

THERMAL RATING FOR GREENBOARD WALL SYSTEM

Timber or Steel Frame

NRG 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
NRG Greenboard™ R-value	1.30 R	1.56 R	1.95 R	2.60 R
NRG Greenboard™ 75 CRF BAL29	0.48 R	0.48 R	0.48 R	0.48 R
NRG Greenboard™ 75 CR (Cavity Release)	0.48 R	0.48 R	0.48 R	0.48 R
Breather Sisalation Wrap	0.48 R	0.48 R	0.48 R	0.48 R
Cavity and 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	2.4 R	2.92 R	3.31 R	3.96 R

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 were checked by:

Q-Bears

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