

October 2022

Layer		Thickness	Thermal conductivity K- value (Lambda)	Thermal Resistance (R-value)
		mm	W m K	m2 K W
2008	Inside Surface			0.13
	Plasterboard	12.5	0.20	0.63
	Ecotherm (recycled newspaper)	65	0.38	1.71
	OSB - 2008	30	0.13	2.31
2022	Air Gap for firrings			0.18
	OSB - 2022	30	0.13	2.31
	Inno-Torch	118	0.25	4.72
	Roofing Felt			
	Outside surface			0.04
		Flat Roof Total		12.02
		Thermal U-Value		0.08

Range/Note
0.16 - 0.25
Started at 130
0.11 - 0.35
n/a