



MARMORIT UK GUIDELINE TABLE FOR U VALUES USING THE WARM WALL SYSTEM



Insulation Thickness:	EPS	Fibre	Phenolic	EPS	Fibre	EPS	Fibre	Phenolic	EPS	Fibre	Phenolic	EPS	Fibre	Phenolic
40mm	0.62	0.61	0.45			0.44	0.43	0.35	0.61	0.61	0.44	0.52	0.52	0.40
50mm	0.53	0.52	0.36	0.49	0.49	0.38	0.37	0.29	0.51	0.51	0.35	0.46	0.46	0.33
60mm	0.46	0.44	0.31	0.43	0.42	0.35	0.34	0.26	0.45	0.43	0.31	0.40	0.40	0.28
70mm	0.41	0.39	0.27	0.39	0.37	0.32	0.31	0.23	0.40	0.38	0.27	0.36	0.36	0.25
80mm	0.37	0.35	0.24	0.35	0.34	0.29	0.28	0.21	0.36	0.35	0.24	0.33	0.33	0.23
90mm	0.33	0.32	0.22	0.32	0.31	0.27	0.26	0.19	0.33	0.31	0.22	0.30	0.30	0.21
100mm	0.31	0.29	0.20	0.29	0.28	0.25	0.24	0.18	0.32	0.29	0.20	0.28	0.28	0.19
110mm	0.28	0.27		0.27	0.26	0.24	0.23		0.28	0.27		0.26	0.26	
120mm	0.26	0.25	0.17	0.25	0.24	0.22	0.21	0.15	0.26	0.25	0.17	0.24	0.24	0.18
130mm	0.25	0.23		0.24	0.23	0.21	0.20		0.24	0.23		0.23	0.23	
140mm	0.23	0.22		0.22	0.21	0.20	0.19		0.23	0.22		0.22	0.22	
150mm	0.22	0.21		0.21	0.20	0.19	0.18		0.21	0.20		0.20	0.20	
160mm	0.20	0.20		0.20	0.19	0.18	0.17		0.20	0.19		0.19	0.19	
180mm	0.18	0.18		0.18	0.17	0.16	0.16		0.18	0.17		0.18	0.18	
200mm	0.17	0.16		0.16	0.16	0.15	0.14		0.17	0.16		0.16	0.16	

All values are quoted as W / m²K and are approximate based on the construction breakdown below

Construction Key

 Timber / Metal Frame Construction

 Timber / Metal Frame Cavity Construction

 215mm Lightweight Blockwork

 140mm Medium Dense Blockwork

 250mm Block / Brick Cavity Construction

Construction Breakdown

2 x 12.5mm plasterboard, unfilled stud cavity, 10mm cement board

2 x 12.5mm plasterboard, unfilled stud cavity, 10mm cement board, 15mm ventilated cavity

12.5mm plasterboard on dabs, 215mm lightweight blockwork with a thermal conductivity of 0.22 W/m K

12.5mm plasterboard on dabs, 140mm medium dense blockwork with a thermal conductivity of 0.61 W/m K

12.5mm plasterboard on dabs, 100mm medium blockwork, unfilled cavity, 102.5mm external brickwork

Note: U-Values are for example only and a complete U-Value calculation should be carried out to ensure correct values for your project and a condensation risk carried out