

DAPPERS LANE - L1A 2013 Compliance

PLOT	TYPE	DESIGN PRESSURE TEST m ² /(hr.m ²)@50pa	U-VALUE EXT DOORS W/m ² K	U-VALUES WINDOWS W/m ² K (3)	VENTILATION (5)	WALL MAKE-UP (1)	U-VALUE W/m ² K	Y/PSI VALUES (2)	PARTY WALLS	U-VALUE W/m ² K (SAP2012)	ROOF INSULATION (1)	U-VALUE W/m ² K	SLAB	U-VALUE W/m ² K (4)	EXPOSED FLOORS (1)	U-VALUE W/m ² K	BOILER/HEAT PUMP	CONTROLS / EMITTERS	WEATHER/LOAD COMPENSATOR	SECONDARY HEATING	CYLINDER	LOW ENERGY LIGHTING	RENEWABLES
1	Holywell	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A
2	Coniston+	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A
3	Lockwood Corner	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A
4	3520A+	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A
5	2B3P	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A
6	2B3P	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A
7	Coniston+	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A

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8	Hanbury+	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A
9	Hanbury+	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	2.16kWp South West Facing PV
10	Hanbury+	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	2.16kWp South West Facing PV
11	Hanbury+	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	2.16kWp South West Facing PV
12	Hanbury+	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	2.16kWp South Facing PV
13	Hanbury+	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	2.16kWp South Facing PV
14	Lockwood Corner	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	2.16kWp West Facing PV

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15	2B3P	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A
16	2B3P	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A
17	3520A+	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A
18	Coniston	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A
19	Coniston	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A
20	Holywell	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A
21	Holywell	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A

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PLOT	TYPE	DESIGN PRESSURE TEST m ² /(hr.m ²)@50pa	U-VALUE EXT DOORS W/m ² K	U-VALUES WINDOWS W/m ² K (3)	VENTILATION (5)	WALL MAKE-UP (1)	U-VALUE W/m ² K	Y/PSI VALUES (2)	PARTY WALLS	U-VALUE W/m ² K (SAP2012)	ROOF INSULATION (1)	U-VALUE W/m ² K	SLAB	U-VALUE W/m ² K (4)	EXPOSED FLOORS (1)	U-VALUE W/m ² K	BOILER/HEAT PUMP	CONTROLS / EMITTERS	WEATHER/LOAD COMPENSATOR	SECONDARY HEATING	CYLINDER	LOW ENERGY LIGHTING	RENEWABLES
22	Coniston	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A
23	Hanbury+	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A
24	Hanbury+	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A
25	Hanbury+	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A
26	Hanbury+	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A
27	Holywell	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A
28	Lockwood	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A

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PLOT	TYPE	DESIGN PRESSURE TEST m ² /(hr.m ²)@50pa	U-VALUE EXT DOORS W/m ² K	U-VALUES WINDOWS W/m ² K (3)	VENTILATION (5)	WALL MAKE-UP (1)	U-VALUE W/m ² K	Y/PSI VALUES (2)	PARTY WALLS	U-VALUE W/m ² K (SAP2012)	ROOF INSULATION (1)	U-VALUE W/m ² K	SLAB	U-VALUE W/m ² K (4)	EXPOSED FLOORS (1)	U-VALUE W/m ² K	BOILER/HEAT PUMP	CONTROLS / EMITTERS	WEATHER/LOAD COMPENSATOR	SECONDARY HEATING	CYLINDER	LOW ENERGY LIGHTING	RENEWABLES
29	3520A+	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A
30	2B3P	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A
31	2B3P	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A
32	2B3P	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A
33	2B3P	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A
34	3520A+	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A
35	Lockwood Corner	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A

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PLOT	TYPE	DESIGN PRESSURE TEST m ² /(hr.m ²)@50pa	U-VALUE EXT DOORS W/m ² K	U-VALUES WINDOWS W/m ² K (3)	VENTILATION (5)	WALL MAKE-UP (1)	U-VALUE W/m ² K	Y/PSI VALUES (2)	PARTY WALLS	U-VALUE W/m ² K (SAP2012)	ROOF INSULATION (1)	U-VALUE W/m ² K	SLAB	U-VALUE W/m ² K (4)	EXPOSED FLOORS (1)	U-VALUE W/m ² K	BOILER/HEAT PUMP	CONTROLS / EMITTERS	WEATHER/LOAD COMPENSATOR	SECONDARY HEATING	CYLINDER	LOW ENERGY LIGHTING	RENEWABLES
36	Hanbury+	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	2.16kWp South Facing PV
37	Hanbury+	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	2.16kWp South Facing PV
38	Hanbury+	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	2.16kWp South Facing PV
39	Hanbury+	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	2.16kWp South Facing PV
40	Lockwood Corner	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A
41	Warwick	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A
42	Longthorpe	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A

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PLOT	TYPE	DESIGN PRESSURE TEST m ² /(hr.m ²)@50pa	U-VALUE EXT DOORS W/m ² K	U-VALUES WINDOWS W/m ² K (3)	VENTILATION (5)	WALL MAKE-UP (1)	U-VALUE W/m ² K	Y/PSI VALUES (2)	PARTY WALLS	U-VALUE W/m ² K (SAP2012)	ROOF INSULATION (1)	U-VALUE W/m ² K	SLAB	U-VALUE W/m ² K (4)	EXPOSED FLOORS (1)	U-VALUE W/m ² K	BOILER/HEAT PUMP	CONTROLS / EMITTERS	WEATHER/LOAD COMPENSATOR	SECONDARY HEATING	CYLINDER	LOW ENERGY LIGHTING	RENEWABLES
43	Longthorpe	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/mK Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A
44	Warwick	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/mK Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A
45	Lockwood Corner	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/mK Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A
46	Derwent	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/mK Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A
47	Coniston+	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/mK Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A
48	Coniston+	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/mK Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A
49	Derwent	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/mK Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A

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PLOT	TYPE	DESIGN PRESSURE TEST m ² /(hr.m ²)@50pa	U-VALUE EXT DOORS W/m ² K	U-VALUES WINDOWS W/m ² K (3)	VENTILATION (5)	WALL MAKE-UP (1)	U-VALUE W/m ² K	Y/PSI VALUES (2)	PARTY WALLS	U-VALUE W/m ² K (SAP2012)	ROOF INSULATION (1)	U-VALUE W/m ² K	SLAB	U-VALUE W/m ² K (4)	EXPOSED FLOORS (1)	U-VALUE W/m ² K	BOILER/HEAT PUMP	CONTROLS / EMITTERS	WEATHER/LOAD COMPENSATOR	SECONDARY HEATING	CYLINDER	LOW ENERGY LIGHTING	RENEWABLES
50	Lockwood Corner	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/mK Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A
51	Derwent	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/mK Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A
52	Hanbury+	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/mK Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A
53	Hanbury+	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/mK Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A
54	Lockwood Corner	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/mK Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A
55	Warwick	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/mK Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A
56	Warwick	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/mK Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A

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PLOT	TYPE	DESIGN PRESSURE TEST m ² /(hr.m ²)@50pa	U-VALUE EXT DOORS W/m ² K	U-VALUES WINDOWS W/m ² K (3)	VENTILATION (5)	WALL MAKE-UP (1)	U-VALUE W/m ² K	Y/PSI VALUES (2)	PARTY WALLS	U-VALUE W/m ² K (SAP2012)	ROOF INSULATION (1)	U-VALUE W/m ² K	SLAB	U-VALUE W/m ² K (4)	EXPOSED FLOORS (1)	U-VALUE W/m ² K	BOILER/HEAT PUMP	CONTROLS / EMITTERS	WEATHER/LOAD COMPENSATOR	SECONDARY HEATING	CYLINDER	LOW ENERGY LIGHTING	RENEWABLES
57	Coniston+	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/mK Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A
58	Derwent	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/mK Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A
59	3520A+	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/mK Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A
60	2B3P	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/mK Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A
61	2B3P	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/mK Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A
62	Derwent	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/mK Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A
63	WP2	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/mK Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A

PLOT	TYPE	DESIGN PRESSURE TEST m ⁷ /(hr.m ²)@50pa	U-VALUE EXT DOORS W/m ² K	U-VALUES WINDOWS W/m ² K (3)	VENTILATION (5)	WALL MAKE-UP (1)	U-VALUE W/m ² K	Y/PSI VALUES (2)	PARTY WALLS	U-VALUE W/m ² K (SAP2012)	ROOF INSULATION (1)	U-VALUE W/m ² K	SLAB	U-VALUE W/m ² K (4)	EXPOSED FLOORS (1)	U-VALUE W/m ² K	BOILER/HEAT PUMP	CONTROLS / EMITTERS	WEATHER/LOAD COMPENSATOR	SECONDARY HEATING	CYLINDER	LOW ENERGY LIGHTING	RENEWABLES
64	WP2	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm ≤0.57 W.m/K Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm ≤0.57 W.m/K Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/.m/K Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over celing joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A
65	3520A+	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm ≤0.57 W.m/K Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm ≤0.57 W.m/K Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/.m/K Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over celing joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A
66	Block A GFF	5.50	0.90	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.19 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs to Ground Floors a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.19 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs to Ground Floors of three storey & flats b) Ext Walls: Tile/Clad Timber Batten 100mm ≤0.57 W.m/K Medium Density Block Knauf Supafil 34 100mm 0.19 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs to Ground Floors to three storey & flats c) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs to Ground Floors a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.19 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs to Ground Floors of three storey & flats d) Ext Walls: 200mm 0.11 W/.m/K Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.26 b) 0.25 c) 0.25 d) 0.24 e) 0.27	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	N/A	N/A	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	N/A	N/A	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A
67	2B3P	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm ≤0.57 W.m/K Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm ≤0.57 W.m/K Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/.m/K Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over celing joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A
68	2B3P	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm ≤0.57 W.m/K Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm ≤0.57 W.m/K Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/.m/K Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over celing joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A
69	Lockwood Corner	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm ≤0.57 W.m/K Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm ≤0.57 W.m/K Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/.m/K Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over celing joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A
70	Lockwood	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm ≤0.57 W.m/K Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm ≤0.57 W.m/K Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/.m/K Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over celing joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A

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PLOT	TYPE	DESIGN PRESSURE TEST m ² /(hr.m ²)@50pa	U-VALUE EXT DOORS W/m ² K	U-VALUES WINDOWS W/m ² K (3)	VENTILATION (5)	WALL MAKE-UP (1)	U-VALUE W/m ² K	Y/PSI VALUES (2)	PARTY WALLS	U-VALUE W/m ² K (SAP2012)	ROOF INSULATION (1)	U-VALUE W/m ² K	SLAB	U-VALUE W/m ² K (4)	EXPOSED FLOORS (1)	U-VALUE W/m ² K	BOILER/HEAT PUMP	CONTROLS / EMITTERS	WEATHER/LOAD COMPENSATOR	SECONDARY HEATING	CYLINDER	LOW ENERGY LIGHTING	RENEWABLES
71	Longthorpe	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/mK Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A
72	Longthorpe	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/mK Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A
73	3520A+	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/mK Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A
74	3520A+	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/mK Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A
75	2B3P	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/mK Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A
76	2B3P	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/mK Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A
77	Lockwood Corner	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm s0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm s0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/mK Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A

DAPPERS LANE - L1A 2013 Compliance

PLOT	TYPE	DESIGN PRESSURE TEST m ² /(hr.m ²)@50pa	U-VALUE EXT DOORS W/m ² K	U-VALUES WINDOWS W/m ² K (3)	VENTILATION (5)	WALL MAKE-UP (1)	U-VALUE W/m ² K	Y/PSI VALUES (2)	PARTY WALLS	U-VALUE W/m ² K (SAP2012)	ROOF INSULATION (1)	U-VALUE W/m ² K	SLAB	U-VALUE W/m ² K (4)	EXPOSED FLOORS (1)	U-VALUE W/m ² K	BOILER/HEAT PUMP	CONTROLS / EMITTERS	WEATHER/LOAD COMPENSATOR	SECONDARY HEATING	CYLINDER	LOW ENERGY LIGHTING	RENEWABLES
78	Coniston+	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm ≤0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm ≤0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A
79	Coniston+	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm ≤0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm ≤0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A
80	Derwent	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm ≤0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm ≤0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A
81	Holywell	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm ≤0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm ≤0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A
82	Coniston+	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm ≤0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm ≤0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A
83	Coniston	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm ≤0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm ≤0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A
84	Holywell	5.00	Front 1.40 Rear 1.60	1.30	System 1	a) Ext Walls: 100mm Brick 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs b) Ext Walls: Tile/Clad Timber Batten 100mm ≤0.57 W.mK Medium Density Block Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs c) Ext Walls: 15mm Render 100mm ≤0.57 W.mK Medium Density Block 100mm Knauf Supafil 34 100mm 0.15 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs d) Ext Walls: 200mm 0.11 W/m.K Aircrete Block 12.50mm Plasterboard on Dabs	a) 0.25 b) 0.24 c) 0.25 d) 0.56	APA Birtley SIG ACD Default	Fully Filled and Edge Sealed where applicable	0.00	(a) Plane Roofs: 300mm 0.044 W/m.k Mineral Wool over ceiling joists 100mm 0.044 W/m.k Mineral Wool between Flat Roofs (b) GRP	(a) 0.11 (b) 0.30	75mm Screed 75mm 0.022 W/m.K PIR Insulation Medium Density Block infilled Beam Flooring	~0.19	22mm Chipboard 220mm 0.044 W/m.K Mineral Wool between Floor Joists 15mm Plasterboard	0.21	Ideal ESP1 35 Mains Gas Combination Boiler	Delayed Start Stat Time & Temperature Zone Control TRV controlled Radiators	N/A	N/A	N/A	100%	N/A

(1) Not all make-ups are applicable to every plot refer to construction plans, elevations and sections for full details

(2) For full list of details refer to the Thermal Bridge Schedules issued with Design SAP Calculations

(3) BFRC UPVC Double Glazed 0.44g Low - E

(4) Depending on P/A

(5) No Ventilation to W/C's with openable window or Utility Rooms with no Sink (Ventilation & Sink fitted as Customer Extra if required) in accordance with Persimmon May 2018 Construction Specification

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PLOT	TYPE	DESIGN PRESSURE TEST m ² /(hr.m ²)@50pa	U-VALUE EXT DOORS W/m ² K	U-VALUES WINDOWS W/m ² K (3)	VENTILATION (5)	WALL MAKE-UP (1)	U-VALUE W/m ² K	Y/PSI VALUES (2)	PARTY WALLS	U-VALUE W/m ² K (SAP2012)	ROOF INSULATION (1)	U-VALUE W/m ² K	SLAB	U-VALUE W/m2K (4)	EXPOSED FLOORS (1)	U-VALUE W/m2K	BOILER/HEAT PUMP	CONTROLS / EMITTERS	WEATHER/LOAD COMPENSATOR	SECONDARY HEATING	CYLINDER	LOW ENERGY LIGHTING	RENEWABLES
ISSUE DATE	REVISION	COMMENT																					
04/02/2021	Design Issue																						