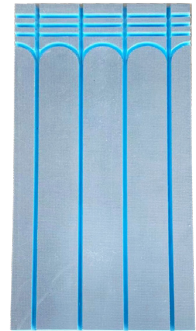


## XPS tile backer board for 16mm pipe

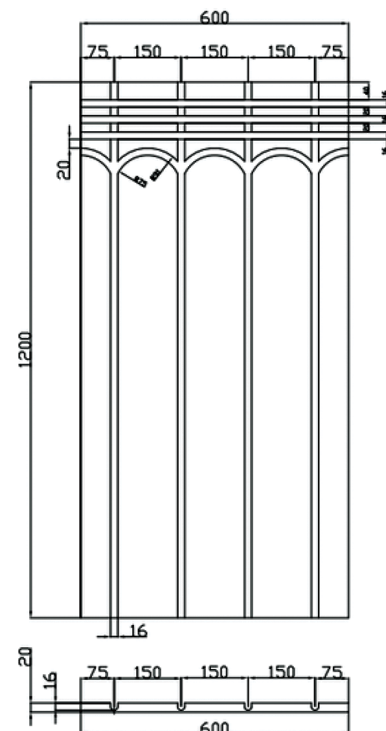
Made using high density XPS 400kPa which is thermally insulating, lightweight, waterproof and faced with a reinforced cement coating. The panels provide a quick and easy solution for the placement of pipework for domestic and commercial underfloor heating applications. Providing a robust surface that is ideal for direct bonding of tiles.



Product Code	Product Description
TIOTBB0001	XPS tile backer 150mm centres 1200 x 600 x 20mm

The panels are ideal for fitting onto solid floors i.e. concrete, screed, asphalt floors, and also suspended timber floors that have been boarded with suitable floor boarding. The routed channels are compatible with most flexible low-pressure underfloor heating pipes.

At the end of each panel is a series of pre formed return loops and 3 x routed channels which allow flexibility and versatility for multiple heated zones to be fitted.



Thermal conductivity, 90 days, 10°C	W/mK	≤0.03
Compressive strength at 10% deflection or yield, (vertical)	kPa	≥400
Bond strength	NS-EN 1489, annex A 6.2	0.3N/mm <sup>2</sup>
Bond strength after 21 days	NS-EN 1489, annex A 6.3	0.2N/mm <sup>2</sup>
Resistance to body impact	ETAG003	3*120Nm
Impact of sound reduction	ISO 140-3:1995+A1:2004	21DB
	ISO 717-1:1996+A1:2006	
Tensile strength	kPa	≥400
Water absorption	Vol-%	≤1.00%
Capillarity	nil	nil
Coefficient of linear thermal expansion	mm/mK	0.07
Temperature limits	°C	-50°C, +80°C
Fire Protection Class		B2
Quality Management System	ISO9001	03615Q20891R1S