

timbertech homes ltd.

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DETAIL	DESCRIPTION	U-VALUE (W/m ² k)
1.	Ground Floor – 184mm External Stud	0.09
1A.	Ground Floor – 140mm External Stud	0.09
2.	First Floor Joists with Lightweight Screed	n/a
2A.	First Floor with osb3 Deck	n/a
3.	184mm Timberframe External Wall (wool)	0.17
3A.	140mm Timberframe External Wall (wool)	0.20
3B.	235mm Timberframe External Wall (cellulose & wool)	0.15
3C.	184mm Timberframe External Wall (cellulose & wool)	0.15
3D.	235mm Timberframe External Wall with Stone (cellulose & wool)	0.15
4.	184mm Dormer Cheek Stud Wall (wool)	0.16
4A.	140mm Dormer Cheek Stud Wall (wool)	0.20
4B.	140mm Dormer Cheek Stud Wall (wool & gutex)	0.14
4C.	115mm Dormer Cheek Stud Wall (wool)	0.18
5.	Horizontal Ceiling (wool)	0.10
5A.	Horizontal Ceiling (wool)	0.11
5B.	Horizontal Ceiling (cellulose & wool)	0.09
5C.	Horizontal & Sloping Ceiling (wool & PIR)	hor. 0.11 slope 0.19
5D.	Horizontal Ceiling (Wool)	0.11
5E.	Attic Floor/Horizontal Ceiling (wool & PIR)	0.13
6.	Sloping Ceiling (wool)	0.15
6A.	Sloping Ceiling (cellulose & wool)	0.13
7.	Dwarf Walls – Acoustic Only	n/a
7A.	Internal Walls	n/a
7B.	Dwarf Walls (wool & PIR)	0.18
7C.	Dwarf Walls (wool)	0.21
8.	Door Threshold	n/a
9.	Barrel Roof (cellulose)	0.12
10.	Flat Roof (warm roof)	0.10
10A.	Flat Roof (cold roof)	0.10
10B.	Dormer Flat Roof (warm roof)	0.10