

CONTENTS



1.XPS Tile Backer Board

TYCO 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 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.

1.1 Product Characteristics

- Thermally insulating
- Waterproof and dimensionally stable
- Low weight, one board(1200x600x10mm) is around 1.8KG
- Easy to cut(by knife or Saw)
- Excellent for wet rooms
- Excellent sound insulation(12mm board, 20 db)
- Environment friendly(free of CFC&HCFC)
- Easy to be tiled

1.2 Technical Data Sheet

est Items	Standard	Result
Density	EN 1602	33kg/m ³
Thermal conductivity, 90 days, 10° C	EN 12667:2002	0.032W/(m*K)
Compressive strength	EN 826	>300Kpa
Tensile strength	EN 1607	>300Kpa
Water absorption	EN 12087	0.80%
Dimensional stability	EN 1604	0.90%
CIT Value	EN 45545-2:2013+A:2015	0.07
Fire resistant	EN 13501-1:2018	E
Sound Insulation (20mm thickness)	ISO 140-3:1995+A1:2004	21db

1.3 XPS Tile Backer Board Sizes

Item No.	Thickness	Width	Length
UTB12006	6mm	600mm	1200/1250mm
UTB12008	8mm		
UTB 24410	10mm	600mm	2440/2500mm
UTB 24412	12mm		
UTB 24420	20mm		
UTB 24430	30mm		
UTB 24450	50mm		

1.4 Extra Wide Sizes

Item No.	Width x Length x Thickness
CB53-12.7	3' x 5' x 1/2" (914 x 1524 x 12.7 mm)
CB83-12.7	3' x 8' x 1/2" (914 x 2440 x 12.7 mm)
CB84-25	4' x 8' x 1" (1220 x 2440 x 25 mm)
CB83-50	3' x 8' x 2' (914 x 2440 x 50 mm)
CB84-50	4' x 8' x 2' (1220 x 2440 x 50 mm)

Note:

- 1.For solid walls the minimum board thickness for mechanical fixing is 10mm.
- 2.For stud walls, fix studs at 600mm centers for 20mm or thicker boards, while for 12mm or 10mm thick boards require to be fixed at 300mm centers.
- 3.Use long boards or extra wide panels to reduce the requirement for noggins and taping.

