

RAVATHERM™ XPS X UB300



Technical data sheet

Properties	Value	Unit	Standard	Designation Code	
Thermal Conductivity Declared λ_D	0.030	< 60 mm	W/m.K	BS EN 13164: 2012+A1:2015	λ_D
Compressive stress or compressive strength @ 10% deformation	300		kPa	BS EN 826:2013	CS(10Y)
Tensile strength	300		kPa	BS EN 1607:2013	TR
Water vapour diffusion resistance factor μ (tabulated value)	-		-	BS EN 12086:2013	MU
Long term water absorption by total immersion	1.5		%	BS EN 12087:2013	WL(T)
Dimensional stability under specified temperature (70°C) and humidity conditions (90%rh)	< 5		%	BS EN 1604:2013	DS(70,90)
Coefficient of linear thermal expansion (typical value)	0.07		mm/(m.K)	-	-
Reaction to fire classification	E		Euroclass	BS EN 13501-1:2018	
Temperature limits	-50/+75		°C	-	
Tolerances	Thickness	-0.5/+0.5	mm	BS EN 823:2013	T3
	Width	-3/+3	mm	BS EN 822:2013	
	Length	-6/+6	mm	BS EN 822:2013	
Dimensions	Thickness	50	mm	BS EN 823:2013	
	Width	600	mm	BS EN 822:2013	
	Length	1200	mm	BS EN 822:2013	
Edge profile	Butt edge				
DESIGNATION CODE: XPS - EN 13164 - T3 -CS(10Y)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		
Reaction to fire classification	A1		Euroclass	BS EN 13501-1:2018	

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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