

RAVATHERM™ XPS GR H LB



Technical data sheet

Properties	Value	Unit	Standard	CE Code	
Density (typical value)	32	kg/m ³	EN 1602		
Thermal Conductivity Declared	-	W/m.K	EN 13164	λ _b	
Thermal Conductivity 60 days - mean value at 10°C	-	W/m.K	EN12667 EN 12939	λ-mean, 60d	
Compressive stress or compressive strength @ 10% deformation	250	kPa	EN 826	CS(10Y)	
Tensile Strength ⁽¹⁾	-	kPa	EN 1607	TR	
Shear Strength	-	kPa	EN12090	SS	
Moduli (typical values)	E-Modulus ⁽¹⁾	-	MPa	EN 826	
	Tensile Modulus ⁽¹⁾	24	MPa	EN 1607	
	Shear Modulus G	8 ⁽²⁾	MPa	EN 12090	
Water vapour diffusion resistance factor μ (tabulated value)	150	-	EN 12086	MU	
Long term water absorption by total immersion	0.7	%	EN 12087	WL(T)	
Dimensional stability under specified temperature (70°C) and humidity conditions (90%rh)	-	%	EN 1604	DS(70,90)	
Coefficient of linear thermal expansion (typical value)	0.07	mm/(m.K)	-	-	
Fire Performance	E	Euroclass	EN 13501-1		
Temperature limits	-50/+75	°C	-		
Tolerances	Thickness	-0.5/+0.5	mm	EN 823	T
	Width	-0/+3	mm	EN 822	
	Length	-0/+10	mm	EN 822	
Dimensions	Thickness	165	mm	EN 823	
	Width	600	mm	EN 822	
	Length	2500 - 3000	mm	EN 822	
Edge Profile	Butt Edge				
Surface finish	Planed				

DESIGNATION CODE: XPS-EN 13164-T3-CS(10Y)300-DS(70,90)-WL(T)1.5-TR600-SS250

1 N/mm² = 10³ kPa = 1MPa

Material shall be stored inside in original packaging, away from direct sun light or heat sources

Note: The information and data contained in this technical data sheet do not represent exact sales specifications. The features of the products mentioned may vary. The information contained in this document has been provided in good faith, however it does not imply any liability, guarantee or assurance of product performance. It is the purchaser's responsibility to determine whether these products are suitable for the application desired and to ensure that the site of work and method of application conform with current legislation. No license is hereby granted for the use of patents or other industrial or intellectual property rights. If products are purchased, we advise following the most up-to-date suggestions and recommendations.