

# Warmshell External Masonry U values with woodfibre

Examples of U values for different thicknesses of Warmshell on some typical backgrounds using woodfibre. Please note that site variables may change the actual result. Contact us for bespoke calculations.

	U Value W / m <sup>2</sup> K									
	Warmshell Woodfibre Board thickness (mm)									
Wall Type	None	40	60	80	100	120	140	160	180	200
9" brick wall	1.67	0.68	0.52	0.39	0.33	0.29	0.26	0.23	0.21	0.19
13½" brick wall	1.34	0.61	0.48	0.37	0.32	0.28	0.25	0.22	0.20	0.19
500mm limestone wall	1.45	0.63	0.49	0.38	0.32	0.28	0.25	0.23	0.21	0.19

	U Value W / m <sup>2</sup> K									
	Warmshell Graphite EPS Board thickness (mm)									
Wall Type	None	40	60	80	100	120	140	160	180	200
9" brick wall	1.67	0.55	0.41	0.33	0.28	0.24	0.24	0.19	0.17	0.16
13½" brick wall	1.34	0.51	0.39	0.32	0.27	0.23	0.21	0.19	0.17	0.16
500mm limestone wall	1.45	0.52	0.40	0.32	0.27	0.24	0.21	0.19	0.17	0.16

	U Value W / m <sup>2</sup> K						
	Warmshell Class A Board thickness (mm)						
Wall Type	None	50	75	100	125	150	175
9" brick wall	1.67	0.55	0.40	0.32	0.26	0.23	0.20
13½" brick wall	1.34	0.51	0.38	0.31	0.25	0.22	0.19
500mm limestone wall	1.45	0.52	0.39	0.31	0.26	0.22	0.20

The above desktop calculations use research on U values for uninsulated walls from [in-situ monitoring undertaken by the SPAB](#), and research by the BRE

This document is prepared for indicative purposes only. Lime Green Products Ltd shall not be liable for the consequences of any use of this document for any purpose other than that for which it was prepared and accepts no duty of care in relation to the same

7/7/20