

THERMAL RATING FOR GREENBOARD WALL SYSTEM

Timber or Steel Frame

Greenboard™ Thickness	40mm	60mm	75mm	100mm
External Air Firm	0.03 R	0.03 R	0.03 R	0.03 R
Render System	0.02 R	0.02 R	0.02 R	0.02 R
Greenboard™ R-value	1.04 R	1.56 R	1.95 R	2.60 R
Breather Sisalation Wrap	0.48 R	0.48 R	0.48 R	0.48 R
Cavity, frame	0.17 R	0.17 R	0.17 R	0.17 R
10mm PlasterBoard	0.06 R	0.06 R	0.06 R	0.06 R
Internal Air Film	0.12 R	0.12 R	0.12 R	0.12 R
Total R-value	1.92 R	2.44 R	2.83 R	3.48 R

What is an R-value?

All insulation materials are rated for their performance in restricting heat transfer. This is expressed as an R-value which is the measure of material's resistance heat transfer (Thermal Resistance). The higher the R-value, the greater the insulating effects.

Total R-value ratings where checked by,



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