

■ Overview

XPS Tile Backer Board is made of XPS foam board(CFC&HCFC free, blue closed cell core) in core and coated with fiberglass mesh and polymer cement mortar on both sides. It makes the backer board an ideal base for setting tiles using the thin bed process. The XPS foam board in core is 100% waterproof and offers exceptional resistance to water vapor. As proof, these panels meet the stringent standards of ASTM/ANSI testing for waterproofing and are suitable as part of a waterproof installation when seams and fastener heads are properly treated.

■ Features & benefits

- Thermally insulating
- Waterproof and dimensionally stable
- Low weight
- Easy to cut(by knife or Saw)
- Excellent for wet rooms
- Excellent sound insulation
- Environment friendly(free of CFC&HCFC)
- Easy to be tiled



■ Technical Data Sheet

Properties	Standard	Unit	Result
In core XPS Density	EN 1602	kg/m ³	32~35
Thermal resistance and thermal conductivity	EN 12667	W/(m.K)	0.032
Compressive stress or compressive strength @ 10% deformation	EN 826	kPa	>300
Tensile strength	EN1607	kPa	>300
Deformation under Stress 40 kPa, T= 23C, time 48 h	EN 1605	%	0.3
Long term water absorption through total immersion Wh	EN 12087	%	0.8
Behaviour to the effect of freeze-thaw, The loss of resistance after 300 cycles of wet specimens	EN 12091	%	2.0
Behaviour to the effect of freeze-thaw, The loss of resistance after 300 cycles of dry specimens	EN 12091	%	2.7
Coefficient of linear thermal expansion		mm/(m.K)	0.07
Reaction to fire - Euroclass	EN 13501-1		E
Temperature limits		°C	-50/+75

TBB300 Datasheet

XPS Tile Backer Board

■ Dimension

CODE	Thickness	Width	Length
TBB300-6	6mm	600mm	1200mm
TBB300-10	10mm	600mm	1200mm
TBB300-20	20mm	600mm	1200mm