Industry Average	Lift and conveyer installations	Elevator Housing, Passenger. Building Supported	Control Panel	m3	0.0012	0	40.33%	80%
Steel General Unspecified Industry Average	Lift and conveyer installations	Elevator Housing, Passenger. Building Supported	Housing frame	kg	9600	0	40.33%	80%
Insulation Rigid Foams and Boards Woodfibre Inslation Board Density 180 General Supply (Landfill)	External enclosing walls above ground level	Aerated Clay Brick, 150 insul, render, plaster	Wood fibre insulation	m3	593.6175	0	0%	0%
X Non Compliant Data Masonry Bricks and Blocks Low Temp Clay Bricks Insulating Block for Thin Bed Mortar Walls Industry Average	External enclosing walls above ground level	Aerated Clay Brick, 150 insul, render, plaster	Terracotta aerated blocks	kg	609447.3	0	0%	0%
Cements and Limes Mortars and Renders 1 cement : 4 sand Industry Average	External enclosing walls above ground level	Aerated Clay Brick, 150 insul, render, plaster	Mortar for brick laying	m3	37.99152	0	0%	0%
Plastics General Unspecified Industry Average	Insulation	Aerated Clay Brick, 150 insul, render, plaster	Insulation fixings	kg	474.894	474.89	0%	0%
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Wall finishes	Aerated Clay Brick, 150 insul, render, plaster	Plaster	m2 (Default)	3957.45	7,914.9	0%	0%
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Aerated Clay Brick, 150 insul, render, plaster	Sealer	m2 (Default)	3957.45	7,914.9	0%	0%
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Aerated Clay Brick, 150 insul, render, plaster	Undercoat	m2 (Default)	3957.45	23,744.7	0%	0%
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Aerated Clay Brick, 150 insul, render, plaster	Final Coat	m2 (Default)	3957.45	51,446.85	0%	0%
Timber Medium Density Fibreboard (MDF) Industry Average	Cornices & Shadowlines	Aerated Clay Brick, 150 insul, render, plaster	Skirting boards	m3	3.95745	7.91	0%	0%
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Cornices & Shadowlines	Aerated Clay Brick, 150 insul, render, plaster	Cornices	m3	3.16596	6.33	0%	0%
Concrete Unreinforced Unspecified Industry Average	Wall finishes	Aerated Clay Brick, 150 insul, render, plaster	Pre plaster float	m3	39.5745	0	0%	0%
Paints and Finishes Unspecified 1 Coat Industry Average	External Paint, Textures and Renders	Aerated Clay Brick, 150 insul, render, plaster	Primer	m2 (Default)	3957.45	7,914.9	0%	0%
Paints and Finishes Unspecified 1 Coat Industry Average	External Paint, Textures and Renders	Aerated Clay Brick, 150 insul, render, plaster	Undercoat	m2 (Default)	3957.45	7,914.9	0%	0%
Steel General Unspecified Industry Average	External Paint, Textures and Renders	Aerated Clay Brick, 150 insul, render, plaster	Consumables (Paint tins, rollers, etc)	kg	39.5745	395.74	40.33%	80%

Paints and Finishes Unspecified 3 Coats Industry Average	External Paint, Textures and Renders	Aerated Clay Brick, 150 insul, render, plaster	Top Coat	m2 (Default)	3957.45	23,744.7	0%	0%
Cements and Limes Mortars and Renders 1 Lime : 3 sand Industry Average	External enclosing walls above ground level	Aerated Clay Brick, 150 insul, render, plaster	lime render 8mm	m3	31.6596	63.32	0%	0%
Insulation Rigid Foams and Boards Woodfibre Insulation Board Density 180 General Supply (Landfill)	External enclosing walls above ground level	Aerated clay brick, 100 insul, tile clad	Wood fibre insulation	m3	117.39	0	0%	0%
X Non Compliant Data Masonry Bricks and Blocks Low Temp Clay Bricks Insulating Block for Thin Bed Mortar Walls Industry Average	External enclosing walls above ground level	Aerated clay brick, 100 insul, tile clad	Terracotta aerated blocks	kg	180780.6	0	0%	0%
Cements and Limes Mortars and Renders 1 cement : 4 sand Industry Average	External enclosing walls above ground level	Aerated clay brick, 100 insul, tile clad	Mortar for brick laying	m3	11.26944	0	0%	0%
Plastics General Unspecified Industry Average	Insulation	Aerated clay brick, 100 insul, tile clad	Insulation fixings	kg	140.868	140.87	0%	0%
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Aerated clay brick, 100 insul, tile clad	Sealer	m2 (Default)	1173.9	2,347.8	0%	0%
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Aerated clay brick, 100 insul, tile clad	Undercoat	m2 (Default)	1173.9	7,043.4	0%	0%
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Aerated clay brick, 100 insul, tile clad	Final Coat	m2 (Default)	1173.9	15,260.7	0%	0%
Timber Medium Density Fibreboard (MDF) Industry Average	Cornices & Shadowlines	Aerated clay brick, 100 insul, tile clad	Skirting boards	m3	1.1739	2.35	0%	0%
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Cornices & Shadowlines	Aerated clay brick, 100 insul, tile clad	Cornices	m3	0.93912	1.88	0%	0%
Concrete Unreinforced Unspecified Industry Average	Wall finishes	Aerated clay brick, 100 insul, tile clad	Pre plaster float	m3	11.739	0	0%	0%
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Wall finishes	Aerated clay brick, 100 insul, tile clad	Plaster	m2 (Default)	1173.9	2,347.8	0%	0%
Ceramics Ceramic Tiles Industry Average	External enclosing walls above ground level	Aerated clay brick, 100 insul, tile clad	Tile cladding 30mm	m3	35.217	105.65	0%	0%
Aluminium General Industry Average	External enclosing walls above ground level	Aerated clay brick, 100 insul, tile clad	Aluminium rail fixing	m3	0.70434	0	35.33%	57.33%
Rubber Synthetic Industry Average	External enclosing walls above ground level	Aerated clay brick, 100 insul, tile clad	Damp PProof Course Membrane	m3	2.3478	4.7	0%	0%
Cements and Limes Mortars and Renders 1 Lime : 3 sand Industry Average	External enclosing walls above ground level	Aerated clay brick, 100 insul, tile clad	lime render 8mm	m3	9.3912	18.78	0%	0%
Insulation Rigid Foams and Boards Woodfibre Insulation Board Density 180 General Supply (Landfill)	External enclosing walls above ground level	Aerated clay brick, 100 insul, timber clad	Wood fibre insulation	m3	158.865	0	0%	0%
X Non Compliant Data Masonry Bricks and Blocks Low Temp Clay Bricks Insulating Block for Thin Bed Mortar Walls Industry Average	External enclosing walls above ground level	Aerated clay brick, 100 insul, timber clad	Terracotta aerated blocks	kg	244652.1	0	0%	0%
Cements and Limes Mortars and Renders 1 cement : 4 sand Industry Average	External enclosing walls above ground level	Aerated clay brick, 100 insul, timber clad	Mortar for brick laying	m3	15.25104	0	0%	0%
Plastics General Unspecified Industry Average	Insulation	Aerated clay brick, 100 insul, timber clad	Insulation fixings	kg	190.638	190.64	0%	0%
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Wall finishes	Aerated clay brick, 100 insul, timber clad	Plaster	m2 (Default)	1588.65	3,177.3	0%	0%
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Aerated clay brick, 100 insul, timber clad	Sealer	m2 (Default)	1588.65	3,177.3	0%	0%
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Aerated clay brick, 100 insul, timber clad	Undercoat	m2 (Default)	1588.65	9,531.9	0%	0%
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Aerated clay brick, 100 insul, timber clad	Final Coat	m2 (Default)	1588.65	20,652.45	0%	0%
Timber Medium Density Fibreboard (MDF) Industry Average	Cornices & Shadowlines	Aerated clay brick, 100 insul, timber clad	Skirting boards	m3	1.58865	3.18	0%	0%

Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Cornices & Shadowlines	Aerated clay brick, 100 insul, timber clad	Cornices	m3	1.27092	2.54	0%	0%
Concrete Unreinforced Unspecified Industry Average	Wall finishes	Aerated clay brick, 100 insul, timber clad	Pre plaster float	m3	15.8865	0	0%	0%
Timber Hardwood Industry Average	External enclosing walls above ground level	Aerated clay brick, 100 insul, timber clad	Timber cladding 21mm	m3	33.36165	66.72	0%	0%
Timber General Industry Average	External enclosing walls above ground level	Aerated clay brick, 100 insul, timber clad	Timber battens 100mm spacing	m3	30.18435	30.18	0%	0%
Timber General Industry Average	External enclosing walls above ground level	Aerated clay brick, 100 insul, timber clad	Timber battens vertical 600mm spacing	m3	6.67233	13.34	0%	0%
Plastics Polyurethane Unspecified Industry Average	External enclosing walls above ground level	Aerated clay brick, 100 insul, timber clad	Breather Membrane	m3	3.1773	6.35	0%	0%
Paints and Finishes Wood Stains and Finishes General Industry Average	External enclosing walls above ground level	Aerated clay brick, 100 insul, timber clad	Timber panel finish	m2 (Default)	1588.65	6,354.6	0%	0%
Cements and Limes Mortars and Renders 1 Lime : 3 sand Industry Average	External enclosing walls above ground level	Aerated clay brick, 100 insul, timber clad	lime render 8mm	m3	12.7092	25.42	0%	0%
Cements and Limes Mortars and Renders 1 cement : 4 sand Industry Average	External enclosing walls above ground level	100mm Concrete Block, Concrete structure, tiles	Mortar (20kg per 10 blocks)	kg	4116	0	0%	0%
Aluminium General Industry Average	External enclosing walls above ground level	100mm Concrete Block, Concrete structure, tiles	Flashing	kg	82.32	0	35.33%	57.33%
Concrete Reinforced 1.0% Reinforcement by mass 30 MPa Industry Average	External enclosing walls above ground level	100mm Concrete Block, Concrete structure, tiles	Concrete structure	m3	61.74	0	0%	0%
Ceramics Ceramic Tiles Industry Average	External enclosing walls above ground level	100mm Concrete Block, Concrete structure, tiles	Tile cladding 30mm	m3	6.174	18.52	0%	0%
Aluminium General Industry Average	External enclosing walls above ground level	100mm Concrete Block, Concrete structure, tiles	Aluminium rail fixing	m3	0.12348	0	35.33%	57.33%
Rubber Synthetic Industry Average	External enclosing walls above ground level	100mm Concrete Block, Concrete structure, tiles	Damp PProof Course Membrane	m3	0.4116	.82	0%	0%
Concrete Unreinforced Unspecified Industry Average	External enclosing walls above ground level	100mm Concrete Block, Concrete structure, tiles	140mm Concrete Blocks	m3	20.58	0	0%	0%
Cements and Limes Mortars and Renders 1 cement : 4 sand Industry Average	External enclosing walls above ground level	100mm Concrete Block, Concrete structure, render	Mortar (20kg per 10 blocks)	kg	6825	0	0%	0%
Aluminium General Industry Average	External enclosing walls above ground level	100mm Concrete Block, Concrete structure, render	Flashing	kg	136.5	0	35.33%	57.33%
Concrete Unreinforced Unspecified Industry Average	Wall finishes	100mm Concrete Block, Concrete structure, render	Pre plaster float	m3	3.4125	0	0%	0%
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Wall finishes	100mm Concrete Block, Concrete structure, render	Plaster	m2 (Default)	341.25	682.5	0%	0%
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	100mm Concrete Block, Concrete structure, render	Sealer	m2 (Default)	341.25	682.5	0%	0%
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	100mm Concrete Block, Concrete structure, render	Undercoat	m2 (Default)	341.25	2,047.5	0%	0%
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	100mm Concrete Block, Concrete structure, render	Final Coat	m2 (Default)	341.25	4,436.25	0%	0%
Timber Medium Density Fibreboard (MDF) Industry Average	Cornices & Shadowlines	100mm Concrete Block, Concrete structure, render	Skirting boards	m3	0.34125	.68	0%	0%
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Cornices & Shadowlines	100mm Concrete Block, Concrete structure, render	Cornices	m3	0.273	.55	0%	0%
Plastics Acrylic Unspecified Industry Average	Wall finishes	100mm Concrete Block, Concrete structure, render	Bonding agent (pre render)	m3	0.034125	.07	0%	0%

Paints and Finishes Unspecified 1 Coat Industry Average	External enclosing walls above ground level	100mm Concrete Block, Concrete structure, render	1st Coat	m2 (Default)	341.25	682.5	0%	0%
Paints and Finishes Unspecified 1 Coat Industry Average	External enclosing walls above ground level	100mm Concrete Block, Concrete structure, render	2nd Coat	m2 (Default)	341.25	2,047.5	0%	0%
Paints and Finishes Unspecified 3 Coats Industry Average	External enclosing walls above ground level	100mm Concrete Block, Concrete structure, render	Final Coat	m2 (Default)	341.25	3,412.5	0%	0%
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	External enclosing walls above ground level	100mm Concrete Block, Concrete structure, render	Plaster	m2 (Default)	341.25	682.5	0%	0%
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	External enclosing walls above ground level	100mm Concrete Block, Concrete structure, render	Cornices	m3	0.273	.55	0%	0%
Plastics Acrylic Unspecified Industry Average	External enclosing walls above ground level	100mm Concrete Block, Concrete structure, render	Bonding Agent Pre render	kg	0.034125	.07	0%	0%
Concrete Unreinforced Unspecified Industry Average	External enclosing walls above ground level	100mm Concrete Block, Concrete structure, render	Pre plaster float	m3	3.4125	0	0%	0%
Concrete Unreinforced Unspecified Industry Average	External enclosing walls above ground level	100mm Concrete Block, Concrete structure, render	140mm Concrete Blocks	m3	47.775	0	0%	0%
Concrete Unreinforced Unspecified Industry Average	External enclosing walls above ground level	100-75-100 Insulated Cavity Concrete Block	100mm Concrete Blocks	m3	48.93	0	0%	0%
Cements and Limes Mortars and Renders 1 cement : 4 sand Industry Average	External enclosing walls above ground level	100-75-100 Insulated Cavity Concrete Block	Mortar (20kg per 10 blocks)	kg	4893	0	0%	0%
Aluminium General Industry Average	External enclosing walls above ground level	100-75-100 Insulated Cavity Concrete Block	Flashing	kg	97.86	0	35.33%	57.33%
Plastics High Density Polyethylene (HDPE) Unspecified Industry Average	External enclosing walls above ground level	100-75-100 Insulated Cavity Concrete Block	Waterproof membrane	m3	0.04893	0	5%	20%
Plastics High Density Polyethylene (HDPE) Unspecified Industry Average	Standard foundations	100-75-100 Insulated Cavity Concrete Block	Waterproof Membrane	m3	0.073395	7.34	5%	20%
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	100-75-100 Insulated Cavity Concrete Block	Sealer	m2 (Default)	244.65	489.3	0%	0%
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	100-75-100 Insulated Cavity Concrete Block	Undercoat	m2 (Default)	244.65	1,467.9	0%	0%
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	100-75-100 Insulated Cavity Concrete Block	Final Coat	m2 (Default)	244.65	3,180.45	0%	0%
Paints and Finishes Unspecified 1 Coat Industry Average	External enclosing walls above ground level	100-75-100 Insulated Cavity Concrete Block	1st Coat	m2 (Default)	244.65	489.3	0%	0%
Paints and Finishes Unspecified 1 Coat Industry Average	External enclosing walls above ground level	100-75-100 Insulated Cavity Concrete Block	2nd Coat	m2 (Default)	244.65	1,467.9	0%	0%
Paints and Finishes Unspecified 3 Coats Industry Average	External enclosing walls above ground level	100-75-100 Insulated Cavity Concrete Block	Final Coat	m2 (Default)	244.65	2,446.5	0%	0%
Insulation Blankets and Batts Mineral Wool Blanket R 2.0 Industry Average	Insulation	100-75-100 Insulated Cavity Concrete Block	fully filled cavity	m3	18.34875	18.35	0%	0%
Concrete Reinforced 1.0% Reinforcement by mass 30 MPa Industry Average	Standard foundations	100-75-100 Insulated Cavity Concrete Block	Foundations	m3	16.44048	0	0%	0%
Timber General Industry Average	External enclosing walls above ground level	Timber cladding	Timber battens 100mm spacing	m3	4.64835	4.65	0%	0%
Timber General Industry Average	External enclosing walls above ground level	Timber cladding	Timber battens vertical 600mm spacing	m3	1.02753	2.06	0%	0%
	External							

Plastics Polyurethane Unspecified Industry Average	enclosing walls above ground level	Timber cladding	Breather Membrane	m3	0.4893	.98	0%	0%
Paints and Finishes Wood Stains and Finishes General Industry Average	External enclosing walls above ground level	Timber cladding	Timber panel finish	m2 (Default)	244.65	978.6	0%	0%
Timber Hardwood Industry Average	External enclosing walls above ground level	Timber cladding	Timber cladding 21mm	m3	5.13765	10.28	0%	0%
Steel Stainless Unspecified Industry Average	External enclosing walls above ground level	Ballustrade, Steel posts, timber cladd	Middle Posts	m3	0.62601	.63	40.33%	80%
Steel Stainless Unspecified Industry Average	External enclosing walls above ground level	Ballustrade, Steel posts, timber cladd	Brackets, bolts, wire rope holders etc	kg	569.1	569.1	40.33%	80%
Steel General Unspecified Industry Average	External enclosing walls above ground level	Ballustrade, Steel posts, timber cladd	Handrail	m3	0.91056	.91	40.33%	80%
Timber Hardwood Industry Average	External enclosing walls above ground level	Ballustrade, Steel posts, timber cladd	Timber cladding 21mm	m3	11.9511	23.9	0%	0%
Timber General Industry Average	External enclosing walls above ground level	Ballustrade, Steel posts, timber cladd	Timber battens 100mm spacing	m3	10.8129	10.81	0%	0%
Timber General Industry Average	External enclosing walls above ground level	Ballustrade, Steel posts, timber cladd	Timber battens vertical 600mm spacing	m3	2.39022	4.78	0%	0%
Plastics Polyurethane Unspecified Industry Average	External enclosing walls above ground level	Ballustrade, Steel posts, timber cladd	Breather Membrane	m3	1.1382	2.28	0%	0%
Paints and Finishes Wood Stains and Finishes General Industry Average	External enclosing walls above ground level	Ballustrade, Steel posts, timber cladd	Timber panel finish	m2 (Default)	569.1	2,276.4	0%	0%
Steel Stainless Unspecified Industry Average	External enclosing walls above ground level	Ballustrade, Steel posts, timber cladd	Supporting Posts	m3	0.39837	.4	40.33%	80%
Aluminium General Industry Average	Security and Fly Screens	Curtain Walling Windows, Residential Aluminium Double Glaze	Fly screen fram	kg	335.8	671.6	35.33%	57.33%
Plastics General Unspecified Industry Average	Security and Fly Screens	Curtain Walling Windows, Residential Aluminium Double Glaze	Flyscreen Mesh	m3	0.20148	.81	0%	0%
Rubber Synthetic Industry Average	Security and Fly Screens	Curtain Walling Windows, Residential Aluminium Double Glaze	Flyscreen rubber spline	kg	167.9	167.9	0%	0%
Windows Aluminium Framed No Thermal Break Double Glaze Domestic 50% Opening Industry Average	External windows	Curtain Walling Windows, Residential Aluminium Double Glaze	Windows / Sliding Doors	m2 (Default)	671.6	671.6	0%	0%
Concrete Unreinforced Unspecified Industry Average	External enclosing walls above ground level	Retaining Wall 140mm Concrete Block	140mm Concrete Blocks	m3	84.819	0	0%	0%
Cements and Limes Mortars and Renders 1 cement : 4 sand Industry Average	External enclosing walls above ground level	Retaining Wall 140mm Concrete Block	Mortar (20kg per 10 blocks)	kg	12117	0	0%	0%
Aluminium General Industry Average	External enclosing walls above ground level	Retaining Wall 140mm Concrete Block	Flashing	kg	242.34	0	35.33%	57.33%
Plastics High Density Polyethylene (HDPE) Unspecified Industry Average	Standard foundations	Retaining Wall 140mm Concrete Block	Waterproof Membrane	m3	0.181755	18.18	5%	20%
Concrete Unreinforced Unspecified Industry Average	Wall finishes	Retaining Wall 140mm Concrete Block	Pre plaster float	m3	6.0585	0	0%	0%
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Wall finishes	Retaining Wall 140mm Concrete Block	Plaster	m2 (Default)	605.85	1,211.7	0%	0%
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Retaining Wall 140mm Concrete Block	Sealer	m2 (Default)	605.85	1,211.7	0%	0%
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Retaining Wall 140mm Concrete Block	Undercoat	m2 (Default)	605.85	3,635.1	0%	0%

Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Retaining Wall 140mm Concrete Block	Final Coat	m2 (Default)	605.85	7,876.05	0%	0%
Timber Medium Density Fibreboard (MDF) Industry Average	Cornices & Shadowlines	Retaining Wall 140mm Concrete Block	Skirting boards	m3	0.60585	1.21	0%	0%
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Cornices & Shadowlines	Retaining Wall 140mm Concrete Block	Cornices	m3	0.48468	.97	0%	0%
Plastics Acrylic Unspecified Industry Average	Wall finishes	Retaining Wall 140mm Concrete Block	Bonding agent (pre render)	m3	0.060585	.12	0%	0%
Paints and Finishes Unspecified 1 Coat Industry Average	External enclosing walls above ground level	Retaining Wall 140mm Concrete Block	1st Coat	m2 (Default)	605.85	1,211.7	0%	0%
Paints and Finishes Unspecified 1 Coat Industry Average	External enclosing walls above ground level	Retaining Wall 140mm Concrete Block	2nd Coat	m2 (Default)	605.85	3,635.1	0%	0%
Paints and Finishes Unspecified 3 Coats Industry Average	External enclosing walls above ground level	Retaining Wall 140mm Concrete Block	Final Coat	m2 (Default)	605.85	6,058.5	0%	0%
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	External enclosing walls above ground level	Retaining Wall 140mm Concrete Block	Plaster	m2 (Default)	605.85	1,211.7	0%	0%
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	External enclosing walls above ground level	Retaining Wall 140mm Concrete Block	Cornices	m3	0.48468	.97	0%	0%
Plastics Acrylic Unspecified Industry Average	External enclosing walls above ground level	Retaining Wall 140mm Concrete Block	Bonding Agent Pre render	kg	0.060585	.12	0%	0%
Concrete Unreinforced Unspecified Industry Average	External enclosing walls above ground level	Retaining Wall 140mm Concrete Block	Pre plaster float	m3	6.0585	0	0%	0%
Concrete Reinforced 1.0% Reinforcement by mass 30 MPa Industry Average	Standard foundations	Retaining Wall 140mm Concrete Block	Foundations	m3	40.71312	0	0%	0%
Aluminium General Industry Average	External Paint, Textures and Renders	Windows, Triple Glazed, Timber frame, alu clad	Paint window frames	m3	1.0856	1.09	35.33%	57.33%
Glass Flat Glass Industry Average	External enclosing walls above ground level	Windows, Triple Glazed, Timber frame, alu clad	Extra pane for triple glazing	m3	6.5136	13.03	0%	0%
Windows Timber Framed Double Glaze Domestic 50% Opening Industry Average	External windows	Windows, Triple Glazed, Timber frame, alu clad	Windows / Sliding Doors	m2 (Default)	2171.2	4,342.4	0%	0%
Rubber Synthetic Industry Average	Lowest floor construction	Bathroom Rubber Tiles, Acoustic Matting Floor finish	Rubber acoustic matting	m3	2.25855	6.78	0%	0%
Rubber Synthetic Industry Average	Lowest floor construction	Bathroom Rubber Tiles, Acoustic Matting Floor finish	Rubber tiles	m3	2.25855	6.78	0%	0%
Carpets and Floor Coverings Underlay Nylon Industry Average	Finishes to floors	* Carpet, Glue Down Nylon, Nylon Underlay	Nylon Underlay	m2 (Default)	3507.6	35,076	0%	0%
Resins and Adhesives Urea Formaldehyde Industry Average	Finishes to floors	* Carpet, Glue Down Nylon, Nylon Underlay	Glue	kg	1753.8	17,538	0%	0%
Carpets and Floor Coverings Carpet Nylon Medium Use Industry Average	Finishes to floors	* Carpet, Glue Down Nylon, Nylon Underlay	Carpet	m2 (Default)	3507.6	35,076	0%	0%
Cements and Limes Portland Cement Unspecified Industry Average	Finishes to floors	* Floor Tiles	Tile grout	m3	0.836	.84	0%	0%
Resins and Adhesives Urea Formaldehyde Industry Average	Finishes to floors	* Floor Tiles	Sealant	kg	104.5	209	0%	0%
Ceramics Ceramic Tiles Industry Average	Finishes to floors	* Floor Tiles	Floor tiles	m3	1.045	3.14	0%	0%
Rubber Synthetic Industry Average	Insulation	Living area Marloleum Floor Finish	Accoustic matting	m3	8.85669	35.43	0%	0%
Carpets and Floor Coverings Vynal (PVC) Unspecified Industry Average	Lowest floor construction	Living area Marloleum Floor Finish	2.5mm Marloleum	m3	7.380575	29.52	0%	0%
Rubber Synthetic Industry Average	Insulation	Kitchen Marloleum Floor Finish	Accoustic matting	m3	3.50571	14.02	0%	0%
X Non Compliant Data Carpets and Floor Coverings Linoleum 2.5mm Thick Linoleum Industry Average	Lowest floor construction	Kitchen Marloleum Floor Finish	2.5mm Marloleum	m3	2.921425	11.69	0%	0%
Carpets and Floor Coverings Underlay Nylon Industry Average	Finishes to floors	Common and commercial Carpet, Glue Down Nylon, Nylon Underlay	Nylon Underlay	m2 (Default)	2457.6	24,576	0%	0%

Resins and Adhesives Urea Formaldehyde Industry Average	Finishes to floors	Common and commercial Carpet, Glue Down Nylon, Nylon Underlay	Glue	kg	1228.8	12,288	0%	0%
Carpets and Floor Coverings Carpet Nylon Medium Use Industry Average	Finishes to floors	Common and commercial Carpet, Glue Down Nylon, Nylon Underlay	Carpet	m2 (Default)	2457.6	24,576	0%	0%
Steel General Unspecified Industry Average	Balustrades and handrails	* Concrete Stairs	Balustrade Rails	m3	0.0594	0	40.33%	80%
Steel General Unspecified Industry Average	Balustrades and handrails	* Concrete Stairs	Balustrade Uprights	m3	0.15048	0	40.33%	80%
Concrete Reinforced 1.0% Reinforcement by mass 30 MPa Industry Average	Lowest floor construction	* Concrete Stairs	Concrete Stairs	m3	66.132	0	0%	0%
Plastics General Unspecified Industry Average	Finishes to floors	Fire escape Polished Concrete Floor Grind and Finish	Polyurethane Equivalent Floor Coating	m3	0.31104	1.24	0%	0%
Timber General Industry Average	Lowest floor construction	Floor Slab, Elevated 225mm Concrete 50% BFS	Formwork Timber Wastage	kg	91729	0	0%	0%
Concrete Reinforced 1.5% Reinforcement by mass Blast Furnace Slag Blends 30 MPa 50% BFS Industry Average	Lowest floor construction	Floor Slab, Elevated 225mm Concrete 50% BFS	225mm Elevated Floor	m3	4127.805	0	0%	0%
Timber Hardwood Industry Average	Lowest floor construction	Roof, Wooden Decking, Self Supp, Insulation	90 x 20 Timber Decking	m3	9.8325	19.66	0%	0%
Plastics Polyurethane Unspecified Industry Average	External Paint, Textures and Renders	Roof, Wooden Decking, Self Supp, Insulation	Deck treatment	m2 (Default)	655.5	6,555	0%	0%
Steel General Unspecified Industry Average	Lowest floor construction	Roof, Wooden Decking, Self Supp, Insulation	Fittings and Hardware	kg	273.125	273.12	40.33%	80%
Steel General Unspecified Industry Average	Lowest floor construction	Roof, Wooden Decking, Self Supp, Insulation	1m Pipe Support (every 5m2)	m3	0.054625	.05	40.33%	80%
Steel General Unspecified Industry Average	Lowest floor construction	Roof, Wooden Decking, Self Supp, Insulation	Bearers 1.5m Spacing	m3	0.10925	.11	40.33%	80%
Insulation Rigid Foams and Boards Polystyrene Unspecified EPS Industry Average	Insulation	Roof, Wooden Decking, Self Supp, Insulation	Rigid EPS	m3	92.8625	92.86	0%	0%
Asphalt and Bitumen Asphalt Unspecified Industry Average	Lowest floor construction	Roof, Wooden Decking, Self Supp, Insulation	Heated Bitumen vessel	m3	5.4625	0	0%	0%
Steel General Unspecified Industry Average	Lowest floor construction	Roof, Wooden Decking, Self Supp, Insulation	Joists	m3	0.54625	.55	40.33%	80%
X Non Compliant Data Bulk Aggregates Sands and Soils Light Weight Aggregates ClinkaFill (Europe) Clinka Europe	Roof structure	Washed stones, EPS, Bitumen roof	washed stone ballast	m3	10.26375	0	0%	0%
Asphalt and Bitumen Asphalt Unspecified Industry Average	Roof coverings	Washed stones, EPS, Bitumen roof	Bitumen	m3	1.2075	0	0%	0%
Insulation Rigid Foams and Boards Polystyrene Unspecified EPS Industry Average	Insulation	Washed stones, EPS, Bitumen roof	EPS	m3	20.5275	20.53	0%	0%
Bricks, Blocks and Pavers Clay Bricks and Pavers Unspecified Industry Average	Lowest floor construction	Roof, Paver brick decking, insulation	80mm PAvers	m3	33.4512	66.9	0%	0%
Plastics Polyurethane Unspecified Industry Average	External Paint, Textures and Renders	Roof, Paver brick decking, insulation	Deck treatment	m2 (Default)	557.52	5,575.2	0%	0%
Steel General Unspecified Industry Average	Lowest floor construction	Roof, Paver brick decking, insulation	Fittings and Hardware	kg	232.3	232.3	40.33%	80%
Steel General Unspecified Industry Average	Lowest floor construction	Roof, Paver brick decking, insulation	1m Pipe Support (every 5m2)	m3	0.04646	.05	40.33%	80%
Steel General Unspecified Industry Average	Lowest floor construction	Roof, Paver brick decking, insulation	Bearers 1.5m Spacing	m3	0.09292	.09	40.33%	80%
Insulation Rigid Foams and Boards Polystyrene Unspecified EPS Industry Average	Insulation	Roof, Paver brick decking, insulation	Rigid EPS	m3	78.982	78.98	0%	0%
Asphalt and Bitumen Asphalt Unspecified Industry Average	Lowest floor construction	Roof, Paver brick decking, insulation	Heated Bitumen vessel	m3	4.646	0	0%	0%
Steel General Unspecified Industry Average	Lowest floor construction	Roof, Paver brick decking, insulation	Joists	m3	0.4646	.46	40.33%	80%
Steel General Unspecified Industry Average	Ceiling finishes	False Modular Plaster Ceiling - Office Style	Steel Ceiling Supports	kg	8492	16,984	40.33%	80%
Paints and Finishes Unspecified 2 Coats Industry Average	Finishes to ceilings	False Modular Plaster Ceiling - Office Style	Undercoats	m2 (Default)	3396.8	13,587.2	0%	0%
Paints and Finishes Unspecified 1 Coat Industry Average	Finishes to ceilings	False Modular Plaster Ceiling - Office Style	Final Coat	m2 (Default)	3396.8	20,380.8	0%	0%
Steel General Unspecified Industry Average	Finishes to ceilings	False Modular Plaster Ceiling - Office Style	Consumables, paint tins, rollers etc)	kg	33.968	135.87	40.33%	80%
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Ceiling finishes	False Modular Plaster Ceiling - Office Style	Plasterboard	m2 (Default)	3396.8	6,793.6	0%	0%
Timber General Industry Average	External doors	Door, Solid Core and Wooden Jam (Entry)	Door Jam	m3	10.444875	10.44	0%	0%

Steel Stainless Unspecified Industry Average	Fittings, furnishings and equipment	Door, Solid Core and Wooden Jam (Entry)	Door Hardware (Handles, Hinges, Locks)	kg	198.95	0	40.33%	80%
Paints and Finishes Unspecified 2 Coats Industry Average	Paint - Walls	Door, Solid Core and Wooden Jam (Entry)	Door and Frame Paint Interior	m2 (Default)	497.375	2,984.25	0%	0%
Paints and Finishes Unspecified 2 Coats Industry Average	External Paint, Textures and Renders	Door, Solid Core and Wooden Jam (Entry)	Door and Frame Paint Exterior	m2 (Default)	497.375	2,984.25	0%	0%
Timber General Industry Average	External doors	Door, Solid Core and Wooden Jam (Entry)	Door	kg	9947.5	19,895	0%	0%
Timber General Industry Average	External doors	* Door, Hollow Core and Wooden Jam	Door Jam	m3	81.627	81.63	0%	0%
Steel Stainless Unspecified Industry Average	Fittings, furnishings and equipment	* Door, Hollow Core and Wooden Jam	Door Hardware (Handles, Hinges, Locks)	kg	1554.8	0	40.33%	80%
Paints and Finishes Unspecified 2 Coats Industry Average	Paint - Walls	* Door, Hollow Core and Wooden Jam	Paint	m2 (Default)	7774	46,644	0%	0%
Timber General Industry Average	External doors	* Door, Hollow Core and Wooden Jam	Door	kg	31096	62,192	0%	0%
Concrete Unreinforced Unspecified Industry Average	External enclosing walls above ground level	100-75-100 Insulated Cavity Concrete Block	100mm Concrete Blocks	m3	23.94	0	0%	0%
Cements and Limes Mortars and Renders 1 cement : 4 sand Industry Average	External enclosing walls above ground level	100-75-100 Insulated Cavity Concrete Block	Mortar (20kg per 10 blocks)	kg	2394	0	0%	0%
Aluminium General Industry Average	External enclosing walls above ground level	100-75-100 Insulated Cavity Concrete Block	Flashing	kg	47.88	0	35.33%	57.33%
Plastics High Density Polyethylene (HDPE) Unspecified Industry Average	External enclosing walls above ground level	100-75-100 Insulated Cavity Concrete Block	Waterproof membrane	m3	0.02394	0	5%	20%
Plastics High Density Polyethylene (HDPE) Unspecified Industry Average	Standard foundations	100-75-100 Insulated Cavity Concrete Block	Waterproof Membrane	m3	0.03591	3.59	5%	20%
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	100-75-100 Insulated Cavity Concrete Block	Sealer	m2 (Default)	119.7	239.4	0%	0%
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	100-75-100 Insulated Cavity Concrete Block	Undercoat	m2 (Default)	119.7	718.2	0%	0%
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	100-75-100 Insulated Cavity Concrete Block	Final Coat	m2 (Default)	119.7	1,556.1	0%	0%
Paints and Finishes Unspecified 1 Coat Industry Average	External enclosing walls above ground level	100-75-100 Insulated Cavity Concrete Block	1st Coat	m2 (Default)	119.7	239.4	0%	0%
Paints and Finishes Unspecified 1 Coat Industry Average	External enclosing walls above ground level	100-75-100 Insulated Cavity Concrete Block	2nd Coat	m2 (Default)	119.7	718.2	0%	0%
Paints and Finishes Unspecified 3 Coats Industry Average	External enclosing walls above ground level	100-75-100 Insulated Cavity Concrete Block	Final Coat	m2 (Default)	119.7	1,197	0%	0%
Insulation Blankets and Batts Mineral Wool Blanket R 2.0 Industry Average	Insulation	100-75-100 Insulated Cavity Concrete Block	fully filled cavity	m3	8.9775	8.98	0%	0%
Concrete Reinforced 1.0% Reinforcement by mass 30 MPa Industry Average	Standard foundations	100-75-100 Insulated Cavity Concrete Block	Foundations	m3	8.04384	0	0%	0%
Concrete Unreinforced Unspecified Industry Average	External enclosing walls above ground level	100-125-240, Concrete block, aerated clay	100mm Concrete Blocks	m3	34.65	0	0%	0%
Cements and Limes Mortars and Renders 1 cement : 4 sand Industry Average	External enclosing walls above ground level	100-125-240, Concrete block, aerated clay	Mortar (20kg per 10 blocks)	kg	3465	0	0%	0%
Aluminium General Industry Average	External enclosing walls above ground level	100-125-240, Concrete block, aerated clay	Flashing	kg	69.3	0	35.33%	57.33%
Plastics High Density Polyethylene (HDPE) Unspecified Industry Average	External enclosing walls above ground level	100-125-240, Concrete block, aerated clay	Waterproof membrane	m3	0.03465	0	5%	20%
Plastics High Density Polyethylene (HDPE) Unspecified Industry Average	Standard foundations	100-125-240, Concrete block, aerated clay	Waterproof Membrane	m3	0.051975	5.2	5%	20%
Concrete Unreinforced Unspecified Industry Average	Wall finishes	100-125-240, Concrete block, aerated clay	Pre plaster float	m3	1.7325	0	0%	0%

Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Wall finishes	100-125-240, Concrete block, aerated clay	Plaster	m2 (Default)	173.25	346.5	0%	0%
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	100-125-240, Concrete block, aerated clay	Sealer	m2 (Default)	173.25	346.5	0%	0%
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	100-125-240, Concrete block, aerated clay	Undercoat	m2 (Default)	173.25	1,039.5	0%	0%
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	100-125-240, Concrete block, aerated clay	Final Coat	m2 (Default)	173.25	2,252.25	0%	0%
Timber Medium Density Fibreboard (MDF) Industry Average	Cornices & Shadowlines	100-125-240, Concrete block, aerated clay	Skirting boards	m3	0.17325	.35	0%	0%
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Cornices & Shadowlines	100-125-240, Concrete block, aerated clay	Cornices	m3	0.1386	.28	0%	0%
Plastics Acrylic Unspecified Industry Average	Wall finishes	100-125-240, Concrete block, aerated clay	Bonding agent (pre render)	m3	0.017325	.03	0%	0%
Paints and Finishes Unspecified 1 Coat Industry Average	External enclosing walls above ground level	100-125-240, Concrete block, aerated clay	1st Coat	m2 (Default)	173.25	346.5	0%	0%
Paints and Finishes Unspecified 1 Coat Industry Average	External enclosing walls above ground level	100-125-240, Concrete block, aerated clay	2nd Coat	m2 (Default)	173.25	1,039.5	0%	0%
Paints and Finishes Unspecified 3 Coats Industry Average	External enclosing walls above ground level	100-125-240, Concrete block, aerated clay	Final Coat	m2 (Default)	173.25	1,732.5	0%	0%
Insulation Blankets and Batts Mineral Wool Blanket R 2.0 Industry Average	Insulation	100-125-240, Concrete block, aerated clay	fully filled cavity	m3	12.99375	12.99	0%	0%
Concrete Reinforced 1.0% Reinforcement by mass 30 MPa Industry Average	Standard foundations	100-125-240, Concrete block, aerated clay	Foundations	m3	11.6424	0	0%	0%
Concrete Unreinforced Unspecified Industry Average	External enclosing walls above ground level	140-200-140 Concrete block cavity	100mm Concrete Blocks	m3	22.638	0	0%	0%
Cements and Limes Mortars and Renders 1 cement : 4 sand Industry Average	External enclosing walls above ground level	140-200-140 Concrete block cavity	Mortar (20kg per 10 blocks)	kg	1617	0	0%	0%
Aluminium General Industry Average	External enclosing walls above ground level	140-200-140 Concrete block cavity	Flashing	kg	32.34	0	35.33%	57.33%
Plastics High Density Polyethylene (HDPE) Unspecified Industry Average	External enclosing walls above ground level	140-200-140 Concrete block cavity	Waterproof membrane	m3	0.01617	0	5%	20%
Plastics High Density Polyethylene (HDPE) Unspecified Industry Average	Standard foundations	140-200-140 Concrete block cavity	Waterproof Membrane	m3	0.024255	2.43	5%	20%
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	140-200-140 Concrete block cavity	Sealer	m2 (Default)	80.85	161.7	0%	0%
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	140-200-140 Concrete block cavity	Undercoat	m2 (Default)	80.85	485.1	0%	0%
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	140-200-140 Concrete block cavity	Final Coat	m2 (Default)	80.85	1,051.05	0%	0%
Paints and Finishes Unspecified 1 Coat Industry Average	External enclosing walls above ground level	140-200-140 Concrete block cavity	1st Coat	m2 (Default)	80.85	161.7	0%	0%
Paints and Finishes Unspecified 1 Coat Industry Average	External enclosing walls above ground level	140-200-140 Concrete block cavity	2nd Coat	m2 (Default)	80.85	485.1	0%	0%
Paints and Finishes Unspecified 3 Coats Industry Average	External enclosing walls above ground level	140-200-140 Concrete block cavity	Final Coat	m2 (Default)	80.85	808.5	0%	0%
Insulation Blankets and Batts Mineral Wool Blanket R 2.0 Industry Average	Insulation	140-200-140 Concrete block cavity	fully filled cavity	m3	16.17	16.17	0%	0%
Concrete Reinforced 1.0% Reinforcement by mass 30 MPa Industry Average	Standard foundations	140-200-140 Concrete block cavity	Foundations	m3	5.43312	0	0%	0%
Concrete Unreinforced Unspecified Industry Average	External enclosing walls above ground level	140mm Concrete Block	140mm Concrete Blocks	m3	63.21	0	0%	0%

Cements and Limes Mortars and Renders 1 cement : 4 sand Industry Average	External enclosing walls above ground level	140mm Concrete Block	Mortar (20kg per 10 blocks)	kg	9030	0	0%	0%
Aluminium General Industry Average	External enclosing walls above ground level	140mm Concrete Block	Flashing	kg	180.6	0	35.33%	57.33%
Plastics High Density Polyethylene (HDPE) Unspecified Industry Average	Standard foundations	140mm Concrete Block	Waterproof Membrane	m3	0.13545	13.55	5%	20%
Concrete Unreinforced Unspecified Industry Average	Wall finishes	140mm Concrete Block	Pre plaster float	m3	4.515	0	0%	0%
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Wall finishes	140mm Concrete Block	Plaster	m2 (Default)	451.5	903	0%	0%
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	140mm Concrete Block	Sealer	m2 (Default)	451.5	903	0%	0%
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	140mm Concrete Block	Undercoat	m2 (Default)	451.5	2,709	0%	0%
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	140mm Concrete Block	Final Coat	m2 (Default)	451.5	5,869.5	0%	0%
Timber Medium Density Fibreboard (MDF) Industry Average	Cornices & Shadowlines	140mm Concrete Block	Skirting boards	m3	0.4515	.9	0%	0%
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Cornices & Shadowlines	140mm Concrete Block	Cornices	m3	0.3612	.72	0%	0%
Plastics Acrylic Unspecified Industry Average	Wall finishes	140mm Concrete Block	Bonding agent (pre render)	m3	0.04515	.09	0%	0%
Paints and Finishes Unspecified 1 Coat Industry Average	External enclosing walls above ground level	140mm Concrete Block	1st Coat	m2 (Default)	451.5	903	0%	0%
Paints and Finishes Unspecified 1 Coat Industry Average	External enclosing walls above ground level	140mm Concrete Block	2nd Coat	m2 (Default)	451.5	2,709	0%	0%
Paints and Finishes Unspecified 3 Coats Industry Average	External enclosing walls above ground level	140mm Concrete Block	Final Coat	m2 (Default)	451.5	4,515	0%	0%
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	External enclosing walls above ground level	140mm Concrete Block	Plaster	m2 (Default)	451.5	903	0%	0%
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	External enclosing walls above ground level	140mm Concrete Block	Cornices	m3	0.3612	.72	0%	0%
Plastics Acrylic Unspecified Industry Average	External enclosing walls above ground level	140mm Concrete Block	Bonding Agent Pre render	kg	0.04515	.09	0%	0%
Concrete Unreinforced Unspecified Industry Average	External enclosing walls above ground level	140mm Concrete Block	Pre plaster float	m3	4.515	0	0%	0%
Concrete Reinforced 1.0% Reinforcement by mass 30 MPa Industry Average	Standard foundations	140mm Concrete Block	Foundations	m3	30.3408	0	0%	0%
Paints and Finishes Unspecified 2 Coats Industry Average	Paint - Walls	Timber double frame, Plbrd x2 on both sides	Sealer	m2 (Default)	5982.9	11,965.8	0%	0%
Paints and Finishes Unspecified 2 Coats Industry Average	Paint - Walls	Timber double frame, Plbrd x2 on both sides	Undercoat	m2 (Default)	5982.9	35,897.4	0%	0%
Paints and Finishes Unspecified 2 Coats Industry Average	Paint - Walls	Timber double frame, Plbrd x2 on both sides	Final Coat	m2 (Default)	5982.9	77,777.7	0%	0%
Timber Medium Density Fibreboard (MDF) Industry Average	Cornices & Shadowlines	Timber double frame, Plbrd x2 on both sides	Skirting boards	m3	11.9658	23.93	0%	0%
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Cornices & Shadowlines	Timber double frame, Plbrd x2 on both sides	Cornices	m3	9.57264	19.15	0%	0%
Timber Softwood Industry Average	External enclosing walls above ground level	Timber double frame, Plbrd x2 on both sides	Bottom Plate	m3	12.56409	0	0%	0%
Timber Softwood Industry Average	External enclosing walls above ground level	Timber double frame, Plbrd x2 on both sides	Top Plate	m3	12.56409	0	0%	0%
Timber Softwood Industry Average	External enclosing walls above ground	Timber double frame, Plbrd x2 on both sides	Nogs	m3	11.9658	0	0%	0%

	level								
Timber Softwood Industry Average	External enclosing walls above ground level	Timber double frame, Plbrd x2 on both sides	Studs at 600mm Centres	m3	119.658	0	0%	0%	
Steel General Unspecified Industry Average	External enclosing walls above ground level	Timber double frame, Plbrd x2 on both sides	Bracing Straps and tie downs	kg	358.974	0	40.33%	80%	
Plaster and Gypsum Derived Products Plaster Board 12mm Sheets Industry Average	Wall finishes	Timber double frame, Plbrd x2 on both sides	Plaster Board	m3	358.974	717.95	0%	0%	
Plaster and Gypsum Derived Products Plaster Board 12mm Sheets Industry Average	External enclosing walls above ground level	Timber double frame, Plbrd x2 on both sides	2 layers plasterboards both sides	m3	358.974	717.95	0%	0%	
Steel General Unspecified Industry Average	External enclosing walls above ground level	Timber double frame, Plbrd x2 on both sides	Fasteners / nails	kg	598.29	0	40.33%	80%	
Insulation Blankets and Batts Polyester Batts Unspecified Industry Average	Insulation	Timber double frame, Plbrd x2 on both sides	Polyurethane Batts	m3	179.487	179.49	0%	0%	
Plastics High Density Polyethylene (HDPE) Unspecified Industry Average	External enclosing walls above ground level	Timber double frame, Plbrd x2 on both sides	Waterproof membrane	m3	0.59829	0	5%	20%	
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Timber Frame Stud, Pbrd, paint	Sealer	m2 (Default)	25853.1	51,706.2	0%	0%	
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Timber Frame Stud, Pbrd, paint	Undercoat	m2 (Default)	25853.1	155,118.6	0%	0%	
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Timber Frame Stud, Pbrd, paint	Final Coat	m2 (Default)	25853.1	336,090.3	0%	0%	
Timber Medium Density Fibreboard (MDF) Industry Average	Cornices & Shadowlines	Timber Frame Stud, Pbrd, paint	Skirting boards	m3	27.145755	54.29	0%	0%	
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Cornices & Shadowlines	Timber Frame Stud, Pbrd, paint	Cornices	m3	20.68248	41.36	0%	0%	
Timber Softwood Industry Average	External enclosing walls above ground level	Timber Frame Stud, Pbrd, paint	Bottom Plate	m3	16.804515	0	0%	0%	
Timber Softwood Industry Average	External enclosing walls above ground level	Timber Frame Stud, Pbrd, paint	Top Plate	m3	16.804515	0	0%	0%	
Timber Softwood Industry Average	External enclosing walls above ground level	Timber Frame Stud, Pbrd, paint	Nogs	m3	16.804515	0	0%	0%	
Timber Softwood Industry Average	External enclosing walls above ground level	Timber Frame Stud, Pbrd, paint	Studs at 450mm Centres	m3	217.16604	0	0%	0%	
Steel General Unspecified Industry Average	External enclosing walls above ground level	Timber Frame Stud, Pbrd, paint	Bracing Straps and tie downs	kg	775.593	0	40.33%	80%	
Plaster and Gypsum Derived Products Plaster Board 12mm Sheets Industry Average	Wall finishes	Timber Frame Stud, Pbrd, paint	Plaster Board	m3	387.7965	775.59	0%	0%	
Steel General Unspecified Industry Average	External enclosing walls above ground level	Timber Frame Stud, Pbrd, paint	Fasteners / nails	kg	1292.655	0	40.33%	80%	
Insulation Blankets and Batts Polyester Batts Unspecified Industry Average	Insulation	Timber Frame Stud, Pbrd, paint	Polyurethane Batts	m3	387.7965	387.8	0%	0%	
Plastics High Density Polyethylene (HDPE) Unspecified Industry Average	External enclosing walls above ground level	Timber Frame Stud, Pbrd, paint	Waterproof membrane	m3	1.292655	0	5%	20%	
Aluminium General Industry Average	External enclosing walls above ground level	Structural 200mm Concrete Wall	Flashing	kg	243.03825	0	35.33%	57.33%	
Plastics High Density Polyethylene (HDPE) Unspecified Industry Average	External enclosing walls above ground level	Structural 200mm Concrete Wall	Waterproof membrane	m3	0.124635	0	5%	20%	
Plastics High Density Polyethylene (HDPE) Unspecified Industry Average	Standard foundations	Structural 200mm Concrete Wall	Waterproof Membrane	m3	0.373905	37.39	5%	20%	

Concrete Unreinforced Unspecified Industry Average	Wall finishes	Structural 200mm Concrete Wall	Pre plaster float	m3	12.4635	0	0%	0%
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Wall finishes	Structural 200mm Concrete Wall	Plaster	m2 (Default)	1246.35	2,492.7	0%	0%
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Structural 200mm Concrete Wall	Sealer	m2 (Default)	1246.35	2,492.7	0%	0%
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Structural 200mm Concrete Wall	Undercoat	m2 (Default)	1246.35	7,478.1	0%	0%
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Structural 200mm Concrete Wall	Final Coat	m2 (Default)	1246.35	16,202.55	0%	0%
Timber Medium Density Fibreboard (MDF) Industry Average	Cornices & Shadowlines	Structural 200mm Concrete Wall	Skirting boards	m3	1.24635	2.49	0%	0%
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Cornices & Shadowlines	Structural 200mm Concrete Wall	Cornices	m3	0.99708	1.99	0%	0%
Plastics Acrylic Unspecified Industry Average	Wall finishes	Structural 200mm Concrete Wall	Bonding agent (pre render)	m3	0.124635	.25	0%	0%
Concrete Reinforced 1.0% Reinforcement by mass 30 MPa Industry Average	External enclosing walls above ground level	Structural 200mm Concrete Wall	200mm Solid Concrete Wall	m3	249.27	0	0%	0%
Paints and Finishes Unspecified 1 Coat Industry Average	External enclosing walls above ground level	Structural 200mm Concrete Wall	Sealer	m2 (Default)	1246.35	2,492.7	0%	0%
Paints and Finishes Unspecified 1 Coat Industry Average	External enclosing walls above ground level	Structural 200mm Concrete Wall	Undercoat	m2 (Default)	1246.35	7,478.1	0%	0%
Paints and Finishes Unspecified 1 Coat Industry Average	External enclosing walls above ground level	Structural 200mm Concrete Wall	Final Coat	m2 (Default)	1246.35	12,463.5	0%	0%
Concrete Reinforced 1.0% Reinforcement by mass 30 MPa Industry Average	Standard foundations	Structural 200mm Concrete Wall	Foundations	m3	83.75472	0	0%	0%
Concrete Reinforced 1.0% Reinforcement by mass 30 MPa Industry Average	Standard foundations	215mm Concrete Block	Foundations	m3	3.24576	0	0%	0%
Concrete Unreinforced Unspecified Industry Average	External enclosing walls above ground level	215mm Concrete Block	215mm Concrete Blocks	m3	10.3845	0	0%	0%
Cements and Limes Mortars and Renders 1 cement : 4 sand Industry Average	External enclosing walls above ground level	215mm Concrete Block	Mortar (20kg per 10 blocks)	kg	966	0	0%	0%
Aluminium General Industry Average	External enclosing walls above ground level	215mm Concrete Block	Flashing	kg	19.32	0	35.33%	57.33%
Plastics High Density Polyethylene (HDPE) Unspecified Industry Average	Standard foundations	215mm Concrete Block	Waterproof Membrane	m3	0.01449	1.45	5%	20%
Concrete Unreinforced Unspecified Industry Average	Wall finishes	215mm Concrete Block	Pre plaster float	m3	0.483	0	0%	0%
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Wall finishes	215mm Concrete Block	Plaster	m2 (Default)	48.3	96.6	0%	0%
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	215mm Concrete Block	Sealer	m2 (Default)	48.3	96.6	0%	0%
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	215mm Concrete Block	Undercoat	m2 (Default)	48.3	289.8	0%	0%
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	215mm Concrete Block	Final Coat	m2 (Default)	48.3	627.9	0%	0%
Timber Medium Density Fibreboard (MDF) Industry Average	Cornices & Shadowlines	215mm Concrete Block	Skirting boards	m3	0.0483	.1	0%	0%
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Cornices & Shadowlines	215mm Concrete Block	Cornices	m3	0.03864	.08	0%	0%
Plastics Acrylic Unspecified Industry Average	Wall finishes	215mm Concrete Block	Bonding agent (pre render)	m3	0.00483	.01	0%	0%
Paints and Finishes Unspecified 1 Coat Industry Average	External enclosing walls above ground level	215mm Concrete Block	1st Coat	m2 (Default)	48.3	96.6	0%	0%
Paints and Finishes Unspecified 1 Coat Industry Average	External enclosing walls above ground level	215mm Concrete Block	2nd Coat	m2 (Default)	48.3	289.8	0%	0%

Paints and Finishes Unspecified 3 Coats Industry Average	External enclosing walls above ground level	215mm Concrete Block	Final Coat	m2 (Default)	48.3	483	0%	0%
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	External enclosing walls above ground level	215mm Concrete Block	Plaster	m2 (Default)	48.3	96.6	0%	0%
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	External enclosing walls above ground level	215mm Concrete Block	Cornices	m3	0.03864	.08	0%	0%
Plastics Acrylic Unspecified Industry Average	External enclosing walls above ground level	215mm Concrete Block	Bonding Agent Pre render	kg	0.00483	.01	0%	0%
Concrete Unreinforced Unspecified Industry Average	External enclosing walls above ground level	215mm Concrete Block	Pre plaster float	m3	0.483	0	0%	0%
Concrete Reinforced 1.0% Reinforcement by mass 30 MPa Industry Average	Standard foundations	100-190-100, Concrete block, cavity, render	Foundations	m3	6.27984	0	0%	0%
Concrete Unreinforced Unspecified Industry Average	External enclosing walls above ground level	100-190-100, Concrete block, cavity, render	100mm Concrete Blocks	m3	18.69	0	0%	0%
Cements and Limes Mortars and Renders 1 cement : 4 sand Industry Average	External enclosing walls above ground level	100-190-100, Concrete block, cavity, render	Mortar (20kg per 10 blocks)	kg	1869	0	0%	0%
Aluminium General Industry Average	External enclosing walls above ground level	100-190-100, Concrete block, cavity, render	Flashing	kg	37.38	0	35.33%	57.33%
Plastics High Density Polyethylene (HDPE) Unspecified Industry Average	External enclosing walls above ground level	100-190-100, Concrete block, cavity, render	Waterproof membrane	m3	0.01869	0	5%	20%
Plastics High Density Polyethylene (HDPE) Unspecified Industry Average	Standard foundations	100-190-100, Concrete block, cavity, render	Waterproof Membrane	m3	0.028035	2.8	5%	20%
Concrete Unreinforced Unspecified Industry Average	Wall finishes	100-190-100, Concrete block, cavity, render	Pre plaster float	m3	0.9345	0	0%	0%
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Wall finishes	100-190-100, Concrete block, cavity, render	Plaster	m2 (Default)	93.45	186.9	0%	0%
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	100-190-100, Concrete block, cavity, render	Sealer	m2 (Default)	93.45	186.9	0%	0%
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	100-190-100, Concrete block, cavity, render	Undercoat	m2 (Default)	93.45	560.7	0%	0%
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	100-190-100, Concrete block, cavity, render	Final Coat	m2 (Default)	93.45	1,214.85	0%	0%
Timber Medium Density Fibreboard (MDF) Industry Average	Cornices & Shadowlines	100-190-100, Concrete block, cavity, render	Skirting boards	m3	0.09345	.19	0%	0%
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Cornices & Shadowlines	100-190-100, Concrete block, cavity, render	Cornices	m3	0.07476	.15	0%	0%
Plastics Acrylic Unspecified Industry Average	Wall finishes	100-190-100, Concrete block, cavity, render	Bonding agent (pre render)	m3	0.009345	.02	0%	0%
Paints and Finishes Unspecified 1 Coat Industry Average	External enclosing walls above ground level	100-190-100, Concrete block, cavity, render	1st Coat	m2 (Default)	93.45	186.9	0%	0%
Paints and Finishes Unspecified 1 Coat Industry Average	External enclosing walls above ground level	100-190-100, Concrete block, cavity, render	2nd Coat	m2 (Default)	93.45	560.7	0%	0%
Paints and Finishes Unspecified 3 Coats Industry Average	External enclosing walls above ground level	100-190-100, Concrete block, cavity, render	Final Coat	m2 (Default)	93.45	934.5	0%	0%
Insulation Blankets and Batts Mineral Wool Blanket R 2.0 Industry Average	Insulation	100-190-100, Concrete block, cavity, render	fully filled cavity	m3	17.7555	17.76	0%	0%
Cements and Limes Mortars and Renders 1 Lime : 3 sand Industry Average	External enclosing walls above ground level	100-190-100, Concrete block, cavity, render	Clay block mortar	kg	1869	0	0%	0%
Plastics High Density Polyethylene (HDPE) Unspecified Industry Average	External enclosing walls above ground level	Timber Frame, 90mm Pbrd x2, paint both sides	Waterproof membrane	m3	0.049245	0	5%	20%

Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Timber Frame, 90mm Pbrd x2, paint both sides	Sealer	m2 (Default)	984.9	1,969.8	0%	0%
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Timber Frame, 90mm Pbrd x2, paint both sides	Undercoat	m2 (Default)	984.9	5,909.4	0%	0%
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Timber Frame, 90mm Pbrd x2, paint both sides	Final Coat	m2 (Default)	984.9	12,803.7	0%	0%
Timber Medium Density Fibreboard (MDF) Industry Average	Cornices & Shadowlines	Timber Frame, 90mm Pbrd x2, paint both sides	Skirting boards	m3	1.034145	2.07	0%	0%
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Cornices & Shadowlines	Timber Frame, 90mm Pbrd x2, paint both sides	Cornices	m3	0.78792	1.58	0%	0%
Timber Softwood Industry Average	External enclosing walls above ground level	Timber Frame, 90mm Pbrd x2, paint both sides	Bottom Plate	m3	0.640185	0	0%	0%
Timber Softwood Industry Average	External enclosing walls above ground level	Timber Frame, 90mm Pbrd x2, paint both sides	Top Plate	m3	0.640185	0	0%	0%
Timber Softwood Industry Average	External enclosing walls above ground level	Timber Frame, 90mm Pbrd x2, paint both sides	Nogs	m3	0.640185	0	0%	0%
Timber Softwood Industry Average	External enclosing walls above ground level	Timber Frame, 90mm Pbrd x2, paint both sides	Studs at 600mm Centres	m3	6.20487	0	0%	0%
Steel General Unspecified Industry Average	External enclosing walls above ground level	Timber Frame, 90mm Pbrd x2, paint both sides	Bracing Straps and tie downs	kg	29.547	0	40.33%	80%
Plaster and Gypsum Derived Products Plaster Board 12mm Sheets Industry Average	Wall finishes	Timber Frame, 90mm Pbrd x2, paint both sides	Plaster Board	m3	29.547	59.09	0%	0%
Steel General Unspecified Industry Average	External enclosing walls above ground level	Timber Frame, 90mm Pbrd x2, paint both sides	Fasteners / nails	kg	49.245	0	40.33%	80%
Insulation Blankets and Batts Polyester Batts Unspecified Industry Average	Insulation	Timber Frame, 90mm Pbrd x2, paint both sides	Polyurethane Batts	m3	14.7735	14.77	0%	0%
Plastics High Density Polyethylene (HDPE) Unspecified Industry Average	External enclosing walls above ground level	* Timber Frame, 30mm insul, Pbrd, paint both sides	Waterproof membrane	m3	0.273315	0	5%	20%
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	* Timber Frame, 30mm insul, Pbrd, paint both sides	Sealer	m2 (Default)	5466.3	10,932.6	0%	0%
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	* Timber Frame, 30mm insul, Pbrd, paint both sides	Undercoat	m2 (Default)	5466.3	32,797.8	0%	0%
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	* Timber Frame, 30mm insul, Pbrd, paint both sides	Final Coat	m2 (Default)	5466.3	71,061.9	0%	0%
Timber Medium Density Fibreboard (MDF) Industry Average	Cornices & Shadowlines	* Timber Frame, 30mm insul, Pbrd, paint both sides	Skirting boards	m3	5.739615	11.48	0%	0%
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Cornices & Shadowlines	* Timber Frame, 30mm insul, Pbrd, paint both sides	Cornices	m3	4.37304	8.75	0%	0%
Timber Softwood Industry Average	External enclosing walls above ground level	* Timber Frame, 30mm insul, Pbrd, paint both sides	Bottom Plate	m3	3.553095	0	0%	0%
Timber Softwood Industry Average	External enclosing walls above ground level	* Timber Frame, 30mm insul, Pbrd, paint both sides	Top Plate	m3	3.553095	0	0%	0%
Timber Softwood Industry Average	External enclosing walls above ground level	* Timber Frame, 30mm insul, Pbrd, paint both sides	Nogs	m3	3.553095	0	0%	0%
Timber Softwood Industry Average	External enclosing walls above ground level	* Timber Frame, 30mm insul, Pbrd, paint both sides	Studs at 450mm Centres	m3	45.91692	0	0%	0%
Steel General Unspecified Industry Average	External enclosing walls above ground level	* Timber Frame, 30mm insul, Pbrd, paint both sides	Bracing Straps and tie downs	kg	163.989	0	40.33%	80%
Plaster and Gypsum Derived Products Plaster Board 12mm Sheets Industry Average	Wall finishes	* Timber Frame, 30mm insul, Pbrd, paint both sides	Plaster Board	m3	81.9945	163.99	0%	0%
Steel General Unspecified Industry Average	External enclosing walls above ground	* Timber Frame, 30mm insul, Pbrd, paint both sides	Fasteners / nails	kg	273.315	0	40.33%	80%

	level								
Insulation Blankets and Batts Polyester Batts Unspecified Industry Average	Insulation	* Timber Frame, 30mm insul, Plbrd, paint both sides	Polyurethane Batts	m3	136.6575	136.66	0%	0%	
Steel General Unspecified Industry Average	External enclosing walls above ground level	Steel stud, 600mm centre, plbrd one side	Steel Framing - 90mm Wall	kg	204.865687	0	40.33%	80%	
Steel General Unspecified Industry Average	External enclosing walls above ground level	Steel stud, 600mm centre, plbrd one side	Brackets and Fasteners	kg	13.0325	0	40.33%	80%	
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Steel stud, 600mm centre, plbrd one side	Sealer	m2 (Default)	52.13	104.26	0%	0%	
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Steel stud, 600mm centre, plbrd one side	Undercoat	m2 (Default)	52.13	312.78	0%	0%	
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Steel stud, 600mm centre, plbrd one side	Final Coat	m2 (Default)	52.13	677.69	0%	0%	
Timber Medium Density Fibreboard (MDF) Industry Average	Cornices & Shadowlines	Steel stud, 600mm centre, plbrd one side	Skirting boards	m3	0.05213	.1	0%	0%	
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Cornices & Shadowlines	Steel stud, 600mm centre, plbrd one side	Cornices	m3	0.041704	.08	0%	0%	
Plaster and Gypsum Derived Products Plaster Board 12mm Sheets Industry Average	Wall finishes	Steel stud, 600mm centre, plbrd one side	Plaster Board	m2 (Default)	52.13	104.26	0%	0%	
Steel General Unspecified Industry Average	External enclosing walls above ground level	Steel stud, 600mm centre, plbrd one side	Fastners and/or nails	kg	1.30325	130.32	40.33%	80%	
Plastics Polyvinyl Chloride (PVC) Unspecified Industry Average	Roof structure	Green Roof, Bitumen, EPS	Root resistant	kg	5144.04	0	5%	20%	
Plastics High Density Polyethylene (HDPE) Unspecified Industry Average	Roof structure	Green Roof, Bitumen, EPS	Drainage mesh module	kg	2572.02	0	5%	20%	
Plastics High Density Polyethylene (HDPE) Unspecified Industry Average	Roof structure	Green Roof, Bitumen, EPS	Water drainage tray	kg	857.34	0	5%	20%	
Carpets and Floor Coverings Underlay Felt Industry Average	Roof structure	Green Roof, Bitumen, EPS	Filter fabric	kg	119.075	238.15	0%	0%	
Plastics High Density Polyethylene (HDPE) Unspecified Industry Average	Roof structure	Green Roof, Bitumen, EPS	Confinement cells	kg	1524.16	0	5%	20%	
Bulk Aggregates Sands and Soils Sand (Compacted) Unspecified Industry Average	Roof structure	Green Roof, Bitumen, EPS	Growing Media	m3	95.26	0	0%	0%	
Insulation Rigid Foams and Boards Polystyrene Unspecified Industry Average	Insulation	Green Roof, Bitumen, EPS	EPS 170mm	m3	166.705	166.7	0%	0%	
Asphalt and Bitumen Asphalt Unspecified Industry Average	Roof coverings	Green Roof, Bitumen, EPS	Bitumen	m3	9.526	0	0%	0%	
Plastics Polyvinyl Chloride (PVC) PVC Pipe Industry Average	Roof drainage	Green Roof, Bitumen, EPS	Down pipe	m3	0.07128	.14	5%	20%	
Plastics Polyvinyl Chloride (PVC) PVC Pipe Industry Average	Roof drainage	Green Roof, Bitumen, EPS	Gutter	m3	0.03036	.06	5%	20%	
Finished Products Electrical Goods Solar PV Panels Monocrystalline Unspecified Industry Average	Electrical installations	Monocrystalline Solar System - Zone 3	Panels	m2 (Default)	147.2	588.8	0%	0%	
Finished Products Electrical Goods Inverter Industry Average	Electrical installations	Monocrystalline Solar System - Zone 3	Inverter and cables etc	kg	575	5,750	0%	0%	
Aluminium General Industry Average	Electrical installations	Monocrystalline Solar System - Zone 3	Frames	kg	1150	2,300	35.33%	57.33%	

Operational Energy

Type	Distribution Grid	Category	Description	Units	Annual Quantity	Life Cycle Quantity
Electricity	2013 EU United Kingdom	Lighting	Lighting Electricity Consumption	MJ/year	114290.001	11429000.1
Electricity	2013 EU United Kingdom	Lighting	Lighting Electricity Consumption	MJ/year	51636.123	5163612.3
Other	Heat from Biomass	Domestic Water Heating	Hot Water Energy Demand	MJ/year	2048610.96	204861096
Electricity	2013 EU United Kingdom	Lifts, Elevators and Conveying	Lift Standby	MJ/year	29878.8	2987880
Electricity	2013 EU United Kingdom	Power Generation and Storage	Solar Generation	MJ/year	-71076	-7107600
Electricity	2013 EU United Kingdom	Cooking and Food Preparation	Cooking electric	MJ/year	231716	23171600
Electricity	2013 EU United Kingdom	HVAC	Mech vent heat recovery	MJ/year	185705	18570500

Electricity	2013 EU United Kingdom	Appliances Entertainment	Appliances	MJ/year	568260.16	56826016
Other	Heat from Biomass	HVAC	Biomass heating hydronic	MJ/year	399360.6	39936060
Electricity	2013 EU United Kingdom	Appliances Laundry Appliances	LAundry and dryer	MJ/year	240417.76	24041776
Electricity	2013 EU United Kingdom	Refrigeration	Fridges and Freezer	MJ/year	284130.08	28413008
Electricity	2013 EU United Kingdom	Water Pumping	Hot Water Distribution	MJ/year	157788	15778800
Gas	General Distributed Gas	HVAC	Gas Heating backup	MJ/year	44373.4	4437340
Gas	General Distributed Gas	Domestic Water Heating	Gas backup water heating	MJ/year	189686.2	18968620

Operational Water

Type	Distribution Grid	Category	Description	Units	Annual Quantity	Life Cycle Quantity
Water	UK Average Water Supply	Water Supply	Water supply and treatment general	kL/year	11789.3175	1178931.75
Water	UK Average Water Supply	Water Supply	Water supply and treatment general	kL/year	11789.3175	1178931.75

Equipment Transport

Equipment Name	Category	Description	Distance	Mode
Trade Staff (Small Electrical Equipment)	Services equipment	Electrician	30	Trades Vehicle (No Cost)
Trench Digger / Dingo	Services equipment	Services trench	50	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Services equipment	Plumber, installation from stret	30	Trades Vehicle (No Cost)
Trench Digger / Dingo	Services equipment	Services trench	50	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Services equipment	Plumber, installation from stret	30	Trades Vehicle (No Cost)
Trench Digger / Dingo	Services equipment	Trenching	50	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Services equipment	Connection and Installation	30	Trades Vehicle (No Cost)
Trench Digger / Dingo	Services equipment	Trenching	50	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Services equipment	Connection and Installation	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Services equipment	Electrician	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Services equipment	Electrician	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Fittings, furnishings and equipment	Electrician Fit Lights	30	Trades Vehicle (No Cost)
Trade Staff (No Equipment, labour transport only)	Fittings, furnishings and equipment	Change Light Bulbs	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Fittings, furnishings and equipment	Electrician Fit Lights	30	Trades Vehicle (No Cost)
Trade Staff (No Equipment, labour transport only)	Fittings, furnishings and equipment	Change Light Bulbs	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Services equipment	Plumber for HWS installation	30	Trades Vehicle (No Cost)
Offsite Manufacturing / Prefabrication Process	Services equipment	Hot Water Unit Assembly	0	Sea
Trade Staff (Large Elect Equipment)	Services equipment	Install Lift	40	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Services equipment	Service lift	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Services equipment	Install lift housing, doors, controls	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Services equipment	Service lift	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Sealer	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Undercoat	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Final Coat	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Internal finishes	Carpenter Install Skirting Boards	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Internal finishes	Plasterer / Gyprocker Install Cornices	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Internal finishes	Plasterer	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	External walls	Painter	30	Trades Vehicle (No Cost)
Trade Staff (No Equipment, labour transport only)	External walls	Lay and mix bricks and mortar	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Sealer	30	Trades Vehicle (No Cost)

Trade Staff (Small Electrical Equipment)	Internal finishes	Plasterer - Apply bonding agent to raw surface	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	External walls	Painter 1st Coat	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	External walls	Painter - 2nd Coat	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	External walls	Painter - Final Coat	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	External walls	Install Windows	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Lowest floor construction	Lay rubber floors	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Internal finishes	Carpet Layer	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Internal finishes	Tiler	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Lowest floor construction	Lay flooring	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Lowest floor construction	Lay flooring	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Internal finishes	Carpet Layer	30	Trades Vehicle (No Cost)
Concrete Pump	Lowest floor construction	Concrete pump	50	Rigid truck
Trade Staff (Small Electrical Equipment)	Lowest floor construction	Install and remove formwork	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Lowest floor construction	Grano workers, lay slab	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Lowest floor construction	Install rio	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Lowest floor construction	Finish Concrete Stairs	30	Trades Vehicle (No Cost)
Large Electrical Equipment (eg mixer)	Fittings, furnishings and equipment	Fabricate / Install Ballustrade	50	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Internal finishes	Prep and Floor Coating Application	30	Trades Vehicle (No Cost)
Trade Staff (Large Elect Equipment)	Internal finishes	Grind Floor	40	Trades Vehicle (No Cost)
Concrete Pump	Lowest floor construction	Pour Slab, Concrete Pump (10m3 / hr)	50	Rigid truck
Trade Staff (Small Electrical Equipment)	Lowest floor construction	Concreter	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Lowest floor construction	Concreter - Install Rio	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Lowest floor construction	Concreter install formwork	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Lowest floor construction	Assemble Decking	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	External walls	Treat timber decking	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Roof	Lay Insulation	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Roof	Mop down bitumen	30	Trades Vehicle (No Cost)
Large Electrical Equipment (eg mixer)	Roof	Bitumen container heated	50	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Roof	Lay Bitumen	30	Trades Vehicle (No Cost)
Large Electrical Equipment (eg mixer)	Roof	Heated Bitumen container	50	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Roof	Lay stones	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Roof	Lay EPS	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Lowest floor construction	Assemble Decking	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	External walls	Treat timber decking	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Roof	Lay Insulation	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Roof	Mop down bitumen	30	Trades Vehicle (No Cost)
Large Electrical Equipment (eg mixer)	Roof	Bitumen container heated	50	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Roof	Ceiling Installation	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Prep and Undercoat	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Prep and Final Coat	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	External walls	Installation of Door	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Internal finishes	Door and Frame Painter Internal	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	External walls	Door and Frame Painter External	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	External walls	Installation of Door	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Internal finishes	Door Painter	30	Trades Vehicle (No Cost)
Concrete Pump	Substructure	Pour foundations, Concrete Pump (50m3 / hr)	50	Rigid truck
Trade Staff (Small Electrical Equipment)	Substructure	Concreter	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Substructure	Concreter - Install Rio	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Sealer	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Undercoat	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Final Coat	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	External walls	Bricklayer - brickwork	30	Trades Vehicle (No Cost)
Trade Staff (Large Elect Equipment)	External walls	Labourer and mixer - brickwork	40	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Substructure	Concreter - Install and remove formwork	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	External walls	Painter 1st Coat	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	External walls	Painter - 2nd Coat	30	Trades Vehicle (No Cost)

Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Sealer	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	External walls	Painter - Sealer	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	External walls	Painter - Undercoat	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	External walls	Painter - Final Coat	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	External walls	External Cladding	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Substructure	Concreter, Install and remove formwork	30	Trades Vehicle (No Cost)
Concrete Pump	Substructure	Pour foundations, Concrete Pump (50m3 / hr)	50	Rigid truck
Trade Staff (Small Electrical Equipment)	Substructure	Concreter	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Substructure	Concreter - Install Rio	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Internal finishes	Plasterer	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Sealer	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Undercoat	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Final Coat	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Internal finishes	Carpenter Install Skirting Boards	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Internal finishes	Plasterer Install Cornices	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Substructure	Concreter - Install and remove formwork	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Internal finishes	Plasterer - Apply bonding agent to raw surface	30	Trades Vehicle (No Cost)
Concrete Pump	External walls	Concrete pump (10m3 / hour)	50	Rigid truck
Trade Staff (Small Electrical Equipment)	External walls	Install and remove formwork	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	External walls	Concreter, Pour walls	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	External walls	Install rio for wall	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	External walls	Painter 1st Coat	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	External walls	Painter, 2nd Coat	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	External walls	Painter, Final Coat	30	Trades Vehicle (No Cost)
Large Electrical Equipment (eg mixer)	Services equipment	Jack hammer	50	Trades Vehicle (No Cost)
Highway 4 x 6 Dump Truck	Services equipment	Skip bin transportation	25	Rigid truck
Trade Staff (No Equipment, labour transport only)	Services equipment	Trade staff (2x)	30	Trades Vehicle (No Cost)
Excavator, 15t	Services equipment	Digger	75	Rigid truck
Trade Staff (Small Electrical Equipment)	Services equipment	Contour & Site Survey	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Services equipment	Engineers Soil Testing/Footing & Slab Design	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Services equipment	Surveyor House Set-Out	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Services equipment	Inspection of site for pest/insects	30	Trades Vehicle (No Cost)
Concrete Pump	Substructure	Pour foundations, Concrete Pump (50m3 / hr)	50	Rigid truck
Trade Staff (Small Electrical Equipment)	Substructure	Concreter	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Substructure	Concreter - Install Rio	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Internal finishes	Plasterer	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Sealer	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Undercoat	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Final Coat	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Internal finishes	Carpenter Install Skirting Boards	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Internal finishes	Plasterer Install Cornices	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	External walls	Bricklayer - brickwork	30	Trades Vehicle (No Cost)
Trade Staff (Large Elect Equipment)	External walls	Labourer and mixer - brickwork	40	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Substructure	Concreter - Install and remove formwork	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Internal finishes	Plasterer - Apply bonding agent to raw surface	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	External walls	Painter 1st Coat	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	External walls	Painter - 2nd Coat	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	External walls	Painter - Final Coat	30	Trades Vehicle (No Cost)
Concrete Pump	Substructure	Pour foundations, Concrete Pump (50m3 / hr)	50	Rigid truck
Trade Staff (Small Electrical Equipment)	Substructure	Concreter	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Substructure	Concreter - Install Rio	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Internal finishes	Plasterer	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Sealer	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Undercoat	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Final Coat	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Internal finishes	Carpenter Install Skirting Boards	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Internal finishes	Plasterer Install Cornices	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	External walls	Bricklayer - brickwork	30	Trades Vehicle (No Cost)
Trade Staff (Large Elect Equipment)	External walls	Labourer and mixer - brickwork	40	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Substructure	Concreter - Install and remove formwork	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Internal finishes	Plasterer - Apply bonding agent to raw surface	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	External walls	Painter 1st Coat	30	Trades Vehicle (No Cost)

Trade Staff (Small Electrical Equipment)	External walls	Painter - 2nd Coat	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	External walls	Painter - Final Coat	30	Trades Vehicle (No Cost)
Concrete Pump	Substructure	Pour foundations, Concrete Pump (50m3 / hr)	50	Rigid truck
Trade Staff (Small Electrical Equipment)	Substructure	Concreter	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Substructure	Concreter - Install Rio	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Internal finishes	Plasterer - Install Plasterboard	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Undercoat	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Final Coat	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Internal finishes	Carpenter Install Skirting Boards	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Internal finishes	Plasterer Install Cornices	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	External walls	Carpenter - Plates	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	External walls	Carpenter - Studs	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Sealer	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	External walls	Painter - Sealer	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	External walls	Painter - Undercoat	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	External walls	Painter - Final Coat	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	External walls	External Cladding	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Substructure	Concreter, Install and remove formwork	30	Trades Vehicle (No Cost)
Concrete Pump	Substructure	Pour foundations, Concrete Pump (50m3 / hr)	50	Rigid truck
Trade Staff (Small Electrical Equipment)	Substructure	Concreter	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Substructure	Concreter - Install Rio	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Internal finishes	Plasterer - Install Plasterboard	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Undercoat	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Final Coat	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Internal finishes	Carpenter Install Skirting Boards	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Internal finishes	Plasterer Install Cornices	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	External walls	Carpenter - Plates	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	External walls	Carpenter - Studs	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Sealer	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	External walls	Painter - Sealer	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	External walls	Painter - Undercoat	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	External walls	Painter - Final Coat	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	External walls	External Cladding	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Substructure	Concreter, Install and remove formwork	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	External walls	Assemble Steel Framing	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Internal finishes	Plasterer - Install Plasterboard	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Undercoat	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Final Coat	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Internal finishes	Carpenter Install Skirting Boards	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Internal finishes	Plasterer Install Cornices	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Internal finishes	Painter - Sealer	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Roof	Lay green roof	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Roof	Lay bitumen and EPS	30	Trades Vehicle (No Cost)
Large Electrical Equipment (eg mixer)	Roof	Heated bitumen container	50	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Services equipment	Install Gutter	30	Trades Vehicle (No Cost)
Trade Staff (Small Electrical Equipment)	Services equipment	Installation, Maintenance and Electrical Connection	30	Trades Vehicle (No Cost)

Material Transport

Material Name	Category	Template Name	Description	Transport Purpose	Distance	Mode
Plastics General Unspecified Industry Average	Communication, security and control systems	* Communications, Residential	Plastic associated with electrical wire and fittings	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Steel General Unspecified Industry Average	General fittings, furnishings and equipment	* Communications, Residential	Light Fittings	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Plastics General Unspecified Industry Average	General fittings, furnishings and equipment	* Communications, Residential	Light Fittings	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Metals (excluding steel and Aluminium) Copper Industry Average	Communication, security and control systems	* Communications, Residential	Copper electrical wire	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck

Timber General Industry Average	Sanitary installations	Plumbing, hardware and install to slab	Hardware (pressure limiting valve, mains tap etc)	NewProductTransport	150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	150	Sea, Articulated Truck
Metals (excluding steel and Aluminium) Copper Industry Average	Sanitary installations	Plumbing, hardware and install to slab	Copper pipe water supply from mains	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Plastics Polyvinyl Chloride (PVC) PVC Pipe Industry Average	Sanitary installations	Plumbing, hardware and install to slab	Sewer pipe	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Timber General Industry Average	Sanitary installations	Plumbing, hardware and install to slab, Commercial	Hardware (pressure limiting valve, mains tap etc)	NewProductTransport	150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	150	Sea, Articulated Truck
Metals (excluding steel and Aluminium) Copper Industry Average	Sanitary installations	Plumbing, hardware and install to slab, Commercial	Copper pipe water supply from mains	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Plastics Polyvinyl Chloride (PVC) PVC Pipe Industry Average	Sanitary installations	Plumbing, hardware and install to slab, Commercial	Sewer pipe	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Rubber Synthetic Industry Average	Electrical installations	Site Electrical Works - Residential	Wire casing	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Plastics Polyvinyl Chloride (PVC) Unspecified Industry Average	Electrical installations	Site Electrical Works - Residential	Conduit	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Steel General Unspecified Industry Average	Electrical installations	Site Electrical Works - Residential	Meter Box	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Finished Products Electrical Goods Inverter Industry Average	Electrical installations	Site Electrical Works - Residential	Switches	NewProductTransport	15375	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15375	Sea, Articulated Truck
Metals (excluding steel and Aluminium) Copper Industry Average	Electrical installations	Site Electrical Works - Residential	Copper wire	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Rubber Synthetic Industry Average	Electrical installations	Site Electrical Works - Commercial	Wire casing	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Plastics Polyvinyl Chloride (PVC) Unspecified Industry Average	Electrical installations	Site Electrical Works - Commercial	Conduit	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Steel General Unspecified Industry Average	Electrical installations	Site Electrical Works - Commercial	Meter Box	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Finished Products Electrical Goods Inverter Industry Average	Electrical installations	Site Electrical Works - Commercial	Switches	NewProductTransport	15375	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15375	Sea, Articulated Truck
Metals (excluding steel and Aluminium) Copper Industry Average	Electrical installations	Site Electrical Works - Commercial	Copper wire	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Plastics General Unspecified Industry Average	Communication, security and control systems	Communications, Commercial	Plastic associated with electrical wire and fittings	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
				NewProductTransport	15150	Sea, Articulated Truck

Steel General Unspecified Industry Average	General fittings, furnishings and equipment	Communications, Commercial	Light Fittings	EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Plastics General Unspecified Industry Average	General fittings, furnishings and equipment	Communications, Commercial	Light Fittings	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
Metals (excluding steel and Aluminium) Copper Industry Average	Communication, security and control systems	Communications, Commercial	Copper electrical wire	EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
Plastics General Unspecified Industry Average	Space heating and air conditioning	Exhaust Extraction Fan, Plastic	Plastic associated with electrical wire and fittings	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
Plastics General Unspecified Industry Average	Space heating and air conditioning	Exhaust Extraction Fan, Plastic	Fan rotor, blades and housing	EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
Metals (excluding steel and Aluminium) Copper Industry Average	Space heating and air conditioning	Exhaust Extraction Fan, Plastic	Copper electrical wire	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
Steel Coated Sheet Zinc Coated & Coloured Sheet 0.43mm Industry Average	General fittings, furnishings and equipment	Lighting Residential CFL Med Natural Light	Light fitting	EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
Glass Flat Glass Industry Average	General fittings, furnishings and equipment	Lighting Residential CFL Med Natural Light	Light Fittings	NewProductTransport	112.5	Articulated Truck
				EndOfLifeClosedLoopTransport	112.5	Articulated Truck
Glass Flat Glass Industry Average	General fittings, furnishings and equipment	Lighting Residential CFL Med Natural Light	Light Fittings	EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	562.5	Sea, Articulated Truck
Finished Products Electrical Goods Light Fittings Fluorescent Globes Compact Industry Average	General fittings, furnishings and equipment	Lighting Residential CFL Med Natural Light	Light Globes For Internal Fittings	NewProductTransport	15112.5	Sea, Articulated Truck
				EndOfLifeDisposalTransport	0	Rigid truck
Steel Coated Sheet Zinc Coated & Coloured Sheet 0.43mm Industry Average	General fittings, furnishings and equipment	Lighting Communal, Flouro by area	Light fitting	EndOfLifeClosedLoopTransport	15112.5	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
Glass Flat Glass Industry Average	General fittings, furnishings and equipment	Lighting Communal, Flouro by area	Light Fittings	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeClosedLoopTransport	112.5	Articulated Truck
Glass Flat Glass Industry Average	General fittings, furnishings and equipment	Lighting Communal, Flouro by area	Light Fittings	EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	562.5	Sea, Articulated Truck
Finished Products Electrical Goods Light Fittings Fluorescent Globes Compact Industry Average	General fittings, furnishings and equipment	Lighting Communal, Flouro by area	Light Globes For Internal Fittings	NewProductTransport	15112.5	Sea, Articulated Truck
				EndOfLifeDisposalTransport	0	Rigid truck
Metals (excluding steel and Aluminium) Copper Industry Average	Sanitary installations	HWS, Biomass, large distributed system	Gas Heating Element etc	EndOfLifeClosedLoopTransport	15112.5	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
Plastics General Unspecified Industry Average	Sanitary installations	HWS, Biomass, large distributed system	Plastic Moulding etc	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
Metals (excluding steel and Aluminium) Copper Industry Average	Sanitary installations	HWS, Biomass, large distributed system	Associated Plumbing for HWS	EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
Aluminium General Industry Average	Sanitary installations	HWS, Biomass, large distributed system	Sacrificial Anode	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Insulation Rigid Foams and Boards Polyurethane Industry Average	Sanitary installations	HWS, Biomass, large distributed system	Insulation	EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Steel General Unspecified Industry Average	Sanitary installations	HWS, Biomass, large distributed system	Tank	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck

				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Metals (excluding steel and Aluminium) Iron Industry Average	Lift and conveyor installations	Elevator Car, Passenger	Car componentry	NewProductTransport	15200	Sea, Articulated Truck, Rigid truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Metals (excluding steel and Aluminium) Copper Industry Average	Lift and conveyor installations	Elevator Car, Passenger	Car componentry	NewProductTransport	15200	Sea, Articulated Truck, Rigid truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Steel Stainless Unspecified Industry Average	Lift and conveyor installations	Elevator Car, Passenger	Car componentry	NewProductTransport	15200	Sea, Articulated Truck, Rigid truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Steel General Unspecified Industry Average	Lift and conveyor installations	Elevator Car, Passenger	Car componentry and structure	NewProductTransport	15200	Sea, Articulated Truck, Rigid truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Plastics General Unspecified Industry Average	Lift and conveyor installations	Elevator Car, Passenger	Car componentry	NewProductTransport	15200	Sea, Articulated Truck, Rigid truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Metals (excluding steel and Aluminium) Titanium Industry Average	Lift and conveyor installations	Elevator Car, Passenger	Car componentry	NewProductTransport	15200	Sea, Articulated Truck, Rigid truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Rubber Synthetic Industry Average	Lift and conveyor installations	Elevator Car, Passenger	Car componentry	NewProductTransport	15200	Sea, Articulated Truck, Rigid truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Glass Flat Glass Industry Average	Lift and conveyor installations	Elevator Car, Passenger	Car componentry	NewProductTransport	750	Articulated Truck, Rigid truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	562.5	Sea, Articulated Truck
Finished Products Electrical Goods Inverter Industry Average	Lift and conveyor installations	Elevator Car, Passenger	Car componentry	NewProductTransport	15500	Sea, Articulated Truck, Rigid truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15375	Sea, Articulated Truck
Metals (excluding steel and Aluminium) Lead Industry Average	Lift and conveyor installations	Elevator Car, Passenger	Counter weight	NewProductTransport	15200	Sea, Articulated Truck, Rigid truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Finished Products Electrical Goods Inverter Industry Average	Lift and conveyor installations	Elevator Car, Passenger	Drive motor etc	NewProductTransport	15500	Sea, Articulated Truck, Rigid truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15375	Sea, Articulated Truck
Aluminium General Industry Average	Lift and conveyor installations	Elevator Car, Passenger	Car componentry	NewProductTransport	15200	Sea, Articulated Truck, Rigid truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Steel General Unspecified Industry Average	Lift and conveyor installations	Elevator Housing, Passenger. Building Supported	Hoist Rope	NewProductTransport	15200	Sea, Articulated Truck, Rigid truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Steel Stainless Unspecified Industry Average	Lift and conveyor installations	Elevator Housing, Passenger. Building Supported	External Doors	NewProductTransport	15200	Sea, Articulated Truck, Rigid truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Steel General Unspecified Industry Average	Lift and conveyor installations	Elevator Housing, Passenger. Building Supported	Door rails and guides	NewProductTransport	15200	Sea, Articulated Truck, Rigid truck
				EndOfLifeDisposalTransport	50	Rigid truck

				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Rubber Synthetic Industry Average	Lift and conveyor installations	Elevator Housing, Passenger. Building Supported	External Door Guides and Wheels	NewProductTransport	15200	Sea, Articulated Truck, Rigid truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Finished Products Electrical Goods Inverter Industry Average	Lift and conveyor installations	Elevator Housing, Passenger. Building Supported	Controls	NewProductTransport	15500	Sea, Articulated Truck, Rigid truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15375	Sea, Articulated Truck
Steel Stainless Unspecified Industry Average	Lift and conveyor installations	Elevator Housing, Passenger. Building Supported	Control Panel	NewProductTransport	15200	Sea, Articulated Truck, Rigid truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Steel General Unspecified Industry Average	Lift and conveyor installations	Elevator Housing, Passenger. Building Supported	Housing frame	NewProductTransport	15200	Sea, Articulated Truck, Rigid truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Insulation Rigid Foams and Boards Woodfibre Insulation Board Density 180 General Supply (Landfill)	External enclosing walls above ground level	Aerated Clay Brick, 150 insul, render, plaster	Wood fibre insulation	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
X Non Compliant Data Masonry Bricks and Blocks Low Temp Clay Bricks Insulating Block for Thin Bed Mortar Walls Industry Average	External enclosing walls above ground level	Aerated Clay Brick, 150 insul, render, plaster	Terracotta aerated blocks	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Cements and Limes Mortars and Renders 1 cement : 4 sand Industry Average	External enclosing walls above ground level	Aerated Clay Brick, 150 insul, render, plaster	Mortar for brick laying	NewProductTransport	150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	150	Sea, Articulated Truck
Plastics General Unspecified Industry Average	Insulation	Aerated Clay Brick, 150 insul, render, plaster	Insulation fixings	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Wall finishes	Aerated Clay Brick, 150 insul, render, plaster	Plaster	NewProductTransport	375	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	375	Sea, Articulated Truck
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Aerated Clay Brick, 150 insul, render, plaster	Sealer	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Aerated Clay Brick, 150 insul, render, plaster	Undercoat	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Aerated Clay Brick, 150 insul, render, plaster	Final Coat	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Timber Medium Density Fibreboard (MDF) Industry Average	Cornices & Shadowlines	Aerated Clay Brick, 150 insul, render, plaster	Skirting boards	NewProductTransport	375	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	375	Sea, Articulated Truck
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Cornices & Shadowlines	Aerated Clay Brick, 150 insul, render, plaster	Cornices	NewProductTransport	375	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	375	Sea, Articulated Truck
Concrete Unreinforced Unspecified Industry Average	Wall finishes	Aerated Clay Brick, 150 insul, render, plaster	Pre plaster float	NewProductTransport	75	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	75	Sea, Articulated Truck
Paints and Finishes Unspecified 1 Coat Industry Average	External Paint, Textures and Renders	Aerated Clay Brick, 150 insul, render, plaster	Primer	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
				NewProductTransport	15150	Sea, Articulated Truck

Paints and Finishes Unspecified 1 Coat Industry Average	External Paint, Textures and Renders	Aerated Clay Brick, 150 insul, render, plaster	Undercoat	EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Steel General Unspecified Industry Average	External Paint, Textures and Renders	Aerated Clay Brick, 150 insul, render, plaster	Consumables (Paint tins, rollers, etc)	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
Paints and Finishes Unspecified 3 Coats Industry Average	External Paint, Textures and Renders	Aerated Clay Brick, 150 insul, render, plaster	Top Coat	EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
				NewProductTransport	15150	Sea, Articulated Truck
Cements and Limes Mortars and Renders 1 Lime : 3 sand Industry Average	External enclosing walls above ground level	Aerated Clay Brick, 150 insul, render, plaster	lime render 8mm	EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	150	Sea, Articulated Truck
Insulation Rigid Foams and Boards Woodfibre Insulation Board Density 180 General Supply (Landfill)	External enclosing walls above ground level	Aerated clay brick, 100 insul, tile clad	Wood fibre insulation	EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
X Non Compliant Data Masonry Bricks and Blocks Low Temp Clay Bricks Insulating Block for Thin Bed Mortar Walls Industry Average	External enclosing walls above ground level	Aerated clay brick, 100 insul, tile clad	Terracotta aerated blocks	EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Cements and Limes Mortars and Renders 1 cement : 4 sand Industry Average	External enclosing walls above ground level	Aerated clay brick, 100 insul, tile clad	Mortar for brick laying	EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	150	Sea, Articulated Truck
Plastics General Unspecified Industry Average	Insulation	Aerated clay brick, 100 insul, tile clad	Insulation fixings	EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Aerated clay brick, 100 insul, tile clad	Sealer	EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Aerated clay brick, 100 insul, tile clad	Undercoat	EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Aerated clay brick, 100 insul, tile clad	Final Coat	EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Timber Medium Density Fibreboard (MDF) Industry Average	Cornices & Shadowlines	Aerated clay brick, 100 insul, tile clad	Skirting boards	EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	375	Sea, Articulated Truck
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Cornices & Shadowlines	Aerated clay brick, 100 insul, tile clad	Cornices	EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	375	Sea, Articulated Truck
Concrete Unreinforced Unspecified Industry Average	Wall finishes	Aerated clay brick, 100 insul, tile clad	Pre plaster float	EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	75	Sea, Articulated Truck
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Wall finishes	Aerated clay brick, 100 insul, tile clad	Plaster	EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	375	Sea, Articulated Truck
Ceramics Ceramic Tiles Industry Average	External enclosing walls above ground level	Aerated clay brick, 100 insul, tile clad	Tile cladding 30mm	EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	10112.5	Sea, Articulated Truck
Aluminium General Industry Average	External enclosing walls above ground level	Aerated clay brick, 100 insul, tile clad	Aluminium rail fixing	EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Rubber Synthetic Industry Average	External enclosing walls above ground	Aerated clay brick, 100 insul, tile clad	Damp PProof Course Membrane	EndOfLifeDisposalTransport	50	Rigid truck
				NewProductTransport	15375	Sea, Articulated Truck

	level			EndOfLifeClosedLoopTransport	15375	Sea, Articulated Truck
Cements and Limes Mortars and Renders 1 Lime : 3 sand Industry Average	External enclosing walls above ground level	Aerated clay brick, 100 insul, tile clad	lime render 8mm	NewProductTransport	150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	150	Sea, Articulated Truck
Insulation Rigid Foams and Boards Woodfibre Insulation Board Density 180 General Supply (Landfill)	External enclosing walls above ground level	Aerated clay brick, 100 insul, timber clad	Wood fibre insulation	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
X Non Compliant Data Masonry Bricks and Blocks Low Temp Clay Bricks Insulating Block for Thin Bed Mortar Walls Industry Average	External enclosing walls above ground level	Aerated clay brick, 100 insul, timber clad	Terracotta aerated blocks	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Cements and Limes Mortars and Renders 1 cement : 4 sand Industry Average	External enclosing walls above ground level	Aerated clay brick, 100 insul, timber clad	Mortar for brick laying	NewProductTransport	150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	150	Sea, Articulated Truck
Plastics General Unspecified Industry Average	Insulation	Aerated clay brick, 100 insul, timber clad	Insulation fixings	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Wall finishes	Aerated clay brick, 100 insul, timber clad	Plaster	NewProductTransport	375	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	375	Sea, Articulated Truck
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Aerated clay brick, 100 insul, timber clad	Sealer	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Aerated clay brick, 100 insul, timber clad	Undercoat	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Aerated clay brick, 100 insul, timber clad	Final Coat	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Timber Medium Density Fibreboard (MDF) Industry Average	Cornices & Shadowlines	Aerated clay brick, 100 insul, timber clad	Skirting boards	NewProductTransport	375	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	375	Sea, Articulated Truck
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Cornices & Shadowlines	Aerated clay brick, 100 insul, timber clad	Cornices	NewProductTransport	375	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	375	Sea, Articulated Truck
Concrete Unreinforced Unspecified Industry Average	Wall finishes	Aerated clay brick, 100 insul, timber clad	Pre plaster float	NewProductTransport	75	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	75	Sea, Articulated Truck
Timber Hardwood Industry Average	External enclosing walls above ground level	Aerated clay brick, 100 insul, timber clad	Timber cladding 21mm	NewProductTransport	150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	150	Sea, Articulated Truck
Timber General Industry Average	External enclosing walls above ground level	Aerated clay brick, 100 insul, timber clad	Timber battens 100mm spacing	NewProductTransport	150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	150	Sea, Articulated Truck
Timber General Industry Average	External enclosing walls above ground level	Aerated clay brick, 100 insul, timber clad	Timber battens vertical 600mm spacing	NewProductTransport	150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	150	Sea, Articulated Truck
Plastics Polyurethane Unspecified Industry Average	External enclosing walls above ground level	Aerated clay brick, 100 insul, timber clad	Breather Membrane	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Paints and Finishes Wood Stains and Finishes General Industry Average	External enclosing walls above ground level	Aerated clay brick, 100 insul, timber clad	Timber panel finish	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck

Cements and Limes Mortars and Renders 1 Lime : 3 sand Industry Average	External enclosing walls above ground level	Aerated clay brick, 100 insul, timber clad	lime render 8mm	NewProductTransport	150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	150	Sea, Articulated Truck
Cements and Limes Mortars and Renders 1 cement : 4 sand Industry Average	External enclosing walls above ground level	100mm Concrete Block, Concrete structure, tiles	Mortar (20kg per 10 blocks)	NewProductTransport	150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	150	Sea, Articulated Truck
Aluminium General Industry Average	External enclosing walls above ground level	100mm Concrete Block, Concrete structure, tiles	Flashing	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Concrete Reinforced 1.0% Reinforcement by mass 30 MPa Industry Average	External enclosing walls above ground level	100mm Concrete Block, Concrete structure, tiles	Concrete structure	NewProductTransport	75	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	75	Sea, Articulated Truck
Ceramics Ceramic Tiles Industry Average	External enclosing walls above ground level	100mm Concrete Block, Concrete structure, tiles	Tile cladding 30mm	NewProductTransport	10112.5	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	10112.5	Sea, Articulated Truck
Aluminium General Industry Average	External enclosing walls above ground level	100mm Concrete Block, Concrete structure, tiles	Aluminium rail fixing	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Rubber Synthetic Industry Average	External enclosing walls above ground level	100mm Concrete Block, Concrete structure, tiles	Damp P Roof Course Membrane	NewProductTransport	15375	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15375	Sea, Articulated Truck
Concrete Unreinforced Unspecified Industry Average	External enclosing walls above ground level	100mm Concrete Block, Concrete structure, tiles	140mm Concrete Blocks	NewProductTransport	112.5	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	75	Sea, Articulated Truck
Cements and Limes Mortars and Renders 1 cement : 4 sand Industry Average	External enclosing walls above ground level	100mm Concrete Block, Concrete structure, render	Mortar (20kg per 10 blocks)	NewProductTransport	150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	150	Sea, Articulated Truck
Aluminium General Industry Average	External enclosing walls above ground level	100mm Concrete Block, Concrete structure, render	Flashing	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Concrete Unreinforced Unspecified Industry Average	Wall finishes	100mm Concrete Block, Concrete structure, render	Pre plaster float	NewProductTransport	75	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	75	Sea, Articulated Truck
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Wall finishes	100mm Concrete Block, Concrete structure, render	Plaster	NewProductTransport	375	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	375	Sea, Articulated Truck
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	100mm Concrete Block, Concrete structure, render	Sealer	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	100mm Concrete Block, Concrete structure, render	Undercoat	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	100mm Concrete Block, Concrete structure, render	Final Coat	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Timber Medium Density Fibreboard (MDF) Industry Average	Cornices & Shadowlines	100mm Concrete Block, Concrete structure, render	Skirting boards	NewProductTransport	375	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	375	Sea, Articulated Truck
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Cornices & Shadowlines	100mm Concrete Block, Concrete structure, render	Cornices	NewProductTransport	375	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	375	Sea, Articulated Truck
				NewProductTransport	15150	Sea, Articulated Truck

Plastics Acrylic Unspecified Industry Average	Wall finishes	100mm Concrete Block, Concrete structure, render	Bonding agent (pre render)	EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Paints and Finishes Unspecified 1 Coat Industry Average	External enclosing walls above ground level	100mm Concrete Block, Concrete structure, render	1st Coat	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
Paints and Finishes Unspecified 1 Coat Industry Average	External enclosing walls above ground level	100mm Concrete Block, Concrete structure, render	2nd Coat	EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
Paints and Finishes Unspecified 3 Coats Industry Average	External enclosing walls above ground level	100mm Concrete Block, Concrete structure, render	Final Coat	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	External enclosing walls above ground level	100mm Concrete Block, Concrete structure, render	Plaster	EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	External enclosing walls above ground level	100mm Concrete Block, Concrete structure, render	Cornices	NewProductTransport	375	Sea, Articulated Truck
				EndOfLifeClosedLoopTransport	375	Sea, Articulated Truck
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	External enclosing walls above ground level	100mm Concrete Block, Concrete structure, render	Cornices	EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	375	Sea, Articulated Truck
Plastics Acrylic Unspecified Industry Average	External enclosing walls above ground level	100mm Concrete Block, Concrete structure, render	Bonding Agent Pre render	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
Concrete Unreinforced Unspecified Industry Average	External enclosing walls above ground level	100mm Concrete Block, Concrete structure, render	Pre plaster float	EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
Concrete Unreinforced Unspecified Industry Average	External enclosing walls above ground level	100mm Concrete Block, Concrete structure, render	140mm Concrete Blocks	NewProductTransport	112.5	Sea, Articulated Truck
				EndOfLifeClosedLoopTransport	75	Sea, Articulated Truck
Concrete Unreinforced Unspecified Industry Average	External enclosing walls above ground level	100-75-100 Insulated Cavity Concrete Block	100mm Concrete Blocks	EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	75	Sea, Articulated Truck
Cements and Limes Mortars and Renders 1 cement : 4 sand Industry Average	External enclosing walls above ground level	100-75-100 Insulated Cavity Concrete Block	Mortar (20kg per 10 blocks)	NewProductTransport	150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
Aluminium General Industry Average	External enclosing walls above ground level	100-75-100 Insulated Cavity Concrete Block	Flashing	EndOfLifeClosedLoopTransport	150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
Plastics High Density Polyethylene (HDPE) Unspecified Industry Average	External enclosing walls above ground level	100-75-100 Insulated Cavity Concrete Block	Waterproof membrane	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Plastics High Density Polyethylene (HDPE) Unspecified Industry Average	Standard foundations	100-75-100 Insulated Cavity Concrete Block	Waterproof Membrane	EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	100-75-100 Insulated Cavity Concrete Block	Sealer	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	100-75-100 Insulated Cavity Concrete Block	Undercoat	EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	100-75-100 Insulated Cavity Concrete Block	Final Coat	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Paints and Finishes Unspecified 1 Coat Industry Average	External enclosing walls above ground	100-75-100 Insulated Cavity Concrete Block	1st Coat	EndOfLifeDisposalTransport	50	Rigid truck
				NewProductTransport	15150	Sea, Articulated Truck

	level			EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Paints and Finishes Unspecified 1 Coat Industry Average	External enclosing walls above ground level	100-75-100 Insulated Cavity Concrete Block	2nd Coat	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Paints and Finishes Unspecified 3 Coats Industry Average	External enclosing walls above ground level	100-75-100 Insulated Cavity Concrete Block	Final Coat	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Insulation Blankets and Batts Mineral Wool Blanket R 2.0 Industry Average	Insulation	100-75-100 Insulated Cavity Concrete Block	fully filled cavity	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Concrete Reinforced 1.0% Reinforcement by mass 30 MPa Industry Average	Standard foundations	100-75-100 Insulated Cavity Concrete Block	Foundations	NewProductTransport	75	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	75	Sea, Articulated Truck
Timber General Industry Average	External enclosing walls above ground level	Timber cladding	Timber battens 100mm spacing	NewProductTransport	150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	150	Sea, Articulated Truck
Timber General Industry Average	External enclosing walls above ground level	Timber cladding	Timber battens vertical 600mm spacing	NewProductTransport	150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	150	Sea, Articulated Truck
Plastics Polyurethane Unspecified Industry Average	External enclosing walls above ground level	Timber cladding	Breather Membrane	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Paints and Finishes Wood Stains and Finishes General Industry Average	External enclosing walls above ground level	Timber cladding	Timber panel finish	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Timber Hardwood Industry Average	External enclosing walls above ground level	Timber cladding	Timber cladding 21mm	NewProductTransport	150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	150	Sea, Articulated Truck
Steel Stainless Unspecified Industry Average	External enclosing walls above ground level	Ballustrade, Steel posts, timber cladd	Middle Posts	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Steel Stainless Unspecified Industry Average	External enclosing walls above ground level	Ballustrade, Steel posts, timber cladd	Brackets, bolts, wire rope holders etc	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Steel General Unspecified Industry Average	External enclosing walls above ground level	Ballustrade, Steel posts, timber cladd	Handrail	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Timber Hardwood Industry Average	External enclosing walls above ground level	Ballustrade, Steel posts, timber cladd	Timber cladding 21mm	NewProductTransport	150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	150	Sea, Articulated Truck
Timber General Industry Average	External enclosing walls above ground level	Ballustrade, Steel posts, timber cladd	Timber battens 100mm spacing	NewProductTransport	150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	150	Sea, Articulated Truck
Timber General Industry Average	External enclosing walls above ground level	Ballustrade, Steel posts, timber cladd	Timber battens vertical 600mm spacing	NewProductTransport	150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	150	Sea, Articulated Truck
Plastics Polyurethane Unspecified Industry Average	External enclosing walls above ground level	Ballustrade, Steel posts, timber cladd	Breather Membrane	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Paints and Finishes Wood Stains and Finishes General Industry Average	External enclosing walls above ground level	Ballustrade, Steel posts, timber cladd	Timber panel finish	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck

Steel Stainless Unspecified Industry Average	External enclosing walls above ground level	Ballustrade, Steel posts, timber cladd	Supporting Posts	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Aluminium General Industry Average	Security and Fly Screens	Curtain Walling Windows, Residential Aluminium Double Glaze	Fly screen fram	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Plastics General Unspecified Industry Average	Security and Fly Screens	Curtain Walling Windows, Residential Aluminium Double Glaze	Flyscreen Mesh	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Rubber Synthetic Industry Average	Security and Fly Screens	Curtain Walling Windows, Residential Aluminium Double Glaze	Flyscreen rubber spline	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Windows Aluminium Framed No Thermal Break Double Glaze Domestic 50% Opening Industry Average	External windows	Curtain Walling Windows, Residential Aluminium Double Glaze	Windows / Sliding Doors	NewProductTransport	15225	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15225	Sea, Articulated Truck
Concrete Unreinforced Unspecified Industry Average	External enclosing walls above ground level	Retaining Wall 140mm Concrete Block	140mm Concrete Blocks	NewProductTransport	112.5	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	75	Sea, Articulated Truck
Cements and Limes Mortars and Renders 1 cement : 4 sand Industry Average	External enclosing walls above ground level	Retaining Wall 140mm Concrete Block	Mortar (20kg per 10 blocks)	NewProductTransport	150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	150	Sea, Articulated Truck
Aluminium General Industry Average	External enclosing walls above ground level	Retaining Wall 140mm Concrete Block	Flashing	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Plastics High Density Polyethylene (HDPE) Unspecified Industry Average	Standard foundations	Retaining Wall 140mm Concrete Block	Waterproof Membrane	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Concrete Unreinforced Unspecified Industry Average	Wall finishes	Retaining Wall 140mm Concrete Block	Pre plaster float	NewProductTransport	75	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	75	Sea, Articulated Truck
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Wall finishes	Retaining Wall 140mm Concrete Block	Plaster	NewProductTransport	375	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	375	Sea, Articulated Truck
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Retaining Wall 140mm Concrete Block	Sealer	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Retaining Wall 140mm Concrete Block	Undercoat	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Retaining Wall 140mm Concrete Block	Final Coat	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Timber Medium Density Fibreboard (MDF) Industry Average	Cornices & Shadowlines	Retaining Wall 140mm Concrete Block	Skirting boards	NewProductTransport	375	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	375	Sea, Articulated Truck
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Cornices & Shadowlines	Retaining Wall 140mm Concrete Block	Cornices	NewProductTransport	375	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	375	Sea, Articulated Truck
Plastics Acrylic Unspecified Industry Average	Wall finishes	Retaining Wall 140mm Concrete Block	Bonding agent (pre render)	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
	External			NewProductTransport	15150	Sea, Articulated Truck

Paints and Finishes Unspecified 1 Coat Industry Average	enclosing walls above ground level	Retaining Wall 140mm Concrete Block	1st Coat	EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Paints and Finishes Unspecified 1 Coat Industry Average	External enclosing walls above ground level	Retaining Wall 140mm Concrete Block	2nd Coat	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
Paints and Finishes Unspecified 3 Coats Industry Average	External enclosing walls above ground level	Retaining Wall 140mm Concrete Block	Final Coat	EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	External enclosing walls above ground level	Retaining Wall 140mm Concrete Block	Plaster	NewProductTransport	375	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	375	Sea, Articulated Truck
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	External enclosing walls above ground level	Retaining Wall 140mm Concrete Block	Cornices	NewProductTransport	375	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	375	Sea, Articulated Truck
Plastics Acrylic Unspecified Industry Average	External enclosing walls above ground level	Retaining Wall 140mm Concrete Block	Bonding Agent Pre render	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Concrete Unreinforced Unspecified Industry Average	External enclosing walls above ground level	Retaining Wall 140mm Concrete Block	Pre plaster float	NewProductTransport	112.5	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	75	Sea, Articulated Truck
Concrete Reinforced 1.0% Reinforcement by mass 30 MPa Industry Average	Standard foundations	Retaining Wall 140mm Concrete Block	Foundations	NewProductTransport	75	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	75	Sea, Articulated Truck
Aluminium General Industry Average	External Paint, Textures and Renders	Windows, Triple Glazed, Timber frame, alu clad	Paint window frames	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Glass Flat Glass Industry Average	External enclosing walls above ground level	Windows, Triple Glazed, Timber frame, alu clad	Extra pane for triple glazing	NewProductTransport	562.5	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	562.5	Sea, Articulated Truck
Windows Timber Framed Double Glaze Domestic 50% Opening Industry Average	External windows	Windows, Triple Glazed, Timber frame, alu clad	Windows / Sliding Doors	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Rubber Synthetic Industry Average	Lowest floor construction	Bathroom Rubber Tiles, Acoustic Matting Floor finish	Rubber acoustic matting	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Rubber Synthetic Industry Average	Lowest floor construction	Bathroom Rubber Tiles, Acoustic Matting Floor finish	Rubber tiles	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Carpets and Floor Coverings Underlay Nylon Industry Average	Finishes to floors	* Carpet, Glue Down Nylon, Nylon Underlay	Nylon Underlay	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Resins and Adhesives Urea Formaldehyde Industry Average	Finishes to floors	* Carpet, Glue Down Nylon, Nylon Underlay	Glue	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Carpets and Floor Coverings Carpet Nylon Medium Use Industry Average	Finishes to floors	* Carpet, Glue Down Nylon, Nylon Underlay	Carpet	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Cements and Limes Portland Cement Unspecified Industry Average	Finishes to floors	* Floor Tiles	Tile grout	NewProductTransport	150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	150	Sea, Articulated Truck
Resins and Adhesives Urea Formaldehyde Industry Average	Finishes to floors	* Floor Tiles	Sealant	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck

				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Ceramics Ceramic Tiles Industry Average	Finishes to floors	* Floor Tiles	Floor tiles	NewProductTransport	10112.5	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	10112.5	Sea, Articulated Truck
Rubber Synthetic Industry Average	Insulation	Living area Marloleum Floor Finish	Accoustic matting	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Carpets and Floor Coverings Vynal (PVC) Unspecified Industry Average	Lowest floor construction	Living area Marloleum Floor Finish	2.5mm Marloleum	NewProductTransport	15090	Sea, Articulated Truck, Rigid truck
				EndOfLifeDisposalTransport	0	Rigid truck
				EndOfLifeClosedLoopTransport	0	
Rubber Synthetic Industry Average	Insulation	Kitchen Marloleum Floor Finish	Accoustic matting	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
X Non Compliant Data Carpets and Floor Coverings Linoleum 2.5mm Thick Linoleum Industry Average	Lowest floor construction	Kitchen Marloleum Floor Finish	2.5mm Marloleum	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Carpets and Floor Coverings Underlay Nylon Industry Average	Finishes to floors	Common and commercial Carpet, Glue Down Nylon, Nylon Underlay	Nylon Underlay	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Resins and Adhesives Urea Formaldehyde Industry Average	Finishes to floors	Common and commercial Carpet, Glue Down Nylon, Nylon Underlay	Glue	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Carpets and Floor Coverings Carpet Nylon Medium Use Industry Average	Finishes to floors	Common and commercial Carpet, Glue Down Nylon, Nylon Underlay	Carpet	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Steel General Unspecified Industry Average	Balustrades and handrails	* Concrete Stairs	Balustrade Rails	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Steel General Unspecified Industry Average	Balustrades and handrails	* Concrete Stairs	Balustrade Uprights	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Concrete Reinforced 1.0% Reinforcement by mass 30 MPa Industry Average	Lowest floor construction	* Concrete Stairs	Concrete Stairs	NewProductTransport	75	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	75	Sea, Articulated Truck
Plastics General Unspecified Industry Average	Finishes to floors	Fire escape Polished Concrete Floor Grind and Finish	Polyurethane Equivalent Floor Coating	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Timber General Industry Average	Lowest floor construction	Floor Slab, Elevated 225mm Concrete 50% BFS	Formwork Timber Wastage	NewProductTransport	150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	150	Sea, Articulated Truck
Concrete Reinforced 1.5% Reinforcement by mass Blast Furnace Slag Blends 30 MPa 50% BFS Industry Average	Lowest floor construction	Floor Slab, Elevated 225mm Concrete 50% BFS	225mm Elevated Floor	NewProductTransport	112.5	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	112.5	Sea, Articulated Truck
Timber Hardwood Industry Average	Lowest floor construction	Roof, Wooden Decking, Self Supp, Insulation	90 x 20 Timber Decking	NewProductTransport	150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	150	Sea, Articulated Truck
Plastics Polyurethane Unspecified Industry Average	External Paint, Textures and Renders	Roof, Wooden Decking, Self Supp, Insulation	Deck treatment	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Steel General Unspecified Industry Average	Lowest floor construction	Roof, Wooden Decking, Self Supp, Insulation	Fittings and Hardware	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
				NewProductTransport	15150	Sea, Articulated Truck

Steel General Unspecified Industry Average	Lowest floor construction	Roof, Wooden Decking, Self Supp, Insulation	1m Pipe Support (every 5m2)	EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Steel General Unspecified Industry Average	Lowest floor construction	Roof, Wooden Decking, Self Supp, Insulation	Bearers 1.5m Spacing	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
Steel General Unspecified Industry Average	Lowest floor construction	Roof, Wooden Decking, Self Supp, Insulation	Bearers 1.5m Spacing	EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
Insulation Rigid Foams and Boards Polystyrene Unspecified EPS Industry Average	Insulation	Roof, Wooden Decking, Self Supp, Insulation	Rigid EPS	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Asphalt and Bitumen Asphalt Unspecified Industry Average	Lowest floor construction	Roof, Wooden Decking, Self Supp, Insulation	Heated Bitumen vessel	NewProductTransport	75	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	75	Sea, Articulated Truck
Steel General Unspecified Industry Average	Lowest floor construction	Roof, Wooden Decking, Self Supp, Insulation	Joists	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
Steel General Unspecified Industry Average	Lowest floor construction	Roof, Wooden Decking, Self Supp, Insulation	Joists	EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
X Non Compliant Data Bulk Aggregates Sands and Soils Light Weight Aggregates ClinkaFill (Europe) Clinka Europe	Roof structure	Washed stones, EPS, Bitumen roof	washed stone ballast	NewProductTransport	21812.5	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	21812.5	Sea, Articulated Truck
Asphalt and Bitumen Asphalt Unspecified Industry Average	Roof coverings	Washed stones, EPS, Bitumen roof	Bitumen	NewProductTransport	75	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	75	Sea, Articulated Truck
Insulation Rigid Foams and Boards Polystyrene Unspecified EPS Industry Average	Insulation	Washed stones, EPS, Bitumen roof	EPS	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Bricks, Blocks and Pavers Clay Bricks and Pavers Unspecified Industry Average	Lowest floor construction	Roof, Paver brick decking, insulation	80mm PAvers	NewProductTransport	150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	150	Sea, Articulated Truck
Plastics Polyurethane Unspecified Industry Average	External Paint, Textures and Renders	Roof, Paver brick decking, insulation	Deck treatment	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Steel General Unspecified Industry Average	Lowest floor construction	Roof, Paver brick decking, insulation	Fittings and Hardware	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Steel General Unspecified Industry Average	Lowest floor construction	Roof, Paver brick decking, insulation	1m Pipe Support (every 5m2)	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Steel General Unspecified Industry Average	Lowest floor construction	Roof, Paver brick decking, insulation	Bearers 1.5m Spacing	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Insulation Rigid Foams and Boards Polystyrene Unspecified EPS Industry Average	Insulation	Roof, Paver brick decking, insulation	Rigid EPS	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Asphalt and Bitumen Asphalt Unspecified Industry Average	Lowest floor construction	Roof, Paver brick decking, insulation	Heated Bitumen vessel	NewProductTransport	75	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	75	Sea, Articulated Truck
Steel General Unspecified Industry Average	Lowest floor construction	Roof, Paver brick decking, insulation	Joists	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Steel General Unspecified Industry Average	Ceiling finishes	False Modular Plaster Ceiling - Office Style	Steel Ceiling Supports	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
Steel General Unspecified Industry Average	Ceiling finishes	False Modular Plaster Ceiling - Office Style	Steel Ceiling Supports	EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
Paints and Finishes Unspecified 2 Coats Industry Average	Finishes to ceilings	False Modular Plaster Ceiling - Office Style	Undercoats	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck

				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Paints and Finishes Unspecified 1 Coat Industry Average	Finishes to ceilings	False Modular Plaster Ceiling - Office Style	Final Coat	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Steel General Unspecified Industry Average	Finishes to ceilings	False Modular Plaster Ceiling - Office Style	Consumables, paint tins, rollers etc)	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Ceiling finishes	False Modular Plaster Ceiling - Office Style	Plasterboard	NewProductTransport	375	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	375	Sea, Articulated Truck
Timber General Industry Average	External doors	Door, Solid Core and Wooden Jam (Entry)	Door Jam	NewProductTransport	150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	150	Sea, Articulated Truck
Steel Stainless Unspecified Industry Average	Fittings, furnishings and equipment	Door, Solid Core and Wooden Jam (Entry)	Door Hardware (Handles, Hinges, Locks)	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Paints and Finishes Unspecified 2 Coats Industry Average	Paint - Walls	Door, Solid Core and Wooden Jam (Entry)	Door and Frame Paint Interior	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Paints and Finishes Unspecified 2 Coats Industry Average	External Paint, Textures and Renders	Door, Solid Core and Wooden Jam (Entry)	Door and Frame Paint Exterior	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Timber General Industry Average	External doors	Door, Solid Core and Wooden Jam (Entry)	Door	NewProductTransport	150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	150	Sea, Articulated Truck
Timber General Industry Average	External doors	* Door, Hollow Core and Wooden Jam	Door Jam	NewProductTransport	150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	150	Sea, Articulated Truck
Steel Stainless Unspecified Industry Average	Fittings, furnishings and equipment	* Door, Hollow Core and Wooden Jam	Door Hardware (Handles, Hinges, Locks)	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Paints and Finishes Unspecified 2 Coats Industry Average	Paint - Walls	* Door, Hollow Core and Wooden Jam	Paint	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Timber General Industry Average	External doors	* Door, Hollow Core and Wooden Jam	Door	NewProductTransport	150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	150	Sea, Articulated Truck
Concrete Unreinforced Unspecified Industry Average	External enclosing walls above ground level	100-75-100 Insulated Cavity Concrete Block	100mm Concrete Blocks	NewProductTransport	112.5	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	75	Sea, Articulated Truck
Cements and Limes Mortars and Renders 1 cement : 4 sand Industry Average	External enclosing walls above ground level	100-75-100 Insulated Cavity Concrete Block	Mortar (20kg per 10 blocks)	NewProductTransport	150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	150	Sea, Articulated Truck
Aluminium General Industry Average	External enclosing walls above ground level	100-75-100 Insulated Cavity Concrete Block	Flashing	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Plastics High Density Polyethylene (HDPE) Unspecified Industry Average	External enclosing walls above ground level	100-75-100 Insulated Cavity Concrete Block	Waterproof membrane	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Plastics High Density Polyethylene (HDPE) Unspecified Industry Average	Standard foundations	100-75-100 Insulated Cavity Concrete Block	Waterproof Membrane	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
				NewProductTransport	15150	Sea, Articulated Truck

Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	100-75-100 Insulated Cavity Concrete Block	Sealer	EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	100-75-100 Insulated Cavity Concrete Block	Undercoat	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	100-75-100 Insulated Cavity Concrete Block	Final Coat	EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
Paints and Finishes Unspecified 1 Coat Industry Average	External enclosing walls above ground level	100-75-100 Insulated Cavity Concrete Block	1st Coat	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
Paints and Finishes Unspecified 1 Coat Industry Average	External enclosing walls above ground level	100-75-100 Insulated Cavity Concrete Block	2nd Coat	EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
Paints and Finishes Unspecified 3 Coats Industry Average	External enclosing walls above ground level	100-75-100 Insulated Cavity Concrete Block	Final Coat	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
Insulation Blankets and Batts Mineral Wool Blanket R 2.0 Industry Average	Insulation	100-75-100 Insulated Cavity Concrete Block	fully filled cavity	EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
Concrete Reinforced 1.0% Reinforcement by mass 30 MPa Industry Average	Standard foundations	100-75-100 Insulated Cavity Concrete Block	Foundations	NewProductTransport	75	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
Concrete Unreinforced Unspecified Industry Average	External enclosing walls above ground level	100-125-240, Concrete block, aerated clay	100mm Concrete Blocks	EndOfLifeClosedLoopTransport	75	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
Cements and Limes Mortars and Renders 1 cement : 4 sand Industry Average	External enclosing walls above ground level	100-125-240, Concrete block, aerated clay	Mortar (20kg per 10 blocks)	NewProductTransport	150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
Aluminium General Industry Average	External enclosing walls above ground level	100-125-240, Concrete block, aerated clay	Flashing	EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
Plastics High Density Polyethylene (HDPE) Unspecified Industry Average	External enclosing walls above ground level	100-125-240, Concrete block, aerated clay	Waterproof membrane	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
Plastics High Density Polyethylene (HDPE) Unspecified Industry Average	Standard foundations	100-125-240, Concrete block, aerated clay	Waterproof Membrane	EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
Concrete Unreinforced Unspecified Industry Average	Wall finishes	100-125-240, Concrete block, aerated clay	Pre plaster float	NewProductTransport	75	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Wall finishes	100-125-240, Concrete block, aerated clay	Plaster	EndOfLifeClosedLoopTransport	375	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	100-125-240, Concrete block, aerated clay	Sealer	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	100-125-240, Concrete block, aerated clay	Undercoat	EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	100-125-240, Concrete block, aerated clay	Final Coat	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck

				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Timber Medium Density Fibreboard (MDF) Industry Average	Cornices & Shadowlines	100-125-240, Concrete block, aerated clay	Skirting boards	NewProductTransport	375	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	375	Sea, Articulated Truck
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Cornices & Shadowlines	100-125-240, Concrete block, aerated clay	Cornices	NewProductTransport	375	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	375	Sea, Articulated Truck
Plastics Acrylic Unspecified Industry Average	Wall finishes	100-125-240, Concrete block, aerated clay	Bonding agent (pre render)	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Paints and Finishes Unspecified 1 Coat Industry Average	External enclosing walls above ground level	100-125-240, Concrete block, aerated clay	1st Coat	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Paints and Finishes Unspecified 1 Coat Industry Average	External enclosing walls above ground level	100-125-240, Concrete block, aerated clay	2nd Coat	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Paints and Finishes Unspecified 3 Coats Industry Average	External enclosing walls above ground level	100-125-240, Concrete block, aerated clay	Final Coat	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Insulation Blankets and Batts Mineral Wool Blanket R 2.0 Industry Average	Insulation	100-125-240, Concrete block, aerated clay	fully filled cavity	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Concrete Reinforced 1.0% Reinforcement by mass 30 MPa Industry Average	Standard foundations	100-125-240, Concrete block, aerated clay	Foundations	NewProductTransport	75	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	75	Sea, Articulated Truck
Concrete Unreinforced Unspecified Industry Average	External enclosing walls above ground level	140-200-140 Concrete block cavity	100mm Concrete Blocks	NewProductTransport	112.5	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	75	Sea, Articulated Truck
Cements and Limes Mortars and Renders 1 cement : 4 sand Industry Average	External enclosing walls above ground level	140-200-140 Concrete block cavity	Mortar (20kg per 10 blocks)	NewProductTransport	150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	150	Sea, Articulated Truck
Aluminium General Industry Average	External enclosing walls above ground level	140-200-140 Concrete block cavity	Flashing	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Plastics High Density Polyethylene (HDPE) Unspecified Industry Average	External enclosing walls above ground level	140-200-140 Concrete block cavity	Waterproof membrane	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Plastics High Density Polyethylene (HDPE) Unspecified Industry Average	Standard foundations	140-200-140 Concrete block cavity	Waterproof Membrane	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	140-200-140 Concrete block cavity	Sealer	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	140-200-140 Concrete block cavity	Undercoat	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	140-200-140 Concrete block cavity	Final Coat	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Paints and Finishes Unspecified 1 Coat Industry Average	External enclosing walls above ground level	140-200-140 Concrete block cavity	1st Coat	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
	External			NewProductTransport	15150	Sea, Articulated Truck

Paints and Finishes Unspecified 1 Coat Industry Average	enclosing walls above ground level	140-200-140 Concrete block cavity	2nd Coat	EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Paints and Finishes Unspecified 3 Coats Industry Average	External enclosing walls above ground level	140-200-140 Concrete block cavity	Final Coat	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Insulation Blankets and Batts Mineral Wool Blanket R 2.0 Industry Average	Insulation	140-200-140 Concrete block cavity	fully filled cavity	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Concrete Reinforced 1.0% Reinforcement by mass 30 MPa Industry Average	Standard foundations	140-200-140 Concrete block cavity	Foundations	NewProductTransport	75	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	75	Sea, Articulated Truck
Concrete Unreinforced Unspecified Industry Average	External enclosing walls above ground level	140mm Concrete Block	140mm Concrete Blocks	NewProductTransport	112.5	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	75	Sea, Articulated Truck
Cements and Limes Mortars and Renders 1 cement : 4 sand Industry Average	External enclosing walls above ground level	140mm Concrete Block	Mortar (20kg per 10 blocks)	NewProductTransport	150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	150	Sea, Articulated Truck
Aluminium General Industry Average	External enclosing walls above ground level	140mm Concrete Block	Flashing	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Plastics High Density Polyethylene (HDPE) Unspecified Industry Average	Standard foundations	140mm Concrete Block	Waterproof Membrane	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Concrete Unreinforced Unspecified Industry Average	Wall finishes	140mm Concrete Block	Pre plaster float	NewProductTransport	75	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	75	Sea, Articulated Truck
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Wall finishes	140mm Concrete Block	Plaster	NewProductTransport	375	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	375	Sea, Articulated Truck
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	140mm Concrete Block	Sealer	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	140mm Concrete Block	Undercoat	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	140mm Concrete Block	Final Coat	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Timber Medium Density Fibreboard (MDF) Industry Average	Cornices & Shadowlines	140mm Concrete Block	Skirting boards	NewProductTransport	375	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	375	Sea, Articulated Truck
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Cornices & Shadowlines	140mm Concrete Block	Cornices	NewProductTransport	375	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	375	Sea, Articulated Truck
Plastics Acrylic Unspecified Industry Average	Wall finishes	140mm Concrete Block	Bonding agent (pre render)	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Paints and Finishes Unspecified 1 Coat Industry Average	External enclosing walls above ground level	140mm Concrete Block	1st Coat	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Paints and Finishes Unspecified 1 Coat Industry Average	External enclosing walls above ground	140mm Concrete Block	2nd Coat	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck

	level			EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Paints and Finishes Unspecified 3 Coats Industry Average	External enclosing walls above ground level	140mm Concrete Block	Final Coat	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	External enclosing walls above ground level	140mm Concrete Block	Plaster	NewProductTransport	375	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	375	Sea, Articulated Truck
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	External enclosing walls above ground level	140mm Concrete Block	Cornices	NewProductTransport	375	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	375	Sea, Articulated Truck
Plastics Acrylic Unspecified Industry Average	External enclosing walls above ground level	140mm Concrete Block	Bonding Agent Pre render	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Concrete Unreinforced Unspecified Industry Average	External enclosing walls above ground level	140mm Concrete Block	Pre plaster float	NewProductTransport	112.5	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	75	Sea, Articulated Truck
Concrete Reinforced 1.0% Reinforcement by mass 30 MPa Industry Average	Standard foundations	140mm Concrete Block	Foundations	NewProductTransport	75	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	75	Sea, Articulated Truck
Paints and Finishes Unspecified 2 Coats Industry Average	Paint - Walls	Timber double frame, Plbrd x2 on both sides	Sealer	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Paints and Finishes Unspecified 2 Coats Industry Average	Paint - Walls	Timber double frame, Plbrd x2 on both sides	Undercoat	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Paints and Finishes Unspecified 2 Coats Industry Average	Paint - Walls	Timber double frame, Plbrd x2 on both sides	Final Coat	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Timber Medium Density Fibreboard (MDF) Industry Average	Cornices & Shadowlines	Timber double frame, Plbrd x2 on both sides	Skirting boards	NewProductTransport	375	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	375	Sea, Articulated Truck
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Cornices & Shadowlines	Timber double frame, Plbrd x2 on both sides	Cornices	NewProductTransport	375	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	375	Sea, Articulated Truck
Timber Softwood Industry Average	External enclosing walls above ground level	Timber double frame, Plbrd x2 on both sides	Bottom Plate	NewProductTransport	150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	150	Sea, Articulated Truck
Timber Softwood Industry Average	External enclosing walls above ground level	Timber double frame, Plbrd x2 on both sides	Top Plate	NewProductTransport	150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	150	Sea, Articulated Truck
Timber Softwood Industry Average	External enclosing walls above ground level	Timber double frame, Plbrd x2 on both sides	Nogs	NewProductTransport	150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	150	Sea, Articulated Truck
Timber Softwood Industry Average	External enclosing walls above ground level	Timber double frame, Plbrd x2 on both sides	Studs at 600mm Centres	NewProductTransport	150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	150	Sea, Articulated Truck
Steel General Unspecified Industry Average	External enclosing walls above ground level	Timber double frame, Plbrd x2 on both sides	Bracing Straps and tie downs	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Plaster and Gypsum Derived Products Plaster Board 12mm Sheets Industry Average	Wall finishes	Timber double frame, Plbrd x2 on both sides	Plaster Board	NewProductTransport	7875	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	7875	Sea, Articulated Truck

Plaster and Gypsum Derived Products Plaster Board 12mm Sheets Industry Average	External enclosing walls above ground level	Timber double frame, Plbrd x2 on both sides	2 layers plasterboards both sides	NewProductTransport	7875	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	7875	Sea, Articulated Truck
Steel General Unspecified Industry Average	External enclosing walls above ground level	Timber double frame, Plbrd x2 on both sides	Fasteners / nails	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Insulation Blankets and Batts Polyester Batts Unspecified Industry Average	Insulation	Timber double frame, Plbrd x2 on both sides	Polyurethane Batts	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Plastics High Density Polyethylene (HDPE) Unspecified Industry Average	External enclosing walls above ground level	Timber double frame, Plbrd x2 on both sides	Waterproof membrane	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Timber Frame Stud, Pbrd, paint	Sealer	NewProductTransport	10100	Sea, Articulated Truck, Rigid truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Timber Frame Stud, Pbrd, paint	Undercoat	NewProductTransport	10100	Sea, Articulated Truck, Rigid truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Timber Frame Stud, Pbrd, paint	Final Coat	NewProductTransport	10100	Sea, Articulated Truck, Rigid truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Timber Medium Density Fibreboard (MDF) Industry Average	Cornices & Shadowlines	Timber Frame Stud, Pbrd, paint	Skirting boards	NewProductTransport	375	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	375	Sea, Articulated Truck
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Cornices & Shadowlines	Timber Frame Stud, Pbrd, paint	Cornices	NewProductTransport	10100	Sea, Articulated Truck, Rigid truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	375	Sea, Articulated Truck
Timber Softwood Industry Average	External enclosing walls above ground level	Timber Frame Stud, Pbrd, paint	Bottom Plate	NewProductTransport	150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	150	Sea, Articulated Truck
Timber Softwood Industry Average	External enclosing walls above ground level	Timber Frame Stud, Pbrd, paint	Top Plate	NewProductTransport	150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	150	Sea, Articulated Truck
Timber Softwood Industry Average	External enclosing walls above ground level	Timber Frame Stud, Pbrd, paint	Nogs	NewProductTransport	150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	150	Sea, Articulated Truck
Timber Softwood Industry Average	External enclosing walls above ground level	Timber Frame Stud, Pbrd, paint	Studs at 450mm Centres	NewProductTransport	150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	150	Sea, Articulated Truck
Steel General Unspecified Industry Average	External enclosing walls above ground level	Timber Frame Stud, Pbrd, paint	Bracing Straps and tie downs	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Plaster and Gypsum Derived Products Plaster Board 12mm Sheets Industry Average	Wall finishes	Timber Frame Stud, Pbrd, paint	Plaster Board	NewProductTransport	7875	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	7875	Sea, Articulated Truck
Steel General Unspecified Industry Average	External enclosing walls above ground level	Timber Frame Stud, Pbrd, paint	Fasteners / nails	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Insulation Blankets and Batts Polyester Batts Unspecified Industry Average	Insulation	Timber Frame Stud, Pbrd, paint	Polyurethane Batts	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck

				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Plastics High Density Polyethylene (HDPE) Unspecified Industry Average	External enclosing walls above ground level	Timber Frame Stud, Pbrd, paint	Waterproof membrane	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Aluminium General Industry Average	External enclosing walls above ground level	Structural 200mm Concrete Wall	Flashing	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Plastics High Density Polyethylene (HDPE) Unspecified Industry Average	External enclosing walls above ground level	Structural 200mm Concrete Wall	Waterproof membrane	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Plastics High Density Polyethylene (HDPE) Unspecified Industry Average	Standard foundations	Structural 200mm Concrete Wall	Waterproof Membrane	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Concrete Unreinforced Unspecified Industry Average	Wall finishes	Structural 200mm Concrete Wall	Pre plaster float	NewProductTransport	75	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	75	Sea, Articulated Truck
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Wall finishes	Structural 200mm Concrete Wall	Plaster	NewProductTransport	375	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	375	Sea, Articulated Truck
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Structural 200mm Concrete Wall	Sealer	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Structural 200mm Concrete Wall	Undercoat	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Structural 200mm Concrete Wall	Final Coat	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Timber Medium Density Fibreboard (MDF) Industry Average	Cornices & Shadowlines	Structural 200mm Concrete Wall	Skirting boards	NewProductTransport	375	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	375	Sea, Articulated Truck
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Cornices & Shadowlines	Structural 200mm Concrete Wall	Cornices	NewProductTransport	375	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	375	Sea, Articulated Truck
Plastics Acrylic Unspecified Industry Average	Wall finishes	Structural 200mm Concrete Wall	Bonding agent (pre render)	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Concrete Reinforced 1.0% Reinforcement by mass 30 MPa Industry Average	External enclosing walls above ground level	Structural 200mm Concrete Wall	200mm Solid Concrete Wall	NewProductTransport	75	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	75	Sea, Articulated Truck
Paints and Finishes Unspecified 1 Coat Industry Average	External enclosing walls above ground level	Structural 200mm Concrete Wall	Sealer	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Paints and Finishes Unspecified 1 Coat Industry Average	External enclosing walls above ground level	Structural 200mm Concrete Wall	Undercoat	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Paints and Finishes Unspecified 1 Coat Industry Average	External enclosing walls above ground level	Structural 200mm Concrete Wall	Final Coat	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Concrete Reinforced 1.0% Reinforcement by mass 30 MPa Industry Average	Standard foundations	Structural 200mm Concrete Wall	Foundations	NewProductTransport	75	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	75	Sea, Articulated Truck
				NewProductTransport	75	Sea, Articulated Truck

Concrete Reinforced 1.0% Reinforcement by mass 30 MPa Industry Average	Standard foundations	215mm Concrete Block	Foundations	EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	75	Sea, Articulated Truck
Concrete Unreinforced Unspecified Industry Average	External enclosing walls above ground level	215mm Concrete Block	215mm Concrete Blocks	NewProductTransport	112.5	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
Cements and Limes Mortars and Renders 1 cement : 4 sand Industry Average	External enclosing walls above ground level	215mm Concrete Block	Mortar (20kg per 10 blocks)	EndOfLifeClosedLoopTransport	75	Sea, Articulated Truck
				NewProductTransport	150	Sea, Articulated Truck
Aluminium General Industry Average	External enclosing walls above ground level	215mm Concrete Block	Flashing	EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Plastics High Density Polyethylene (HDPE) Unspecified Industry Average	Standard foundations	215mm Concrete Block	Waterproof Membrane	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
Concrete Unreinforced Unspecified Industry Average	Wall finishes	215mm Concrete Block	Pre plaster float	EndOfLifeClosedLoopTransport	75	Sea, Articulated Truck
				NewProductTransport	75	Sea, Articulated Truck
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Wall finishes	215mm Concrete Block	Plaster	EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	375	Sea, Articulated Truck
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	215mm Concrete Block	Sealer	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	215mm Concrete Block	Undercoat	EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
				NewProductTransport	15150	Sea, Articulated Truck
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	215mm Concrete Block	Final Coat	EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Timber Medium Density Fibreboard (MDF) Industry Average	Cornices & Shadowlines	215mm Concrete Block	Skirting boards	NewProductTransport	375	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Cornices & Shadowlines	215mm Concrete Block	Cornices	EndOfLifeClosedLoopTransport	375	Sea, Articulated Truck
				NewProductTransport	375	Sea, Articulated Truck
Plastics Acrylic Unspecified Industry Average	Wall finishes	215mm Concrete Block	Bonding agent (pre render)	EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Paints and Finishes Unspecified 1 Coat Industry Average	External enclosing walls above ground level	215mm Concrete Block	1st Coat	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
Paints and Finishes Unspecified 1 Coat Industry Average	External enclosing walls above ground level	215mm Concrete Block	2nd Coat	EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
				NewProductTransport	15150	Sea, Articulated Truck
Paints and Finishes Unspecified 3 Coats Industry Average	External enclosing walls above ground level	215mm Concrete Block	Final Coat	EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	External enclosing walls above ground level	215mm Concrete Block	Plaster	NewProductTransport	375	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	375	Sea, Articulated Truck

Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	External enclosing walls above ground level	215mm Concrete Block	Cornices	NewProductTransport	375	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	375	Sea, Articulated Truck
Plastics Acrylic Unspecified Industry Average	External enclosing walls above ground level	215mm Concrete Block	Bonding Agent Pre render	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Concrete Unreinforced Unspecified Industry Average	External enclosing walls above ground level	215mm Concrete Block	Pre plaster float	NewProductTransport	112.5	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	75	Sea, Articulated Truck
Concrete Reinforced 1.0% Reinforcement by mass 30 MPa Industry Average	Standard foundations	100-190-100, Concrete block, cavity, render	Foundations	NewProductTransport	75	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	75	Sea, Articulated Truck
Concrete Unreinforced Unspecified Industry Average	External enclosing walls above ground level	100-190-100, Concrete block, cavity, render	100mm Concrete Blocks	NewProductTransport	112.5	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	75	Sea, Articulated Truck
Cements and Limes Mortars and Renders 1 cement : 4 sand Industry Average	External enclosing walls above ground level	100-190-100, Concrete block, cavity, render	Mortar (20kg per 10 blocks)	NewProductTransport	150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	150	Sea, Articulated Truck
Aluminium General Industry Average	External enclosing walls above ground level	100-190-100, Concrete block, cavity, render	Flashing	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Plastics High Density Polyethylene (HDPE) Unspecified Industry Average	External enclosing walls above ground level	100-190-100, Concrete block, cavity, render	Waterproof membrane	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Plastics High Density Polyethylene (HDPE) Unspecified Industry Average	Standard foundations	100-190-100, Concrete block, cavity, render	Waterproof Membrane	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Concrete Unreinforced Unspecified Industry Average	Wall finishes	100-190-100, Concrete block, cavity, render	Pre plaster float	NewProductTransport	75	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	75	Sea, Articulated Truck
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Wall finishes	100-190-100, Concrete block, cavity, render	Plaster	NewProductTransport	375	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	375	Sea, Articulated Truck
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	100-190-100, Concrete block, cavity, render	Sealer	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	100-190-100, Concrete block, cavity, render	Undercoat	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	100-190-100, Concrete block, cavity, render	Final Coat	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Timber Medium Density Fibreboard (MDF) Industry Average	Cornices & Shadowlines	100-190-100, Concrete block, cavity, render	Skirting boards	NewProductTransport	375	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	375	Sea, Articulated Truck
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Cornices & Shadowlines	100-190-100, Concrete block, cavity, render	Cornices	NewProductTransport	375	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	375	Sea, Articulated Truck
Plastics Acrylic Unspecified Industry Average	Wall finishes	100-190-100, Concrete block, cavity, render	Bonding agent (pre render)	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
	External			NewProductTransport	15150	Sea, Articulated Truck

Paints and Finishes Unspecified 1 Coat Industry Average	enclosing walls above ground level	100-190-100, Concrete block, cavity, render	1st Coat	EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Paints and Finishes Unspecified 1 Coat Industry Average	External enclosing walls above ground level	100-190-100, Concrete block, cavity, render	2nd Coat	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
Paints and Finishes Unspecified 3 Coats Industry Average	External enclosing walls above ground level	100-190-100, Concrete block, cavity, render	Final Coat	EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
Insulation Blankets and Batts Mineral Wool Blanket R 2.0 Industry Average	Insulation	100-190-100, Concrete block, cavity, render	fully filled cavity	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
Cements and Limes Mortars and Renders 1 Lime : 3 sand Industry Average	External enclosing walls above ground level	100-190-100, Concrete block, cavity, render	Clay block mortar	EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
Plastics High Density Polyethylene (HDPE) Unspecified Industry Average	External enclosing walls above ground level	Timber Frame, 90mm Pbrd x2, paint both sides	Waterproof membrane	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Timber Frame, 90mm Pbrd x2, paint both sides	Sealer	EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Timber Frame, 90mm Pbrd x2, paint both sides	Undercoat	NewProductTransport	10100	Sea, Articulated Truck, Rigid truck
				EndOfLifeDisposalTransport	50	Rigid truck
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Timber Frame, 90mm Pbrd x2, paint both sides	Final Coat	EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
Timber Medium Density Fibreboard (MDF) Industry Average	Cornices & Shadowlines	Timber Frame, 90mm Pbrd x2, paint both sides	Skirting boards	NewProductTransport	375	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Cornices & Shadowlines	Timber Frame, 90mm Pbrd x2, paint both sides	Cornices	EndOfLifeClosedLoopTransport	375	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
Timber Softwood Industry Average	External enclosing walls above ground level	Timber Frame, 90mm Pbrd x2, paint both sides	Bottom Plate	NewProductTransport	150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
Timber Softwood Industry Average	External enclosing walls above ground level	Timber Frame, 90mm Pbrd x2, paint both sides	Top Plate	EndOfLifeClosedLoopTransport	150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
Timber Softwood Industry Average	External enclosing walls above ground level	Timber Frame, 90mm Pbrd x2, paint both sides	Nogs	NewProductTransport	150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
Timber Softwood Industry Average	External enclosing walls above ground level	Timber Frame, 90mm Pbrd x2, paint both sides	Studs at 600mm Centres	EndOfLifeClosedLoopTransport	150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
Steel General Unspecified Industry Average	External enclosing walls above ground level	Timber Frame, 90mm Pbrd x2, paint both sides	Bracing Straps and tie downs	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
Plaster and Gypsum Derived Products Plaster Board 12mm Sheets Industry Average	Wall finishes	Timber Frame, 90mm Pbrd x2, paint both sides	Plaster Board	EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
Plaster and Gypsum Derived Products Plaster Board 12mm Sheets Industry Average	Wall finishes	Timber Frame, 90mm Pbrd x2, paint both sides	Plaster Board	NewProductTransport	7875	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
Plaster and Gypsum Derived Products Plaster Board 12mm Sheets Industry Average	Wall finishes	Timber Frame, 90mm Pbrd x2, paint both sides	Plaster Board	EndOfLifeClosedLoopTransport	7875	Sea, Articulated Truck

Steel General Unspecified Industry Average	External enclosing walls above ground level	Timber Frame, 90mm Pbrd x2, paint both sides	Fasteners / nails	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Insulation Blankets and Batts Polyester Batts Unspecified Industry Average	Insulation	Timber Frame, 90mm Pbrd x2, paint both sides	Polyurethane Batts	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Plastics High Density Polyethylene (HDPE) Unspecified Industry Average	External enclosing walls above ground level	* Timber Frame, 30mm insul, Pbrd, paint both sides	Waterproof membrane	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	* Timber Frame, 30mm insul, Pbrd, paint both sides	Sealer	NewProductTransport	10100	Sea, Articulated Truck, Rigid truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	* Timber Frame, 30mm insul, Pbrd, paint both sides	Undercoat	NewProductTransport	10100	Sea, Articulated Truck, Rigid truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	* Timber Frame, 30mm insul, Pbrd, paint both sides	Final Coat	NewProductTransport	10100	Sea, Articulated Truck, Rigid truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Timber Medium Density Fibreboard (MDF) Industry Average	Cornices & Shadowlines	* Timber Frame, 30mm insul, Pbrd, paint both sides	Skirting boards	NewProductTransport	375	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	375	Sea, Articulated Truck
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Cornices & Shadowlines	* Timber Frame, 30mm insul, Pbrd, paint both sides	Cornices	NewProductTransport	10100	Sea, Articulated Truck, Rigid truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	375	Sea, Articulated Truck
Timber Softwood Industry Average	External enclosing walls above ground level	* Timber Frame, 30mm insul, Pbrd, paint both sides	Bottom Plate	NewProductTransport	150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	150	Sea, Articulated Truck
Timber Softwood Industry Average	External enclosing walls above ground level	* Timber Frame, 30mm insul, Pbrd, paint both sides	Top Plate	NewProductTransport	150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	150	Sea, Articulated Truck
Timber Softwood Industry Average	External enclosing walls above ground level	* Timber Frame, 30mm insul, Pbrd, paint both sides	Nogs	NewProductTransport	150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	150	Sea, Articulated Truck
Timber Softwood Industry Average	External enclosing walls above ground level	* Timber Frame, 30mm insul, Pbrd, paint both sides	Studs at 450mm Centres	NewProductTransport	150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	150	Sea, Articulated Truck
Steel General Unspecified Industry Average	External enclosing walls above ground level	* Timber Frame, 30mm insul, Pbrd, paint both sides	Bracing Straps and tie downs	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Plaster and Gypsum Derived Products Plaster Board 12mm Sheets Industry Average	Wall finishes	* Timber Frame, 30mm insul, Pbrd, paint both sides	Plaster Board	NewProductTransport	7875	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	7875	Sea, Articulated Truck
Steel General Unspecified Industry Average	External enclosing walls above ground level	* Timber Frame, 30mm insul, Pbrd, paint both sides	Fasteners / nails	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Insulation Blankets and Batts Polyester Batts Unspecified Industry Average	Insulation	* Timber Frame, 30mm insul, Pbrd, paint both sides	Polyurethane Batts	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Steel General Unspecified Industry Average	External enclosing walls above ground	Steel stud, 600mm centre, plbrd one side	Steel Framing - 90mm Wall	NewProductTransport	15200	Sea, Articulated Truck, Rigid truck
				EndOfLifeDisposalTransport	50	Rigid truck

	level			EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Steel General Unspecified Industry Average	External enclosing walls above ground level	Steel stud, 600mm centre, plbrd one side	Brackets and Fastners	NewProductTransport	15200	Sea, Articulated Truck, Rigid truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Steel stud, 600mm centre, plbrd one side	Sealer	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Steel stud, 600mm centre, plbrd one side	Undercoat	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Steel stud, 600mm centre, plbrd one side	Final Coat	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Timber Medium Density Fibreboard (MDF) Industry Average	Cornices & Shadowlines	Steel stud, 600mm centre, plbrd one side	Skirting boards	NewProductTransport	375	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	375	Sea, Articulated Truck
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Cornices & Shadowlines	Steel stud, 600mm centre, plbrd one side	Cornices	NewProductTransport	375	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	375	Sea, Articulated Truck
Plaster and Gypsum Derived Products Plaster Board 12mm Sheets Industry Average	Wall finishes	Steel stud, 600mm centre, plbrd one side	Plaster Board	NewProductTransport	7875	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	7875	Sea, Articulated Truck
Steel General Unspecified Industry Average	External enclosing walls above ground level	Steel stud, 600mm centre, plbrd one side	Fastners and/or nails	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Plastics Polyvinyl Chloride (PVC) Unspecified Industry Average	Roof structure	Green Roof, Bitumen, EPS	Root resistant	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Plastics High Density Polyethylene (HDPE) Unspecified Industry Average	Roof structure	Green Roof, Bitumen, EPS	Drainage mesh module	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Plastics High Density Polyethylene (HDPE) Unspecified Industry Average	Roof structure	Green Roof, Bitumen, EPS	Water drainage tray	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Carpets and Floor Coverings Underlay Felt Industry Average	Roof structure	Green Roof, Bitumen, EPS	Filter fabric	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Plastics High Density Polyethylene (HDPE) Unspecified Industry Average	Roof structure	Green Roof, Bitumen, EPS	Confinement cells	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Bulk Aggregates Sands and Soils Sand (Compacted) Unspecified Industry Average	Roof structure	Green Roof, Bitumen, EPS	Growing Media	NewProductTransport	150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	150	Sea, Articulated Truck
Insulation Rigid Foams and Boards Polystyrene Unspecified EPS Industry Average	Insulation	Green Roof, Bitumen, EPS	EPS 170mm	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Asphalt and Bitumen Asphalt Unspecified Industry Average	Roof coverings	Green Roof, Bitumen, EPS	Bitumen	NewProductTransport	75	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	75	Sea, Articulated Truck
Plastics Polyvinyl Chloride (PVC) PVC Pipe Industry Average	Roof drainage	Green Roof, Bitumen, EPS	Down pipe	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck

Plastics Polyvinyl Chloride (PVC) PVC Pipe Industry Average	Roof drainage	Green Roof, Bitumen, EPS	Gutter	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck
Finished Products Electrical Goods Solar PV Panels Monocrystalline Unspecified Industry Average	Electrical installations	Monocrystalline Solar System - Zone 3	Panels	NewProductTransport	15375	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15375	Sea, Articulated Truck
Finished Products Electrical Goods Inverter Industry Average	Electrical installations	Monocrystalline Solar System - Zone 3	Inverter and cables etc	NewProductTransport	15375	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15375	Sea, Articulated Truck
Aluminium General Industry Average	Electrical installations	Monocrystalline Solar System - Zone 3	Frames	NewProductTransport	15150	Sea, Articulated Truck
				EndOfLifeDisposalTransport	50	Rigid truck
				EndOfLifeClosedLoopTransport	15150	Sea, Articulated Truck

Material Disposal

Material Name	Category	Template Name	Description	Disposal Rate	Disposal Method
Plastics General Unspecified Industry Average	Communication, security and control systems	* Communications, Residential	Plastic associated with electrical wire and fittings	100%	Plastics Landfill
Steel General Unspecified Industry Average	General fittings, furnishings and equipment	* Communications, Residential	Light Fittings	20%	Steel products Landfill
Plastics General Unspecified Industry Average	General fittings, furnishings and equipment	* Communications, Residential	Light Fittings	100%	Plastics Landfill
Metals (excluding steel and Aluminium) Copper Industry Average	Communication, security and control systems	* Communications, Residential	Copper electrical wire	52%	Copper Landfill
Timber General Industry Average	Sanitary installations	Plumbing, hardware and install to slab	Hardware (pressure limiting valve, mains tap etc)	100%	Combustion of timberwaste - no recovery
Metals (excluding steel and Aluminium) Copper Industry Average	Sanitary installations	Plumbing, hardware and install to slab	Copper pipe water supply from mains	52%	Copper Landfill
Plastics Polyvinyl Chloride (PVC) PVC Pipe Industry Average	Sanitary installations	Plumbing, hardware and install to slab	Sewer pipe	80%	Plastics Landfill
Timber General Industry Average	Sanitary installations	Plumbing, hardware and install to slab, Commercial	Hardware (pressure limiting valve, mains tap etc)	100%	Combustion of timberwaste - no recovery
Metals (excluding steel and Aluminium) Copper Industry Average	Sanitary installations	Plumbing, hardware and install to slab, Commercial	Copper pipe water supply from mains	52%	Copper Landfill
Plastics Polyvinyl Chloride (PVC) PVC Pipe Industry Average	Sanitary installations	Plumbing, hardware and install to slab, Commercial	Sewer pipe	80%	Plastics Landfill
Rubber Synthetic Industry Average	Electrical installations	Site Electrical Works - Residential	Wire casing	100%	Plastics Landfill
Plastics Polyvinyl Chloride (PVC) Unspecified Industry Average	Electrical installations	Site Electrical Works - Residential	Conduit	80%	Plastics Landfill
Steel General Unspecified Industry Average	Electrical installations	Site Electrical Works - Residential	Meter Box	20%	Steel products Landfill
Finished Products Electrical Goods Inverter Industry Average	Electrical installations	Site Electrical Works - Residential	Switches	100%	inverters Landfill
Metals (excluding steel and Aluminium) Copper Industry Average	Electrical installations	Site Electrical Works - Residential	Copper wire	52%	Copper Landfill
Rubber Synthetic Industry Average	Electrical installations	Site Electrical Works - Commercial	Wire casing	100%	Plastics Landfill
Plastics Polyvinyl Chloride (PVC) Unspecified Industry Average	Electrical installations	Site Electrical Works - Commercial	Conduit	80%	Plastics Landfill
Steel General Unspecified Industry Average	Electrical installations	Site Electrical Works - Commercial	Meter Box	20%	Steel products Landfill
Finished Products Electrical Goods Inverter Industry Average	Electrical installations	Site Electrical Works - Commercial	Switches	100%	inverters Landfill
Metals (excluding steel and Aluminium) Copper Industry Average	Electrical installations	Site Electrical Works - Commercial	Copper wire	52%	Copper Landfill
Plastics General Unspecified Industry Average	Communication, security and control systems	Communications, Commercial	Plastic associated with electrical wire and fittings	100%	Plastics Landfill
Steel General Unspecified Industry Average	General fittings, furnishings and equipment	Communications, Commercial	Light Fittings	20%	Steel products Landfill
Plastics General Unspecified Industry Average	General fittings, furnishings and equipment	Communications, Commercial	Light Fittings	100%	Plastics Landfill
Metals (excluding steel and Aluminium) Copper Industry Average	Communication, security and control systems	Communications, Commercial	Copper electrical wire	52%	Copper Landfill

Plastics General Unspecified Industry Average	Space heating and air conditioning	Exhaust Extraction Fan, Plastic	Plastic associated with electrical wire and fittings	100%	Plastics Landfill
Plastics General Unspecified Industry Average	Space heating and air conditioning	Exhaust Extraction Fan, Plastic	Fan rotor, blades and housing	100%	Plastics Landfill
Metals (excluding steel and Aluminium) Copper Industry Average	Space heating and air conditioning	Exhaust Extraction Fan, Plastic	Copper electrical wire	52%	Copper Landfill
Steel Coated Sheet Zinc Coated & Coloured Sheet 0.43mm Industry Average	General fittings, furnishings and equipment	Lighting Residential CFL Med Natural Light	Light fitting	20%	Garden waste Landfill
Glass Flat Glass Industry Average	General fittings, furnishings and equipment	Lighting Residential CFL Med Natural Light	Light Fittings	100%	Glass Land Fill
Finished Products Electrical Goods Light Fittings Fluorescent Globes Compact Industry Average	General fittings, furnishings and equipment	Lighting Residential CFL Med Natural Light	Light Globes For Internal Fittings	100%	No Disposal Process
Steel Coated Sheet Zinc Coated & Coloured Sheet 0.43mm Industry Average	General fittings, furnishings and equipment	Lighting Communal, Flouro by area	Light fitting	20%	Garden waste Landfill
Glass Flat Glass Industry Average	General fittings, furnishings and equipment	Lighting Communal, Flouro by area	Light Fittings	100%	Glass Land Fill
Finished Products Electrical Goods Light Fittings Fluorescent Globes Compact Industry Average	General fittings, furnishings and equipment	Lighting Communal, Flouro by area	Light Globes For Internal Fittings	100%	No Disposal Process
Metals (excluding steel and Aluminium) Copper Industry Average	Sanitary installations	HWS, Biomass, large distributed system	Gas Heating Element etc	52%	Copper Landfill
Plastics General Unspecified Industry Average	Sanitary installations	HWS, Biomass, large distributed system	Plastic Moulding etc	100%	Plastics Landfill
Metals (excluding steel and Aluminium) Copper Industry Average	Sanitary installations	HWS, Biomass, large distributed system	Associated Plumbing for HWS	52%	Copper Landfill
Aluminium General Industry Average	Sanitary installations	HWS, Biomass, large distributed system	Sacrificial Anode	42.67%	Aluminium Landfill
Insulation Rigid Foams and Boards Polyurethane Industry Average	Sanitary installations	HWS, Biomass, large distributed system	Insulation	100%	Plastics Landfill
Steel General Unspecified Industry Average	Sanitary installations	HWS, Biomass, large distributed system	Tank	20%	Steel products Landfill
Metals (excluding steel and Aluminium) Iron Industry Average	Lift and conveyor installations	Elevator Car, Passenger	Car componentry	28.25%	Steel products Landfill
Metals (excluding steel and Aluminium) Copper Industry Average	Lift and conveyor installations	Elevator Car, Passenger	Car componentry	52%	Copper Landfill
Steel Stainless Unspecified Industry Average	Lift and conveyor installations	Elevator Car, Passenger	Car componentry	20%	Steel products Landfill
Steel General Unspecified Industry Average	Lift and conveyor installations	Elevator Car, Passenger	Car componentry and structure	20%	Steel products Landfill
Plastics General Unspecified Industry Average	Lift and conveyor installations	Elevator Car, Passenger	Car componentry	100%	Plastics Landfill
Metals (excluding steel and Aluminium) Titanium Industry Average	Lift and conveyor installations	Elevator Car, Passenger	Car componentry	9%	Non-ferrous metals Landfill
Rubber Synthetic Industry Average	Lift and conveyor installations	Elevator Car, Passenger	Car componentry	100%	Plastics Landfill
Glass Flat Glass Industry Average	Lift and conveyor installations	Elevator Car, Passenger	Car componentry	100%	Glass Land Fill
Finished Products Electrical Goods Inverter Industry Average	Lift and conveyor installations	Elevator Car, Passenger	Car componentry	100%	inverters Landfill
Metals (excluding steel and Aluminium) Lead Industry Average	Lift and conveyor installations	Elevator Car, Passenger	Counter weight	28.33%	Lead Landfill
Finished Products Electrical Goods Inverter Industry Average	Lift and conveyor installations	Elevator Car, Passenger	Drive motor etc	100%	inverters Landfill
Aluminium General Industry Average	Lift and conveyor installations	Elevator Car, Passenger	Car componentry	42.67%	Aluminium Landfill
Steel General Unspecified Industry Average	Lift and conveyor installations	Elevator Housing, Passenger. Building Supported	Hoist Rope	20%	Steel products Landfill
Steel Stainless Unspecified Industry Average	Lift and conveyor installations	Elevator Housing, Passenger. Building Supported	External Doors	20%	Steel products Landfill
Steel General Unspecified Industry Average	Lift and conveyor installations	Elevator Housing, Passenger. Building Supported	Door rails and guides	20%	Steel products Landfill
Rubber Synthetic Industry Average	Lift and conveyor installations	Elevator Housing, Passenger. Building Supported	External Door Guides and Wheels	100%	Plastics Landfill
Finished Products Electrical Goods Inverter Industry Average	Lift and conveyor installations	Elevator Housing, Passenger. Building Supported	Controls	100%	inverters Landfill
Steel Stainless Unspecified Industry Average	Lift and conveyor installations	Elevator Housing, Passenger. Building Supported	Control Panel	20%	Steel products Landfill
Steel General Unspecified Industry Average	Lift and conveyor installations	Elevator Housing, Passenger. Building Supported	Housing frame	20%	Steel products Landfill
Insulation Rigid Foams and Boards Woodfibre Insulation Board Density 180 General Supply (Landfill)	External enclosing walls above ground level	Aerated Clay Brick, 150 insul, render, plaster	Wood fibre insulation	100%	Wood Landfill

X Non Compliant Data Masonry Bricks and Blocks Low Temp Clay Bricks Insulating Block for Thin Bed Mortar Walls Industry Average	External enclosing walls above ground level	Aerated Clay Brick, 150 insul, render, plaster	Terracotta aerated blocks	100%	Inert Waste Landfill
Cements and Limes Mortars and Renders 1 cement : 4 sand Industry Average	External enclosing walls above ground level	Aerated Clay Brick, 150 insul, render, plaster	Mortar for brick laying	100%	Inert Waste Landfill
Plastics General Unspecified Industry Average	Insulation	Aerated Clay Brick, 150 insul, render, plaster	Insulation fixings	100%	Plastics Landfill
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Wall finishes	Aerated Clay Brick, 150 insul, render, plaster	Plaster	100%	Inert Waste Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Aerated Clay Brick, 150 insul, render, plaster	Sealer	100%	Plastics Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Aerated Clay Brick, 150 insul, render, plaster	Undercoat	100%	Plastics Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Aerated Clay Brick, 150 insul, render, plaster	Final Coat	100%	Plastics Landfill
Timber Medium Density Fibreboard (MDF) Industry Average	Cornices & Shadowlines	Aerated Clay Brick, 150 insul, render, plaster	Skirting boards	100%	Combustion of timberwaste - no recovery
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Cornices & Shadowlines	Aerated Clay Brick, 150 insul, render, plaster	Cornices	100%	Inert Waste Landfill
Concrete Unreinforced Unspecified Industry Average	Wall finishes	Aerated Clay Brick, 150 insul, render, plaster	Pre plaster float	100%	Inert Waste Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	External Paint, Textures and Renders	Aerated Clay Brick, 150 insul, render, plaster	Primer	100%	Plastics Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	External Paint, Textures and Renders	Aerated Clay Brick, 150 insul, render, plaster	Undercoat	100%	Plastics Landfill
Steel General Unspecified Industry Average	External Paint, Textures and Renders	Aerated Clay Brick, 150 insul, render, plaster	Consumables (Paint tins, rollers, etc)	20%	Steel products Landfill
Paints and Finishes Unspecified 3 Coats Industry Average	External Paint, Textures and Renders	Aerated Clay Brick, 150 insul, render, plaster	Top Coat	100%	Plastics Landfill
Cements and Limes Mortars and Renders 1 Lime : 3 sand Industry Average	External enclosing walls above ground level	Aerated Clay Brick, 150 insul, render, plaster	lime render 8mm	100%	Inert Waste Landfill
Insulation Rigid Foams and Boards Woodfibre Insulation Board Density 180 General Supply (Landfill)	External enclosing walls above ground level	Aerated clay brick, 100 insul, tile clad	Wood fibre insulation	100%	Wood Landfill
X Non Compliant Data Masonry Bricks and Blocks Low Temp Clay Bricks Insulating Block for Thin Bed Mortar Walls Industry Average	External enclosing walls above ground level	Aerated clay brick, 100 insul, tile clad	Terracotta aerated blocks	100%	Inert Waste Landfill
Cements and Limes Mortars and Renders 1 cement : 4 sand Industry Average	External enclosing walls above ground level	Aerated clay brick, 100 insul, tile clad	Mortar for brick laying	100%	Inert Waste Landfill
Plastics General Unspecified Industry Average	Insulation	Aerated clay brick, 100 insul, tile clad	Insulation fixings	100%	Plastics Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Aerated clay brick, 100 insul, tile clad	Sealer	100%	Plastics Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Aerated clay brick, 100 insul, tile clad	Undercoat	100%	Plastics Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Aerated clay brick, 100 insul, tile clad	Final Coat	100%	Plastics Landfill
Timber Medium Density Fibreboard (MDF) Industry Average	Cornices & Shadowlines	Aerated clay brick, 100 insul, tile clad	Skirting boards	100%	Combustion of timberwaste - no recovery
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Cornices & Shadowlines	Aerated clay brick, 100 insul, tile clad	Cornices	100%	Inert Waste Landfill
Concrete Unreinforced Unspecified Industry Average	Wall finishes	Aerated clay brick, 100 insul, tile clad	Pre plaster float	100%	Inert Waste Landfill
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Wall finishes	Aerated clay brick, 100 insul, tile clad	Plaster	100%	Inert Waste Landfill
Ceramics Ceramic Tiles Industry Average	External enclosing walls above ground level	Aerated clay brick, 100 insul, tile clad	Tile cladding 30mm	100%	Inert Waste Landfill
Aluminium General Industry Average	External enclosing walls above ground level	Aerated clay brick, 100 insul, tile clad	Aluminium rail fixing	42.67%	Aluminium Landfill
Rubber Synthetic Industry Average	External enclosing walls above ground level	Aerated clay brick, 100 insul, tile clad	Damp P Roof Course Membrane	100%	Plastics Landfill

Cements and Limes Mortars and Renders 1 Lime : 3 sand Industry Average	External enclosing walls above ground level	Aerated clay brick, 100 insul, tile clad	lime render 8mm	100%	Inert Waste Landfill
Insulation Rigid Foams and Boards Woodfibre Insulation Board Density 180 General Supply (Landfill)	External enclosing walls above ground level	Aerated clay brick, 100 insul, timber clad	Wood fibre insulation	100%	Wood Landfill
X Non Compliant Data Masonry Bricks and Blocks Low Temp Clay Bricks Insulating Block for Thin Bed Mortar Walls Industry Average	External enclosing walls above ground level	Aerated clay brick, 100 insul, timber clad	Terracotta aerated blocks	100%	Inert Waste Landfill
Cements and Limes Mortars and Renders 1 cement : 4 sand Industry Average	External enclosing walls above ground level	Aerated clay brick, 100 insul, timber clad	Mortar for brick laying	100%	Inert Waste Landfill
Plastics General Unspecified Industry Average	Insulation	Aerated clay brick, 100 insul, timber clad	Insulation fixings	100%	Plastics Landfill
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Wall finishes	Aerated clay brick, 100 insul, timber clad	Plaster	100%	Inert Waste Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Aerated clay brick, 100 insul, timber clad	Sealer	100%	Plastics Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Aerated clay brick, 100 insul, timber clad	Undercoat	100%	Plastics Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Aerated clay brick, 100 insul, timber clad	Final Coat	100%	Plastics Landfill
Timber Medium Density Fibreboard (MDF) Industry Average	Cornices & Shadowlines	Aerated clay brick, 100 insul, timber clad	Skirting boards	100%	Combustion of timberwaste - no recovery
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Cornices & Shadowlines	Aerated clay brick, 100 insul, timber clad	Cornices	100%	Inert Waste Landfill
Concrete Unreinforced Unspecified Industry Average	Wall finishes	Aerated clay brick, 100 insul, timber clad	Pre plaster float	100%	Inert Waste Landfill
Timber Hardwood Industry Average	External enclosing walls above ground level	Aerated clay brick, 100 insul, timber clad	Timber cladding 21mm	100%	Combustion of timberwaste - no recovery
Timber General Industry Average	External enclosing walls above ground level	Aerated clay brick, 100 insul, timber clad	Timber battens 100mm spacing	100%	Combustion of timberwaste - no recovery
Timber General Industry Average	External enclosing walls above ground level	Aerated clay brick, 100 insul, timber clad	Timber battens vertical 600mm spacing	100%	Combustion of timberwaste - no recovery
Plastics Polyurethane Unspecified Industry Average	External enclosing walls above ground level	Aerated clay brick, 100 insul, timber clad	Breather Membrane	100%	Plastics Landfill
Paints and Finishes Wood Stains and Finishes General Industry Average	External enclosing walls above ground level	Aerated clay brick, 100 insul, timber clad	Timber panel finish	100%	Plastics Landfill
Cements and Limes Mortars and Renders 1 Lime : 3 sand Industry Average	External enclosing walls above ground level	Aerated clay brick, 100 insul, timber clad	lime render 8mm	100%	Inert Waste Landfill
Cements and Limes Mortars and Renders 1 cement : 4 sand Industry Average	External enclosing walls above ground level	100mm Concrete Block, Concrete structure, tiles	Mortar (20kg per 10 blocks)	100%	Inert Waste Landfill
Aluminium General Industry Average	External enclosing walls above ground level	100mm Concrete Block, Concrete structure, tiles	Flashing	42.67%	Aluminium Landfill
Concrete Reinforced 1.0% Reinforcement by mass 30 MPa Industry Average	External enclosing walls above ground level	100mm Concrete Block, Concrete structure, tiles	Concrete structure	100%	Inert Waste Landfill
Ceramics Ceramic Tiles Industry Average	External enclosing walls above ground level	100mm Concrete Block, Concrete structure, tiles	Tile cladding 30mm	100%	Inert Waste Landfill
Aluminium General Industry Average	External enclosing walls above ground level	100mm Concrete Block, Concrete structure, tiles	Aluminium rail fixing	42.67%	Aluminium Landfill
Rubber Synthetic Industry Average	External enclosing walls above ground level	100mm Concrete Block, Concrete structure, tiles	Damp PProof Course Membrane	100%	Plastics Landfill
Concrete Unreinforced Unspecified Industry Average	External enclosing walls above ground level	100mm Concrete Block, Concrete structure, tiles	140mm Concrete Blocks	100%	Inert Waste Landfill

Cements and Limes Mortars and Renders 1 cement : 4 sand Industry Average	External enclosing walls above ground level	100mm Concrete Block, Concrete structure, render	Mortar (20kg per 10 blocks)	100%	Inert Waste Landfill
Aluminium General Industry Average	External enclosing walls above ground level	100mm Concrete Block, Concrete structure, render	Flashing	42.67%	Aluminium Landfill
Concrete Unreinforced Unspecified Industry Average	Wall finishes	100mm Concrete Block, Concrete structure, render	Pre plaster float	100%	Inert Waste Landfill
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Wall finishes	100mm Concrete Block, Concrete structure, render	Plaster	100%	Inert Waste Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	100mm Concrete Block, Concrete structure, render	Sealer	100%	Plastics Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	100mm Concrete Block, Concrete structure, render	Undercoat	100%	Plastics Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	100mm Concrete Block, Concrete structure, render	Final Coat	100%	Plastics Landfill
Timber Medium Density Fibreboard (MDF) Industry Average	Cornices & Shadowlines	100mm Concrete Block, Concrete structure, render	Skirting boards	100%	Combustion of timberwaste - no recovery
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Cornices & Shadowlines	100mm Concrete Block, Concrete structure, render	Cornices	100%	Inert Waste Landfill
Plastics Acrylic Unspecified Industry Average	Wall finishes	100mm Concrete Block, Concrete structure, render	Bonding agent (pre render)	100%	Plastics Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	External enclosing walls above ground level	100mm Concrete Block, Concrete structure, render	1st Coat	100%	Plastics Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	External enclosing walls above ground level	100mm Concrete Block, Concrete structure, render	2nd Coat	100%	Plastics Landfill
Paints and Finishes Unspecified 3 Coats Industry Average	External enclosing walls above ground level	100mm Concrete Block, Concrete structure, render	Final Coat	100%	Plastics Landfill
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	External enclosing walls above ground level	100mm Concrete Block, Concrete structure, render	Plaster	100%	Inert Waste Landfill
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	External enclosing walls above ground level	100mm Concrete Block, Concrete structure, render	Cornices	100%	Inert Waste Landfill
Plastics Acrylic Unspecified Industry Average	External enclosing walls above ground level	100mm Concrete Block, Concrete structure, render	Bonding Agent Pre render	100%	Plastics Landfill
Concrete Unreinforced Unspecified Industry Average	External enclosing walls above ground level	100mm Concrete Block, Concrete structure, render	Pre plaster float	100%	Inert Waste Landfill
Concrete Unreinforced Unspecified Industry Average	External enclosing walls above ground level	100mm Concrete Block, Concrete structure, render	140mm Concrete Blocks	100%	Inert Waste Landfill
Concrete Unreinforced Unspecified Industry Average	External enclosing walls above ground level	100-75-100 Insulated Cavity Concrete Block	100mm Concrete Blocks	100%	Inert Waste Landfill
Cements and Limes Mortars and Renders 1 cement : 4 sand Industry Average	External enclosing walls above ground level	100-75-100 Insulated Cavity Concrete Block	Mortar (20kg per 10 blocks)	100%	Inert Waste Landfill
Aluminium General Industry Average	External enclosing walls above ground level	100-75-100 Insulated Cavity Concrete Block	Flashing	42.67%	Aluminium Landfill
Plastics High Density Polyethylene (HDPE) Unspecified Industry Average	External enclosing walls above ground level	100-75-100 Insulated Cavity Concrete Block	Waterproof membrane	80%	Plastics Landfill
Plastics High Density Polyethylene (HDPE) Unspecified Industry Average	Standard foundations	100-75-100 Insulated Cavity Concrete Block	Waterproof Membrane	80%	Plastics Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	100-75-100 Insulated Cavity Concrete Block	Sealer	100%	Plastics Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	100-75-100 Insulated Cavity Concrete Block	Undercoat	100%	Plastics Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	100-75-100 Insulated Cavity Concrete Block	Final Coat	100%	Plastics Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	External enclosing walls above ground level	100-75-100 Insulated Cavity Concrete Block	1st Coat	100%	Plastics Landfill

Paints and Finishes Unspecified 1 Coat Industry Average	External enclosing walls above ground level	100-75-100 Insulated Cavity Concrete Block	2nd Coat	100%	Plastics Landfill
Paints and Finishes Unspecified 3 Coats Industry Average	External enclosing walls above ground level	100-75-100 Insulated Cavity Concrete Block	Final Coat	100%	Plastics Landfill
Insulation Blankets and Batts Mineral Wool Blanket R 2.0 Industry Average	Insulation	100-75-100 Insulated Cavity Concrete Block	fully filled cavity	100%	Inert Waste Landfill
Concrete Reinforced 1.0% Reinforcement by mass 30 MPa Industry Average	Standard foundations	100-75-100 Insulated Cavity Concrete Block	Foundations	100%	Inert Waste Landfill
Timber General Industry Average	External enclosing walls above ground level	Timber cladding	Timber battens 100mm spacing	100%	Combustion of timberwaste - no recovery
Timber General Industry Average	External enclosing walls above ground level	Timber cladding	Timber battens vertical 600mm spacing	100%	Combustion of timberwaste - no recovery
Plastics Polyurethane Unspecified Industry Average	External enclosing walls above ground level	Timber cladding	Breather Membrane	100%	Plastics Landfill
Paints and Finishes Wood Stains and Finishes General Industry Average	External enclosing walls above ground level	Timber cladding	Timber panel finish	100%	Plastics Landfill
Timber Hardwood Industry Average	External enclosing walls above ground level	Timber cladding	Timber cladding 21mm	100%	Combustion of timberwaste - no recovery
Steel Stainless Unspecified Industry Average	External enclosing walls above ground level	Ballustrade, Steel posts, timber cladd	Middle Posts	20%	Steel products Landfill
Steel Stainless Unspecified Industry Average	External enclosing walls above ground level	Ballustrade, Steel posts, timber cladd	Brackets, bolts, wire rope holders etc	20%	Steel products Landfill
Steel General Unspecified Industry Average	External enclosing walls above ground level	Ballustrade, Steel posts, timber cladd	Handrail	20%	Steel products Landfill
Timber Hardwood Industry Average	External enclosing walls above ground level	Ballustrade, Steel posts, timber cladd	Timber cladding 21mm	100%	Combustion of timberwaste - no recovery
Timber General Industry Average	External enclosing walls above ground level	Ballustrade, Steel posts, timber cladd	Timber battens 100mm spacing	100%	Combustion of timberwaste - no recovery
Timber General Industry Average	External enclosing walls above ground level	Ballustrade, Steel posts, timber cladd	Timber battens vertical 600mm spacing	100%	Combustion of timberwaste - no recovery
Plastics Polyurethane Unspecified Industry Average	External enclosing walls above ground level	Ballustrade, Steel posts, timber cladd	Breather Membrane	100%	Plastics Landfill
Paints and Finishes Wood Stains and Finishes General Industry Average	External enclosing walls above ground level	Ballustrade, Steel posts, timber cladd	Timber panel finish	100%	Plastics Landfill
Steel Stainless Unspecified Industry Average	External enclosing walls above ground level	Ballustrade, Steel posts, timber cladd	Supporting Posts	20%	Steel products Landfill
Aluminium General Industry Average	Security and Fly Screens	Curtain Walling Windows, Residential Aluminium Double Glaze	Fly screen fram	42.67%	Aluminium Landfill
Plastics General Unspecified Industry Average	Security and Fly Screens	Curtain Walling Windows, Residential Aluminium Double Glaze	Flyscreen Mesh	100%	Plastics Landfill
Rubber Synthetic Industry Average	Security and Fly Screens	Curtain Walling Windows, Residential Aluminium Double Glaze	Flyscreen rubber spline	100%	Plastics Landfill
Windows Aluminium Framed No Thermal Break Double Glaze Domestic 50% Opening Industry Average	External windows	Curtain Walling Windows, Residential Aluminium Double Glaze	Windows / Sliding Doors	100%	Inert Waste Landfill
Concrete Unreinforced Unspecified Industry Average	External enclosing walls above ground level	Retaining Wall 140mm Concrete Block	140mm Concrete Blocks	100%	Inert Waste Landfill

Cements and Limes Mortars and Renders 1 cement : 4 sand Industry Average	External enclosing walls above ground level	Retaining Wall 140mm Concrete Block	Mortar (20kg per 10 blocks)	100%	Inert Waste Landfill
Aluminium General Industry Average	External enclosing walls above ground level	Retaining Wall 140mm Concrete Block	Flashing	42.67%	Aluminium Landfill
Plastics High Density Polyethylene (HDPE) Unspecified Industry Average	Standard foundations	Retaining Wall 140mm Concrete Block	Waterproof Membrane	80%	Plastics Landfill
Concrete Unreinforced Unspecified Industry Average	Wall finishes	Retaining Wall 140mm Concrete Block	Pre plaster float	100%	Inert Waste Landfill
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Wall finishes	Retaining Wall 140mm Concrete Block	Plaster	100%	Inert Waste Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Retaining Wall 140mm Concrete Block	Sealer	100%	Plastics Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Retaining Wall 140mm Concrete Block	Undercoat	100%	Plastics Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Retaining Wall 140mm Concrete Block	Final Coat	100%	Plastics Landfill
Timber Medium Density Fibreboard (MDF) Industry Average	Cornices & Shadowlines	Retaining Wall 140mm Concrete Block	Skirting boards	100%	Combustion of timberwaste - no recovery
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Cornices & Shadowlines	Retaining Wall 140mm Concrete Block	Cornices	100%	Inert Waste Landfill
Plastics Acrylic Unspecified Industry Average	Wall finishes	Retaining Wall 140mm Concrete Block	Bonding agent (pre render)	100%	Plastics Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	External enclosing walls above ground level	Retaining Wall 140mm Concrete Block	1st Coat	100%	Plastics Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	External enclosing walls above ground level	Retaining Wall 140mm Concrete Block	2nd Coat	100%	Plastics Landfill
Paints and Finishes Unspecified 3 Coats Industry Average	External enclosing walls above ground level	Retaining Wall 140mm Concrete Block	Final Coat	100%	Plastics Landfill
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	External enclosing walls above ground level	Retaining Wall 140mm Concrete Block	Plaster	100%	Inert Waste Landfill
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	External enclosing walls above ground level	Retaining Wall 140mm Concrete Block	Cornices	100%	Inert Waste Landfill
Plastics Acrylic Unspecified Industry Average	External enclosing walls above ground level	Retaining Wall 140mm Concrete Block	Bonding Agent Pre render	100%	Plastics Landfill
Concrete Unreinforced Unspecified Industry Average	External enclosing walls above ground level	Retaining Wall 140mm Concrete Block	Pre plaster float	100%	Inert Waste Landfill
Concrete Reinforced 1.0% Reinforcement by mass 30 MPa Industry Average	Standard foundations	Retaining Wall 140mm Concrete Block	Foundations	100%	Inert Waste Landfill
Aluminium General Industry Average	External Paint, Textures and Renders	Windows, Triple Glazed, Timber frame, alu clad	Paint window frames	42.67%	Aluminium Landfill
Glass Flat Glass Industry Average	External enclosing walls above ground level	Windows, Triple Glazed, Timber frame, alu clad	Extra pane for triple glazing	100%	Glass Land Fill
Windows Timber Framed Double Glaze Domestic 50% Opening Industry Average	External windows	Windows, Triple Glazed, Timber frame, alu clad	Windows / Sliding Doors	100%	Combustion of timberwaste - no recovery
Rubber Synthetic Industry Average	Lowest floor construction	Bathroom Rubber Tiles, Acoustic Matting Floor finish	Rubber acoustic matting	100%	Plastics Landfill
Rubber Synthetic Industry Average	Lowest floor construction	Bathroom Rubber Tiles, Acoustic Matting Floor finish	Rubber tiles	100%	Plastics Landfill
Carpets and Floor Coverings Underlay Nylon Industry Average	Finishes to floors	* Carpet, Glue Down Nylon, Nylon Underlay	Nylon Underlay	100%	Plastics Landfill
Resins and Adhesives Urea Formaldehyde Industry Average	Finishes to floors	* Carpet, Glue Down Nylon, Nylon Underlay	Glue	100%	Plastics Landfill
Carpets and Floor Coverings Carpet Nylon Medium Use Industry Average	Finishes to floors	* Carpet, Glue Down Nylon, Nylon Underlay	Carpet	100%	Plastics Landfill
Cements and Limes Portland Cement Unspecified Industry Average	Finishes to floors	* Floor Tiles	Tile grout	100%	Inert Waste Landfill
Resins and Adhesives Urea Formaldehyde Industry Average	Finishes to floors	* Floor Tiles	Sealant	100%	Plastics Landfill
Ceramics Ceramic Tiles Industry Average	Finishes to floors	* Floor Tiles	Floor tiles	100%	Inert Waste Landfill

Rubber Synthetic Industry Average	Insulation	Living area Marloleum Floor Finish	Acoustic matting	100%	Plastics Landfill
Carpets and Floor Coverings Vynal (PVC) Unspecified Industry Average	Lowest floor construction	Living area Marloleum Floor Finish	2.5mm Marloleum	100%	Plastics Landfill
Rubber Synthetic Industry Average	Insulation	Kitchen Marloleum Floor Finish	Acoustic matting	100%	Plastics Landfill
X Non Compliant Data Carpets and Floor Coverings Linoleum 2.5mm Thick Linoleum Industry Average	Lowest floor construction	Kitchen Marloleum Floor Finish	2.5mm Marloleum	100%	Inert Waste Landfill
Carpets and Floor Coverings Underlay Nylon Industry Average	Finishes to floors	Common and commercial Carpet, Glue Down Nylon, Nylon Underlay	Nylon Underlay	100%	Plastics Landfill
Resins and Adhesives Urea Formaldehyde Industry Average	Finishes to floors	Common and commercial Carpet, Glue Down Nylon, Nylon Underlay	Glue	100%	Plastics Landfill
Carpets and Floor Coverings Carpet Nylon Medium Use Industry Average	Finishes to floors	Common and commercial Carpet, Glue Down Nylon, Nylon Underlay	Carpet	100%	Plastics Landfill
Steel General Unspecified Industry Average	Balustrades and handrails	* Concrete Stairs	Balustrade Rails	20%	Steel products Landfill
Steel General Unspecified Industry Average	Balustrades and handrails	* Concrete Stairs	Balustrade Uprights	20%	Steel products Landfill
Concrete Reinforced 1.0% Reinforcement by mass 30 MPa Industry Average	Lowest floor construction	* Concrete Stairs	Concrete Stairs	100%	Inert Waste Landfill
Plastics General Unspecified Industry Average	Finishes to floors	Fire escape Polished Concrete Floor Grind and Finish	Polyurethane Equivalent Floor Coating	100%	Plastics Landfill
Timber General Industry Average	Lowest floor construction	Floor Slab, Elevated 225mm Concrete 50% BFS	Formwork Timber Wastage	100%	Combustion of timberwaste - no recovery
Concrete Reinforced 1.5% Reinforcement by mass Blast Furnace Slag Blends 30 MPa 50% BFS Industry Average	Lowest floor construction	Floor Slab, Elevated 225mm Concrete 50% BFS	225mm Elevated Floor	100%	Inert Waste Landfill
Timber Hardwood Industry Average	Lowest floor construction	Roof, Wooden Decking, Self Supp, Insulation	90 x 20 Timber Decking	100%	Combustion of timberwaste - no recovery
Plastics Polyurethane Unspecified Industry Average	External Paint, Textures and Renders	Roof, Wooden Decking, Self Supp, Insulation	Deck treatment	100%	Plastics Landfill
Steel General Unspecified Industry Average	Lowest floor construction	Roof, Wooden Decking, Self Supp, Insulation	Fittings and Hardware	20%	Steel products Landfill
Steel General Unspecified Industry Average	Lowest floor construction	Roof, Wooden Decking, Self Supp, Insulation	1m Pipe Support (every 5m2)	20%	Steel products Landfill
Steel General Unspecified Industry Average	Lowest floor construction	Roof, Wooden Decking, Self Supp, Insulation	Bearers 1.5m Spacing	20%	Steel products Landfill
Insulation Rigid Foams and Boards Polystyrene Unspecified EPS Industry Average	Insulation	Roof, Wooden Decking, Self Supp, Insulation	Rigid EPS	100%	Plastics Landfill
Asphalt and Bitumen Asphalt Unspecified Industry Average	Lowest floor construction	Roof, Wooden Decking, Self Supp, Insulation	Heated Bitumen vessel	100%	Inert Waste Landfill
Steel General Unspecified Industry Average	Lowest floor construction	Roof, Wooden Decking, Self Supp, Insulation	Joists	20%	Steel products Landfill
X Non Compliant Data Bulk Aggregates Sands and Soils Light Weight Aggregates ClinkaFill (Europe) Clinka Europe	Roof structure	Washed stones, EPS, Bitumen roof	washed stone ballast	100%	Inert Waste Landfill
Asphalt and Bitumen Asphalt Unspecified Industry Average	Roof coverings	Washed stones, EPS, Bitumen roof	Bitumen	100%	Inert Waste Landfill
Insulation Rigid Foams and Boards Polystyrene Unspecified EPS Industry Average	Insulation	Washed stones, EPS, Bitumen roof	EPS	100%	Plastics Landfill
Bricks, Blocks and Pavers Clay Bricks and Pavers Unspecified Industry Average	Lowest floor construction	Roof, Paver brick decking, insulation	80mm PAvers	100%	Inert Waste Landfill
Plastics Polyurethane Unspecified Industry Average	External Paint, Textures and Renders	Roof, Paver brick decking, insulation	Deck treatment	100%	Plastics Landfill
Steel General Unspecified Industry Average	Lowest floor construction	Roof, Paver brick decking, insulation	Fittings and Hardware	20%	Steel products Landfill
Steel General Unspecified Industry Average	Lowest floor construction	Roof, Paver brick decking, insulation	1m Pipe Support (every 5m2)	20%	Steel products Landfill
Steel General Unspecified Industry Average	Lowest floor construction	Roof, Paver brick decking, insulation	Bearers 1.5m Spacing	20%	Steel products Landfill
Insulation Rigid Foams and Boards Polystyrene Unspecified EPS Industry Average	Insulation	Roof, Paver brick decking, insulation	Rigid EPS	100%	Plastics Landfill
Asphalt and Bitumen Asphalt Unspecified Industry Average	Lowest floor construction	Roof, Paver brick decking, insulation	Heated Bitumen vessel	100%	Inert Waste Landfill
Steel General Unspecified Industry Average	Lowest floor construction	Roof, Paver brick decking, insulation	Joists	20%	Steel products Landfill
Steel General Unspecified Industry Average	Ceiling finishes	False Modular Plaster Ceiling - Office Style	Steel Ceiling Supports	20%	Steel products Landfill
Paints and Finishes Unspecified 2 Coats Industry Average	Finishes to ceilings	False Modular Plaster Ceiling - Office Style	Undercoats	100%	Plastics Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	Finishes to ceilings	False Modular Plaster Ceiling - Office Style	Final Coat	100%	Plastics Landfill

Steel General Unspecified Industry Average	Finishes to ceilings	False Modular Plaster Ceiling - Office Style	Consumables, paint tins, rollers etc)	20%	Steel products Landfill
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Ceiling finishes	False Modular Plaster Ceiling - Office Style	Plasterboard	100%	Inert Waste Landfill
Timber General Industry Average	External doors	Door, Solid Core and Wooden Jam (Entry)	Door Jam	100%	Combustion of timberwaste - no recovery
Steel Stainless Unspecified Industry Average	Fittings, furnishings and equipment	Door, Solid Core and Wooden Jam (Entry)	Door Hardware (Handles, Hinges, Locks)	20%	Steel products Landfill
Paints and Finishes Unspecified 2 Coats Industry Average	Paint - Walls	Door, Solid Core and Wooden Jam (Entry)	Door and Frame Paint Interior	100%	Plastics Landfill
Paints and Finishes Unspecified 2 Coats Industry Average	External Paint, Textures and Renders	Door, Solid Core and Wooden Jam (Entry)	Door and Frame Paint Exterior	100%	Plastics Landfill
Timber General Industry Average	External doors	Door, Solid Core and Wooden Jam (Entry)	Door	100%	Combustion of timberwaste - no recovery
Timber General Industry Average	External doors	* Door, Hollow Core and Wooden Jam	Door Jam	100%	Combustion of timberwaste - no recovery
Steel Stainless Unspecified Industry Average	Fittings, furnishings and equipment	* Door, Hollow Core and Wooden Jam	Door Hardware (Handles, Hinges, Locks)	20%	Steel products Landfill
Paints and Finishes Unspecified 2 Coats Industry Average	Paint - Walls	* Door, Hollow Core and Wooden Jam	Paint	100%	Plastics Landfill
Timber General Industry Average	External doors	* Door, Hollow Core and Wooden Jam	Door	100%	Combustion of timberwaste - no recovery
Concrete Unreinforced Unspecified Industry Average	External enclosing walls above ground level	100-75-100 Insulated Cavity Concrete Block	100mm Concrete Blocks	100%	Inert Waste Landfill
Cements and Limes Mortars and Renders 1 cement : 4 sand Industry Average	External enclosing walls above ground level	100-75-100 Insulated Cavity Concrete Block	Mortar (20kg per 10 blocks)	100%	Inert Waste Landfill
Aluminium General Industry Average	External enclosing walls above ground level	100-75-100 Insulated Cavity Concrete Block	Flashing	42.67%	Aluminium Landfill
Plastics High Density Polyethylene (HDPE) Unspecified Industry Average	External enclosing walls above ground level	100-75-100 Insulated Cavity Concrete Block	Waterproof membrane	80%	Plastics Landfill
Plastics High Density Polyethylene (HDPE) Unspecified Industry Average	Standard foundations	100-75-100 Insulated Cavity Concrete Block	Waterproof Membrane	80%	Plastics Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	100-75-100 Insulated Cavity Concrete Block	Sealer	100%	Plastics Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	100-75-100 Insulated Cavity Concrete Block	Undercoat	100%	Plastics Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	100-75-100 Insulated Cavity Concrete Block	Final Coat	100%	Plastics Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	External enclosing walls above ground level	100-75-100 Insulated Cavity Concrete Block	1st Coat	100%	Plastics Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	External enclosing walls above ground level	100-75-100 Insulated Cavity Concrete Block	2nd Coat	100%	Plastics Landfill
Paints and Finishes Unspecified 3 Coats Industry Average	External enclosing walls above ground level	100-75-100 Insulated Cavity Concrete Block	Final Coat	100%	Plastics Landfill
Insulation Blankets and Batts Mineral Wool Blanket R 2.0 Industry Average	Insulation	100-75-100 Insulated Cavity Concrete Block	fully filled cavity	100%	Inert Waste Landfill
Concrete Reinforced 1.0% Reinforcement by mass 30 MPa Industry Average	Standard foundations	100-75-100 Insulated Cavity Concrete Block	Foundations	100%	Inert Waste Landfill
Concrete Unreinforced Unspecified Industry Average	External enclosing walls above ground level	100-125-240, Concrete block, aerated clay	100mm Concrete Blocks	100%	Inert Waste Landfill
Cements and Limes Mortars and Renders 1 cement : 4 sand Industry Average	External enclosing walls above ground level	100-125-240, Concrete block, aerated clay	Mortar (20kg per 10 blocks)	100%	Inert Waste Landfill
Aluminium General Industry Average	External enclosing walls above ground level	100-125-240, Concrete block, aerated clay	Flashing	42.67%	Aluminium Landfill
Plastics High Density Polyethylene (HDPE) Unspecified Industry Average	External enclosing walls above ground level	100-125-240, Concrete block, aerated clay	Waterproof membrane	80%	Plastics Landfill

Plastics High Density Polyethylene (HDPE) Unspecified Industry Average	Standard foundations	100-125-240, Concrete block, aerated clay	Waterproof Membrane	80%	Plastics Landfill
Concrete Unreinforced Unspecified Industry Average	Wall finishes	100-125-240, Concrete block, aerated clay	Pre plaster float	100%	Inert Waste Landfill
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Wall finishes	100-125-240, Concrete block, aerated clay	Plaster	100%	Inert Waste Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	100-125-240, Concrete block, aerated clay	Sealer	100%	Plastics Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	100-125-240, Concrete block, aerated clay	Undercoat	100%	Plastics Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	100-125-240, Concrete block, aerated clay	Final Coat	100%	Plastics Landfill
Timber Medium Density Fibreboard (MDF) Industry Average	Cornices & Shadowlines	100-125-240, Concrete block, aerated clay	Skirting boards	100%	Combustion of timberwaste - no recovery
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Cornices & Shadowlines	100-125-240, Concrete block, aerated clay	Cornices	100%	Inert Waste Landfill
Plastics Acrylic Unspecified Industry Average	Wall finishes	100-125-240, Concrete block, aerated clay	Bonding agent (pre render)	100%	Plastics Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	External enclosing walls above ground level	100-125-240, Concrete block, aerated clay	1st Coat	100%	Plastics Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	External enclosing walls above ground level	100-125-240, Concrete block, aerated clay	2nd Coat	100%	Plastics Landfill
Paints and Finishes Unspecified 3 Coats Industry Average	External enclosing walls above ground level	100-125-240, Concrete block, aerated clay	Final Coat	100%	Plastics Landfill
Insulation Blankets and Batts Mineral Wool Blanket R 2.0 Industry Average	Insulation	100-125-240, Concrete block, aerated clay	fully filled cavity	100%	Inert Waste Landfill
Concrete Reinforced 1.0% Reinforcement by mass 30 MPa Industry Average	Standard foundations	100-125-240, Concrete block, aerated clay	Foundations	100%	Inert Waste Landfill
Concrete Unreinforced Unspecified Industry Average	External enclosing walls above ground level	140-200-140 Concrete block cavity	100mm Concrete Blocks	100%	Inert Waste Landfill
Cements and Limes Mortars and Renders 1 cement : 4 sand Industry Average	External enclosing walls above ground level	140-200-140 Concrete block cavity	Mortar (20kg per 10 blocks)	100%	Inert Waste Landfill
Aluminium General Industry Average	External enclosing walls above ground level	140-200-140 Concrete block cavity	Flashing	42.67%	Aluminium Landfill
Plastics High Density Polyethylene (HDPE) Unspecified Industry Average	External enclosing walls above ground level	140-200-140 Concrete block cavity	Waterproof membrane	80%	Plastics Landfill
Plastics High Density Polyethylene (HDPE) Unspecified Industry Average	Standard foundations	140-200-140 Concrete block cavity	Waterproof Membrane	80%	Plastics Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	140-200-140 Concrete block cavity	Sealer	100%	Plastics Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	140-200-140 Concrete block cavity	Undercoat	100%	Plastics Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	140-200-140 Concrete block cavity	Final Coat	100%	Plastics Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	External enclosing walls above ground level	140-200-140 Concrete block cavity	1st Coat	100%	Plastics Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	External enclosing walls above ground level	140-200-140 Concrete block cavity	2nd Coat	100%	Plastics Landfill
Paints and Finishes Unspecified 3 Coats Industry Average	External enclosing walls above ground level	140-200-140 Concrete block cavity	Final Coat	100%	Plastics Landfill
Insulation Blankets and Batts Mineral Wool Blanket R 2.0 Industry Average	Insulation	140-200-140 Concrete block cavity	fully filled cavity	100%	Inert Waste Landfill
Concrete Reinforced 1.0% Reinforcement by mass 30 MPa Industry Average	Standard foundations	140-200-140 Concrete block cavity	Foundations	100%	Inert Waste Landfill
Concrete Unreinforced Unspecified Industry Average	External enclosing walls above ground level	140mm Concrete Block	140mm Concrete Blocks	100%	Inert Waste Landfill

Cements and Limes Mortars and Renders 1 cement : 4 sand Industry Average	External enclosing walls above ground level	140mm Concrete Block	Mortar (20kg per 10 blocks)	100%	Inert Waste Landfill
Aluminium General Industry Average	External enclosing walls above ground level	140mm Concrete Block	Flashing	42.67%	Aluminium Landfill
Plastics High Density Polyethylene (HDPE) Unspecified Industry Average	Standard foundations	140mm Concrete Block	Waterproof Membrane	80%	Plastics Landfill
Concrete Unreinforced Unspecified Industry Average	Wall finishes	140mm Concrete Block	Pre plaster float	100%	Inert Waste Landfill
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Wall finishes	140mm Concrete Block	Plaster	100%	Inert Waste Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	140mm Concrete Block	Sealer	100%	Plastics Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	140mm Concrete Block	Undercoat	100%	Plastics Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	140mm Concrete Block	Final Coat	100%	Plastics Landfill
Timber Medium Density Fibreboard (MDF) Industry Average	Cornices & Shadowlines	140mm Concrete Block	Skirting boards	100%	Combustion of timberwaste - no recovery
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Cornices & Shadowlines	140mm Concrete Block	Cornices	100%	Inert Waste Landfill
Plastics Acrylic Unspecified Industry Average	Wall finishes	140mm Concrete Block	Bonding agent (pre render)	100%	Plastics Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	External enclosing walls above ground level	140mm Concrete Block	1st Coat	100%	Plastics Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	External enclosing walls above ground level	140mm Concrete Block	2nd Coat	100%	Plastics Landfill
Paints and Finishes Unspecified 3 Coats Industry Average	External enclosing walls above ground level	140mm Concrete Block	Final Coat	100%	Plastics Landfill
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	External enclosing walls above ground level	140mm Concrete Block	Plaster	100%	Inert Waste Landfill
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	External enclosing walls above ground level	140mm Concrete Block	Cornices	100%	Inert Waste Landfill
Plastics Acrylic Unspecified Industry Average	External enclosing walls above ground level	140mm Concrete Block	Bonding Agent Pre render	100%	Plastics Landfill
Concrete Unreinforced Unspecified Industry Average	External enclosing walls above ground level	140mm Concrete Block	Pre plaster float	100%	Inert Waste Landfill
Concrete Reinforced 1.0% Reinforcement by mass 30 MPa Industry Average	Standard foundations	140mm Concrete Block	Foundations	100%	Inert Waste Landfill
Paints and Finishes Unspecified 2 Coats Industry Average	Paint - Walls	Timber double frame, Plbrd x2 on both sides	Sealer	100%	Plastics Landfill
Paints and Finishes Unspecified 2 Coats Industry Average	Paint - Walls	Timber double frame, Plbrd x2 on both sides	Undercoat	100%	Plastics Landfill
Paints and Finishes Unspecified 2 Coats Industry Average	Paint - Walls	Timber double frame, Plbrd x2 on both sides	Final Coat	100%	Plastics Landfill
Timber Medium Density Fibreboard (MDF) Industry Average	Cornices & Shadowlines	Timber double frame, Plbrd x2 on both sides	Skirting boards	100%	Combustion of timberwaste - no recovery
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Cornices & Shadowlines	Timber double frame, Plbrd x2 on both sides	Cornices	100%	Inert Waste Landfill
Timber Softwood Industry Average	External enclosing walls above ground level	Timber double frame, Plbrd x2 on both sides	Bottom Plate	100%	Combustion of timberwaste - no recovery
Timber Softwood Industry Average	External enclosing walls above ground level	Timber double frame, Plbrd x2 on both sides	Top Plate	100%	Combustion of timberwaste - no recovery
Timber Softwood Industry Average	External enclosing walls above ground level	Timber double frame, Plbrd x2 on both sides	Nogs	100%	Combustion of timberwaste - no recovery
Timber Softwood Industry Average	External enclosing walls above ground level	Timber double frame, Plbrd x2 on both sides	Studs at 600mm Centres	100%	Combustion of timberwaste - no recovery

Steel General Unspecified Industry Average	External enclosing walls above ground level	Timber double frame, Plbrd x2 on both sides	Bracing Straps and tie downs	20%	Steel products Landfill
Plaster and Gypsum Derived Products Plaster Board 12mm Sheets Industry Average	Wall finishes	Timber double frame, Plbrd x2 on both sides	Plaster Board	100%	Inert Waste Landfill
Plaster and Gypsum Derived Products Plaster Board 12mm Sheets Industry Average	External enclosing walls above ground level	Timber double frame, Plbrd x2 on both sides	2 layers plasterboards both sides	100%	Inert Waste Landfill
Steel General Unspecified Industry Average	External enclosing walls above ground level	Timber double frame, Plbrd x2 on both sides	Fasteners / nails	20%	Steel products Landfill
Insulation Blankets and Batts Polyester Batts Unspecified Industry Average	Insulation	Timber double frame, Plbrd x2 on both sides	Polyurethane Batts	100%	Plastics Landfill
Plastics High Density Polyethylene (HDPE) Unspecified Industry Average	External enclosing walls above ground level	Timber double frame, Plbrd x2 on both sides	Waterproof membrane	80%	Plastics Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Timber Frame Stud, Pbrd, paint	Sealer	100%	Plastics Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Timber Frame Stud, Pbrd, paint	Undercoat	100%	Plastics Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Timber Frame Stud, Pbrd, paint	Final Coat	100%	Plastics Landfill
Timber Medium Density Fibreboard (MDF) Industry Average	Cornices & Shadowlines	Timber Frame Stud, Pbrd, paint	Skirting boards	100%	Combustion of timberwaste - no recovery
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Cornices & Shadowlines	Timber Frame Stud, Pbrd, paint	Cornices	100%	Inert Waste Landfill
Timber Softwood Industry Average	External enclosing walls above ground level	Timber Frame Stud, Pbrd, paint	Bottom Plate	100%	Combustion of timberwaste - no recovery
Timber Softwood Industry Average	External enclosing walls above ground level	Timber Frame Stud, Pbrd, paint	Top Plate	100%	Combustion of timberwaste - no recovery
Timber Softwood Industry Average	External enclosing walls above ground level	Timber Frame Stud, Pbrd, paint	Nogs	100%	Combustion of timberwaste - no recovery
Timber Softwood Industry Average	External enclosing walls above ground level	Timber Frame Stud, Pbrd, paint	Studs at 450mm Centres	100%	Combustion of timberwaste - no recovery
Steel General Unspecified Industry Average	External enclosing walls above ground level	Timber Frame Stud, Pbrd, paint	Bracing Straps and tie downs	20%	Steel products Landfill
Plaster and Gypsum Derived Products Plaster Board 12mm Sheets Industry Average	Wall finishes	Timber Frame Stud, Pbrd, paint	Plaster Board	100%	Inert Waste Landfill
Steel General Unspecified Industry Average	External enclosing walls above ground level	Timber Frame Stud, Pbrd, paint	Fasteners / nails	20%	Steel products Landfill
Insulation Blankets and Batts Polyester Batts Unspecified Industry Average	Insulation	Timber Frame Stud, Pbrd, paint	Polyurethane Batts	100%	Plastics Landfill
Plastics High Density Polyethylene (HDPE) Unspecified Industry Average	External enclosing walls above ground level	Timber Frame Stud, Pbrd, paint	Waterproof membrane	80%	Plastics Landfill
Aluminium General Industry Average	External enclosing walls above ground level	Structural 200mm Concrete Wall	Flashing	42.67%	Aluminium Landfill
Plastics High Density Polyethylene (HDPE) Unspecified Industry Average	External enclosing walls above ground level	Structural 200mm Concrete Wall	Waterproof membrane	80%	Plastics Landfill
Plastics High Density Polyethylene (HDPE) Unspecified Industry Average	Standard foundations	Structural 200mm Concrete Wall	Waterproof Membrane	80%	Plastics Landfill
Concrete Unreinforced Unspecified Industry Average	Wall finishes	Structural 200mm Concrete Wall	Pre plaster float	100%	Inert Waste Landfill
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Wall finishes	Structural 200mm Concrete Wall	Plaster	100%	Inert Waste Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Structural 200mm Concrete Wall	Sealer	100%	Plastics Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Structural 200mm Concrete Wall	Undercoat	100%	Plastics Landfill

Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Structural 200mm Concrete Wall	Final Coat	100%	Plastics Landfill
Timber Medium Density Fibreboard (MDF) Industry Average	Cornices & Shadowlines	Structural 200mm Concrete Wall	Skirting boards	100%	Combustion of timberwaste - no recovery
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Cornices & Shadowlines	Structural 200mm Concrete Wall	Cornices	100%	Inert Waste Landfill
Plastics Acrylic Unspecified Industry Average	Wall finishes	Structural 200mm Concrete Wall	Bonding agent (pre render)	100%	Plastics Landfill
Concrete Reinforced 1.0% Reinforcement by mass 30 MPa Industry Average	External enclosing walls above ground level	Structural 200mm Concrete Wall	200mm Solid Concrete Wall	100%	Inert Waste Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	External enclosing walls above ground level	Structural 200mm Concrete Wall	Sealer	100%	Plastics Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	External enclosing walls above ground level	Structural 200mm Concrete Wall	Undercoat	100%	Plastics Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	External enclosing walls above ground level	Structural 200mm Concrete Wall	Final Coat	100%	Plastics Landfill
Concrete Reinforced 1.0% Reinforcement by mass 30 MPa Industry Average	Standard foundations	Structural 200mm Concrete Wall	Foundations	100%	Inert Waste Landfill
Concrete Reinforced 1.0% Reinforcement by mass 30 MPa Industry Average	Standard foundations	215mm Concrete Block	Foundations	100%	Inert Waste Landfill
Concrete Unreinforced Unspecified Industry Average	External enclosing walls above ground level	215mm Concrete Block	215mm Concrete Blocks	100%	Inert Waste Landfill
Cements and Limes Mortars and Renders 1 cement : 4 sand Industry Average	External enclosing walls above ground level	215mm Concrete Block	Mortar (20kg per 10 blocks)	100%	Inert Waste Landfill
Aluminium General Industry Average	External enclosing walls above ground level	215mm Concrete Block	Flashing	42.67%	Aluminium Landfill
Plastics High Density Polyethylene (HDPE) Unspecified Industry Average	Standard foundations	215mm Concrete Block	Waterproof Membrane	80%	Plastics Landfill
Concrete Unreinforced Unspecified Industry Average	Wall finishes	215mm Concrete Block	Pre plaster float	100%	Inert Waste Landfill
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Wall finishes	215mm Concrete Block	Plaster	100%	Inert Waste Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	215mm Concrete Block	Sealer	100%	Plastics Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	215mm Concrete Block	Undercoat	100%	Plastics Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	215mm Concrete Block	Final Coat	100%	Plastics Landfill
Timber Medium Density Fibreboard (MDF) Industry Average	Cornices & Shadowlines	215mm Concrete Block	Skirting boards	100%	Combustion of timberwaste - no recovery
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Cornices & Shadowlines	215mm Concrete Block	Cornices	100%	Inert Waste Landfill
Plastics Acrylic Unspecified Industry Average	Wall finishes	215mm Concrete Block	Bonding agent (pre render)	100%	Plastics Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	External enclosing walls above ground level	215mm Concrete Block	1st Coat	100%	Plastics Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	External enclosing walls above ground level	215mm Concrete Block	2nd Coat	100%	Plastics Landfill
Paints and Finishes Unspecified 3 Coats Industry Average	External enclosing walls above ground level	215mm Concrete Block	Final Coat	100%	Plastics Landfill
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	External enclosing walls above ground level	215mm Concrete Block	Plaster	100%	Inert Waste Landfill
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	External enclosing walls above ground level	215mm Concrete Block	Cornices	100%	Inert Waste Landfill
Plastics Acrylic Unspecified Industry Average	External enclosing walls above ground level	215mm Concrete Block	Bonding Agent Pre render	100%	Plastics Landfill

Concrete Unreinforced Unspecified Industry Average	External enclosing walls above ground level	215mm Concrete Block	Pre plaster float	100%	Inert Waste Landfill
Concrete Reinforced 1.0% Reinforcement by mass 30 MPa Industry Average	Standard foundations	100-190-100, Concrete block, cavity, render	Foundations	100%	Inert Waste Landfill
Concrete Unreinforced Unspecified Industry Average	External enclosing walls above ground level	100-190-100, Concrete block, cavity, render	100mm Concrete Blocks	100%	Inert Waste Landfill
Cements and Limes Mortars and Renders 1 cement : 4 sand Industry Average	External enclosing walls above ground level	100-190-100, Concrete block, cavity, render	Mortar (20kg per 10 blocks)	100%	Inert Waste Landfill
Aluminium General Industry Average	External enclosing walls above ground level	100-190-100, Concrete block, cavity, render	Flashing	42.67%	Aluminium Landfill
Plastics High Density Polyethylene (HDPE) Unspecified Industry Average	External enclosing walls above ground level	100-190-100, Concrete block, cavity, render	Waterproof membrane	80%	Plastics Landfill
Plastics High Density Polyethylene (HDPE) Unspecified Industry Average	Standard foundations	100-190-100, Concrete block, cavity, render	Waterproof Membrane	80%	Plastics Landfill
Concrete Unreinforced Unspecified Industry Average	Wall finishes	100-190-100, Concrete block, cavity, render	Pre plaster float	100%	Inert Waste Landfill
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Wall finishes	100-190-100, Concrete block, cavity, render	Plaster	100%	Inert Waste Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	100-190-100, Concrete block, cavity, render	Sealer	100%	Plastics Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	100-190-100, Concrete block, cavity, render	Undercoat	100%	Plastics Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	100-190-100, Concrete block, cavity, render	Final Coat	100%	Plastics Landfill
Timber Medium Density Fibreboard (MDF) Industry Average	Cornices & Shadowlines	100-190-100, Concrete block, cavity, render	Skirting boards	100%	Combustion of timberwaste - no recovery
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Cornices & Shadowlines	100-190-100, Concrete block, cavity, render	Cornices	100%	Inert Waste Landfill
Plastics Acrylic Unspecified Industry Average	Wall finishes	100-190-100, Concrete block, cavity, render	Bonding agent (pre render)	100%	Plastics Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	External enclosing walls above ground level	100-190-100, Concrete block, cavity, render	1st Coat	100%	Plastics Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	External enclosing walls above ground level	100-190-100, Concrete block, cavity, render	2nd Coat	100%	Plastics Landfill
Paints and Finishes Unspecified 3 Coats Industry Average	External enclosing walls above ground level	100-190-100, Concrete block, cavity, render	Final Coat	100%	Plastics Landfill
Insulation Blankets and Batts Mineral Wool Blanket R 2.0 Industry Average	Insulation	100-190-100, Concrete block, cavity, render	fully filled cavity	100%	Inert Waste Landfill
Cements and Limes Mortars and Renders 1 Lime : 3 sand Industry Average	External enclosing walls above ground level	100-190-100, Concrete block, cavity, render	Clay block mortar	100%	Inert Waste Landfill
Plastics High Density Polyethylene (HDPE) Unspecified Industry Average	External enclosing walls above ground level	Timber Frame, 90mm Pbrd x2, paint both sides	Waterproof membrane	80%	Plastics Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Timber Frame, 90mm Pbrd x2, paint both sides	Sealer	100%	Plastics Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Timber Frame, 90mm Pbrd x2, paint both sides	Undercoat	100%	Plastics Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Timber Frame, 90mm Pbrd x2, paint both sides	Final Coat	100%	Plastics Landfill
Timber Medium Density Fibreboard (MDF) Industry Average	Cornices & Shadowlines	Timber Frame, 90mm Pbrd x2, paint both sides	Skirting boards	100%	Combustion of timberwaste - no recovery
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Cornices & Shadowlines	Timber Frame, 90mm Pbrd x2, paint both sides	Cornices	100%	Inert Waste Landfill
Timber Softwood Industry Average	External enclosing walls above ground level	Timber Frame, 90mm Pbrd x2, paint both sides	Bottom Plate	100%	Combustion of timberwaste - no recovery
Timber Softwood Industry Average	External enclosing walls above ground level	Timber Frame, 90mm Pbrd x2, paint both sides	Top Plate	100%	Combustion of timberwaste - no recovery
	External				

Timber Softwood Industry Average	enclosing walls above ground level	Timber Frame, 90mm Pbrd x2, paint both sides	Nogs	100%	Combustion of timberwaste - no recovery
Timber Softwood Industry Average	External enclosing walls above ground level	Timber Frame, 90mm Pbrd x2, paint both sides	Studs at 600mm Centres	100%	Combustion of timberwaste - no recovery
Steel General Unspecified Industry Average	External enclosing walls above ground level	Timber Frame, 90mm Pbrd x2, paint both sides	Bracing Straps and tie downs	20%	Steel products Landfill
Plaster and Gypsum Derived Products Plaster Board 12mm Sheets Industry Average	Wall finishes	Timber Frame, 90mm Pbrd x2, paint both sides	Plaster Board	100%	Inert Waste Landfill
Steel General Unspecified Industry Average	External enclosing walls above ground level	Timber Frame, 90mm Pbrd x2, paint both sides	Fasteners / nails	20%	Steel products Landfill
Insulation Blankets and Batts Polyester Batts Unspecified Industry Average	Insulation	Timber Frame, 90mm Pbrd x2, paint both sides	Polyurethane Batts	100%	Plastics Landfill
Plastics High Density Polyethylene (HDPE) Unspecified Industry Average	External enclosing walls above ground level	* Timber Frame, 30mm insul, Pbrd, paint both sides	Waterproof membrane	80%	Plastics Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	* Timber Frame, 30mm insul, Pbrd, paint both sides	Sealer	100%	Plastics Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	* Timber Frame, 30mm insul, Pbrd, paint both sides	Undercoat	100%	Plastics Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	* Timber Frame, 30mm insul, Pbrd, paint both sides	Final Coat	100%	Plastics Landfill
Timber Medium Density Fibreboard (MDF) Industry Average	Cornices & Shadowlines	* Timber Frame, 30mm insul, Pbrd, paint both sides	Skirting boards	100%	Combustion of timberwaste - no recovery
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Cornices & Shadowlines	* Timber Frame, 30mm insul, Pbrd, paint both sides	Cornices	100%	Inert Waste Landfill
Timber Softwood Industry Average	External enclosing walls above ground level	* Timber Frame, 30mm insul, Pbrd, paint both sides	Bottom Plate	100%	Combustion of timberwaste - no recovery
Timber Softwood Industry Average	External enclosing walls above ground level	* Timber Frame, 30mm insul, Pbrd, paint both sides	Top Plate	100%	Combustion of timberwaste - no recovery
Timber Softwood Industry Average	External enclosing walls above ground level	* Timber Frame, 30mm insul, Pbrd, paint both sides	Nogs	100%	Combustion of timberwaste - no recovery
Timber Softwood Industry Average	External enclosing walls above ground level	* Timber Frame, 30mm insul, Pbrd, paint both sides	Studs at 450mm Centres	100%	Combustion of timberwaste - no recovery
Steel General Unspecified Industry Average	External enclosing walls above ground level	* Timber Frame, 30mm insul, Pbrd, paint both sides	Bracing Straps and tie downs	20%	Steel products Landfill
Plaster and Gypsum Derived Products Plaster Board 12mm Sheets Industry Average	Wall finishes	* Timber Frame, 30mm insul, Pbrd, paint both sides	Plaster Board	100%	Inert Waste Landfill
Steel General Unspecified Industry Average	External enclosing walls above ground level	* Timber Frame, 30mm insul, Pbrd, paint both sides	Fasteners / nails	20%	Steel products Landfill
Insulation Blankets and Batts Polyester Batts Unspecified Industry Average	Insulation	* Timber Frame, 30mm insul, Pbrd, paint both sides	Polyurethane Batts	100%	Plastics Landfill
Steel General Unspecified Industry Average	External enclosing walls above ground level	Steel stud, 600mm centre, plbrd one side	Steel Framing - 90mm Wall	20%	Steel products Landfill
Steel General Unspecified Industry Average	External enclosing walls above ground level	Steel stud, 600mm centre, plbrd one side	Brackets and Fastners	20%	Steel products Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Steel stud, 600mm centre, plbrd one side	Sealer	100%	Plastics Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Steel stud, 600mm centre, plbrd one side	Undercoat	100%	Plastics Landfill
Paints and Finishes Unspecified 1 Coat Industry Average	Paint - Walls	Steel stud, 600mm centre, plbrd one side	Final Coat	100%	Plastics Landfill
Timber Medium Density Fibreboard (MDF) Industry Average	Cornices & Shadowlines	Steel stud, 600mm centre, plbrd one side	Skirting boards	100%	Combustion of timberwaste - no recovery
Plaster and Gypsum Derived Products Plaster Unspecified Industry Average	Cornices & Shadowlines	Steel stud, 600mm centre, plbrd one side	Cornices	100%	Inert Waste Landfill

Plaster and Gypsum Derived Products Plaster Board 12mm Sheets Industry Average	Wall finishes	Steel stud, 600mm centre, plbrd one side	Plaster Board	100%	Inert Waste Landfill
Steel General Unspecified Industry Average	External enclosing walls above ground level	Steel stud, 600mm centre, plbrd one side	Fastners and/or nails	20%	Steel products Landfill
Plastics Polyvinyl Chloride (PVC) Unspecified Industry Average	Roof structure	Green Roof, Bitumen, EPS	Root resistant	80%	Plastics Landfill
Plastics High Density Polyethylene (HDPE) Unspecified Industry Average	Roof structure	Green Roof, Bitumen, EPS	Drainage mesh module	80%	Plastics Landfill
Plastics High Density Polyethylene (HDPE) Unspecified Industry Average	Roof structure	Green Roof, Bitumen, EPS	Water drainage tray	80%	Plastics Landfill
Carpets and Floor Coverings Underlay Felt Industry Average	Roof structure	Green Roof, Bitumen, EPS	Filter fabric	100%	Woollen carpet Landfill
Plastics High Density Polyethylene (HDPE) Unspecified Industry Average	Roof structure	Green Roof, Bitumen, EPS	Confinement cells	80%	Plastics Landfill
Bulk Aggregates Sands and Soils Sand (Compacted) Unspecified Industry Average	Roof structure	Green Roof, Bitumen, EPS	Growing Media	100%	Inert Waste Landfill
Insulation Rigid Foams and Boards Polystyrene Unspecified EPS Industry Average	Insulation	Green Roof, Bitumen, EPS	EPS 170mm	100%	Plastics Landfill
Asphalt and Bitumen Asphalt Unspecified Industry Average	Roof coverings	Green Roof, Bitumen, EPS	Bitumen	100%	Inert Waste Landfill
Plastics Polyvinyl Chloride (PVC) PVC Pipe Industry Average	Roof drainage	Green Roof, Bitumen, EPS	Down pipe	80%	Plastics Landfill
Plastics Polyvinyl Chloride (PVC) PVC Pipe Industry Average	Roof drainage	Green Roof, Bitumen, EPS	Gutter	80%	Plastics Landfill
Finished Products Electrical Goods Solar PV Panels Monocrystalline Unspecified Industry Average	Electrical installations	Monocrystalline Solar System - Zone 3	Panels	100%	Non-ferrous metals Landfill
Finished Products Electrical Goods Inverter Industry Average	Electrical installations	Monocrystalline Solar System - Zone 3	Inverter and cables etc	100%	inverters Landfill
Aluminium General Industry Average	Electrical installations	Monocrystalline Solar System - Zone 3	Frames	42.67%	Aluminium Landfill

EPDs

Name	LCI Source Portability	Product Life	Quantity	Units
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