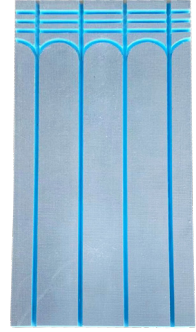


## XPS tile backer board for 16mm pipe

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	Dimensions
TIOTBB0001	XPS tile backer board	1200 x 600 x 20mm - 150mm centers

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.

Conforms to EN13164.

Thermal conductivity (10 days at 90°C)	≤0.03W/mK
Compressive strength at 10% deflection or yield	≥400kPa
Bond strength	0.3N/mm <sup>2</sup>
Bond strength after 21 days	0.2N/mm <sup>2</sup>
Resistance to body impact	3*120Nm
Impact of sound reduction	21dB
Tensile strength	≥400kPa
Water absorption	≤1.00% Vol-%
Capillary	nil
Coefficient of linear thermal expansion	0.07mm/mK
Temperature range	-50°C - 80°C
Fire protection class	E
Quality management system	ISO9001

