

RAVATHERM™ XPS T 300 SL / SB

Prperties	Value		Unit	Standard	CE Code	
Thermal Conductivity Declared (AD)	0.031		W/m.K	EN 13164	λD	
Compressive stress or compressive strength@ 10% deformation	300		kPa	EN 826	CS(10\Y)	
Modulus (typical values)	15	< 50mm	MPa	EN 826		
	20	≥ 50mm				
Compressive Creep max after 50 years < 2% deformation under stress σC	110		kPa	EN 1606	CC(2/1.5/50)σ	
Long term water absorption by total immersion	0.7		%	EN 12087	WL(T)	
Water pick-up by diffusion	3	< 50mm	%	EN 12088	WD(V)	
	2	50 - 79 mm	%		WD(V)	
	1	≥ 80 mm	%		WD(V)	
Water pick up after Freeze Thaw	1		%	EN 12091	FTCD	
Dimensional stability under specified temperature (70°C) and humidity conditions (90%rh)	< 5		%	EN 1604	DS(70,90)	
Dimensional stability under specified compressive load (40kPa) and temperature (70°C) conditions	< 5			EN 1605	DLT(2)5	
Coefficient of linear thermal expansion (typical value)	0.07		mm/(m.K)	-	-	
Reaction to fire Euroclass	E		Euroclass	EN 13501-1		
Temperature limits	-50/+75		°C	-		
Tolerances	Thickness	-2/+2	< 50mm	mm	EN 823	T1
	Thickness	-2/+3	50 - 120	mm	EN 823	
	Thickness	-2/+6	> 120 mm	mm	EN 823	
	Width	-3/+3		mm	EN 822	
	length	-6/+6		mm	EN 822	
Dimensions	Thickness	30 - 100		mm	EN 823	
	Width	600		mm	EN 822	
	length	1250		mm	EN 822	
Edge profile	Ship lap					
Surface finish	with skin					
CE CODE:						
< 50 mm :	XPS EN 13164 - T1 - CS(10\Y)300 - CC(2/1.5/50)110 - DS(70,90) - DLT(2)5 - WD(V)3 - WL(T)0.7 - FTCD1					
50 - 79 mm :	XPS EN 13164 - T1 - CS(10\Y)300 - CC(2/1.5/50)110 - DS(70,90) - DLT(2)5 - WD(V)2 - WL(T)0.7 - FTCD1					
≤ 80 mm :	XPS EN 13164 - T1 - CS(10\Y)300 - CC(2/1.5/50)110 - DS(70,90) - DLT(2)5 - WD(V)1 - WL(T)0.7 - FTCD1					



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