RAVATHERM™ XPS X UB300

Technical data sheet

Properties		Value		Unit	Standard	EN13164 Designation Code
Thermal Conductivity Declared λD		0.030	< 60 mm	W/m.K	EN 13164	λD
Compressive stress or compressive strength@ 10% deformation		300		kPa	EN 826	CS(10\Y)
Tensile strength		300		kPa	EN 1607	TR
Water vapour diffusion resistance factor μ (tabulated value)		-		-	EN 12086	MU
Long term water absorption by total immersion		1.5		%	EN 12087	WL(T)
Dimensional stability under specified temperature (70°C) and humidity conditions (90%rh)		< 5		%	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	T3
	Width	-3/+3		mm	EN 822	
	Length	-6/+6		mm	EN 822	
Dimensions	Thickness	50		mm	EN 823	
	Width	600		mm	EN 822	
	Length	1200		mm	EN 822	
Edge profile		Butt edge				
DESIGNATION CODE: XPS - EN 13164 - T3 -CS(10\Y)300 - DS(70,90) - WL(T)1,5 - TR200						
Surface finish		6 mm fibre cement flat sheet				
Tolerances	Thickness	-0/+0.6		mm		
	Width	+0/-2		mm		
	Length	+0/-2		mm		
Fire performance		A1		Euroclass	EN 13501-1	

1 N/mm² = 10³ kPa = 1MPa

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

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