

THERMASHEET



As ThermaSheet is a relatively thin substrate, it will not usually meet specific insulation requirements (R-Value) on its own, but it will provide a THERMAL BREAK between substrates and its R value will of course be added to the R value of the combined structure (walls or floor) to improve energy efficiency. See table below for individual values if required.

CODE	PRODUCT	DIMENSIONS	R-VALUE*
RTTB-06-1200	Backer board – 6mm	1200 x 600 mm	0.11
RTTB-10-1200	Backer board – 10mm	1200 x 600 mm	0.21
RTTB-10-2400-900	Backer board – 10mm	2400 x 900 mm	0.21
RTTB-12-1200	Backer board – 12mm	1200 x 600 mm	0.28
RTTB-12-2400-900	Backer board – 12mm	2400 x 900 mm	0.28
RTTB-20-1200	Backer board – 20mm	1200 x 600 mm	0.49
RTTB-50-1200	Backer board – 50mm	1200 x 600 mm	1.27
RTTB-50-2500-1200	Backer board – 50mm	2500 x 1200 mm	1.4
RTTB-100-2500-1200	Backer board – 100mm	2500 x 1200 mm	2.85
RTTBBC-20-1250	Prescored + curved backer board – 20mm	1250 x 600 mm	0.49
RTTBBC-20-2500	Prescored + curved backer board – 20mm	2500 x 600 mm	0.49
RTTBBC-30-1250	Prescored + curved backer board – 30mm	1250 x 600 mm	0.74
RTTBBC-30-2500	Prescored + curved backer board – 30mm	2500 x 600 mm	0.74
RST	Shower Tray (25mm – 10mm fall)	1000 x 1500 mm	0.28
RSB-1200	Shower seat	1200 x 450 x 470 mm	-
RSBC-1200	Curved shower seat	1200 x 450 x 470 mm	-
RSBCB-1200	Curved shower seat with back	1200 x 586 x 870 mm	-
RSB-CNR-1000	Corner shower seat	1000 x 450 x 470 mm	-
RSBC-CNR-1000	Curved corner shower seat	1000 x 450 x 470 mm	-
RSBCB-CNR-600	Curved corner shower seat with back	600 x 600 x 870 mm	-

* R-Value is m2.K/W

Continued overleaf >>>



PROPERTY	ASSESSED TO	RATING
Xps Density	DIN 53420	36 ± 0.02 kg/m ³
Thermal Conductivity	EN 12167	0.033 W/m.K
Compressive Strength (10% deflection)	EN 826	300 k/Pa (3 tonnes/m ²)
Flexural Strength	ASTM C203	0.30 ± 0.02 MPa
Water Absorption (2-day immersion)	ISO 2896	0.2% by volume
Water Absorption (Capillary)	DIN 53428	Zero
Water Vapour Diffusion Resistivity (μ)	DIN 52615	110 - 225 (μ)
Water vapour Permeability	ASTM E-96	0.028 ng/Pa.m.s
Maximum Tile Loading Weight	CERAM 121107	60kg/m ²
Flammability	AS/NZS	1530.3.1999
Impact Sound Reduction	BS-ISO140-	dLw=21
EU Controlled Substances Content	N/A	None

RECOMMENDED ADHESIVES

Brick or render walls: Mapei Keraflex Maxi S1 or equivalent.

Stud walls: Sikaflex 11FC or equivalent plus mechanical fixing with thermasheet stainless washers and screws.