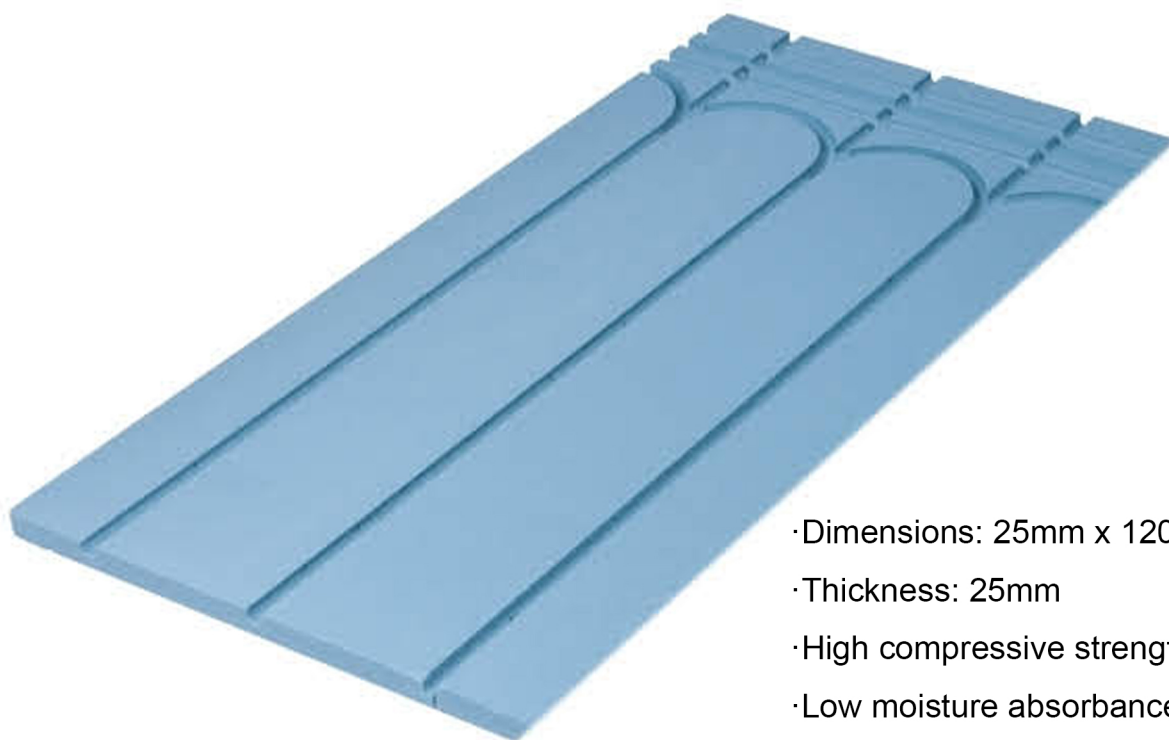


Solid Floor Routed Panel

For 16 / 15 mm Underfloor Heating Pipe – 150 / 200mm Centre



- Dimensions: 25mm x 1200mm x 600mm (0.72sqm)
- Thickness: 25mm
- High compressive strength
- Low moisture absorbance
- Excellent thermal performance

Properties	Standard	Unit	Ravatherm XPS X H LB
Density (typical value)	EN 1602	Kg/m ³	32
Thermal Conductivity declared	EN 13164	W/(m.K)	0.031 (<150mm) 0.032 (≥150mm)
Compressive stress or compressive strength @ 10% deformation 1)	EN 826	kPa	300
Tensile Strength 1)	EN 1607	kPa	600
Shear Strength	EN 12090	kPa	250
Compressive creep after 50 years ≤ 2% deformation under stress	EN 1606	kPa	-
Moduli	EN 826	Mpa	12 (≤30mm) 15 (30<≤ 80mm) 20 (>80mm)
Tensile Modulus	EN 1607	Mpa	24(>50mm)
Shear Modulus G	EN 12090	Mpa	8
Water vapour diffusion resistance factor (tabulated value)	EN 12086	-	150
Long term water absorption by total immersion	EN 12087	%	1,5
Dimensional stability under specified temperature (70°C) and humidity conditions (90%rh)	EN 1604	%	<5
Coefficient of linear thermal expansion (typical value)	-	mm/(m.K)	0,07
Reaction to fire Euroclass	EN 13501-1	-	E
Temperature limits	-	°C	-50/+75