

TECHNICAL DATA SHEET POFIX XPS			Thickness							
			Unit	20mm	30mm	50mm	80mm	100mm	120mm	160mm
Shape of edge profile				L	L	L	L	L	L	L
Surface				waffled surface						
Colour				pink						
Board's length	EN 822:2013	mm	1250	1250	1250	1250	1250	1250	1250	1250
Board's width	EN 822:2013	mm	600	600	600	600	600	600	600	600
Thickness tolerance	EN 823:2013	Ti				T1				
Thermal conductivity coefficient at t=10°C	EN 12667:2004	W/m.K	0,0330	0,0330	0,0325	0,0320	0,0320	0,0320	0,0320	0,0320
Thermal resistance at t=10°C	EN 12667:2004	m ² .K/W	1,5	1,5	1,54	1,54	1,55	1,56	1,56	1,6
Water absorption-48h, partial immersion	EN 1609:2013	kg/m ²				≤ 0,5				
Water absorption-7 days, total immersion	EN 12087:2013	%				≤ 0,7				
Compressive stress-10% deformation	EN 826:2013	kPa	≥ 300	≥ 300	≥ 300	≥ 300	≥ 300	≥ 300	≥ 300	≥ 300
Tensile strength perpendicular to faces	EN 1607:2013	kPa	≥ 600	≥ 600	≥ 600	≥ 600	≥ 600	≥ 600	≥ 600	≥ 600
Flexural strength	EN 12089:2013	kPa								
Water vapour diffusion resistance factor μ	EN 1286:2013		≥ 80	≥ 80	≥ 80	≥ 80	≥ 80	≥ 80	≥ 80	≥ 80
Dimensional Stability, 48h, në 70 °C	EN 1604:2013	%	≤ 2	≤ 2	≤ 2	≤ 2	≤ 2	≤ 2	≤ 2	≤ 2
Application temperature		°C				from -50 to +75				
Reaction to fire	EN 13501-1:2007	Class				E				

Above mentioned data are referred after testing made from relevant institutions doc.no.1129 dhe 1871-CPR-RtF-109 / Oct. 2015

1. RESEARCH INSTITUTE FOR BUILDING MATERIALS-SOFIA, Accredited Laboratory from BAS according to BDS EN/IEC 17025:2006, Certificate reg.47 valid until 01.07.2018
2. CENTER FOR TESTING AND EUROPEAN CERTIFICATION - Stara ZAGORA, R. Bulgaria

RECOMMENDED USES

- Perimeter basement walls, even when ground water is present
- Floors with underfloor heating, heavy loaded floors (warehouses and industrial buildings)
- Foundation slabs, floors between storeys
- Visible ceilings, Ceilings for warehouses, sports structures
- Thermal insulation of walls
- Acoustic insulation for external walls, between storeys, cold room insulation
- Thermal bridges (balconies, window and door-jambes, concrete columns, etc.)
- Insulation for internal walls, internal walls next to cold rooms
- In combination with plasterboard, sandwich panels
- Parking areas, parking on inverted flat roofs, roof terraces
- Green roofs, warm flat roof
- Bridges, Roads, Railways, Airports