



## Superior Full Fill Insulation

Cavity Wall insulation that combines ease of construction with all the benefits of Full Fill PIR.



Precision Cut  
Rebate Edge



Reduced Cavity  
Width and Build  
Cost



Moisture Resistant



Easy Cut & Fit



Premium Stucco  
Embossed Facings



Extremely Low  
U-Values

## SUPERIOR FULL FILL INSULATION

### Technical Data

Product Thickness (mm)	R - Value (m <sup>2</sup> K/W)	Weight (kg/m <sup>2</sup> )
72	3.27	2.23
97	4.40	3.00
122	5.54	3.78
147	6.68	4.56

### Typical U-values

Product Thickness (mm)	Dense Block (1.13 Wm <sup>2</sup> K)	Mannok Aircrete Thermal Block (0.12 Wm <sup>2</sup> K)
72	0.26	0.23
97	0.20	0.18
122	0.16	0.15
147	0.14	0.13

U-value based upon Brickwork outer leaf / Mannok Therm Boards / Blockwork inner leaf / Plasterboard on dabs + 3mm skim.

### Physical Properties

	Method	Quinn Therm ISOSHIELD
Compressive Strength	BS EN 826	≥150kPa
Dimensional Stability	BS EN 1604	DS (TH)4, DS (-20,-)2
Water Vapour Resistance	BS EN 12086 : Method B	> 150 MNs/g
Thermal Conductivity	BS EN 12667	0.022 W/mk
Surface Spread of Flame	BS 476 : Part 7	Class 1