

## Technical data sheet

# RAVATHERM™ XPS T SHAPE L

Properties	Value	Unit	Standard	CE Code	
Thermal Conductivity Declared ( $\lambda_D$ )	0.031	W/m.K	EN 13164	$\lambda_D$	
Compressive stress or compressive strength@ 10% deformation	200	kPa	EN 826	CS(10\Y)	
Tensile Strength <sup>1</sup>	200	kPa	EN 1607	TR	
Compressive Creep max after 50 years < 2% deformation under stress $\sigma_C$	NPD	kPa	EN 1606	CC(2/1.5/50) $\sigma$	
Long term water absorption by total immersion	1.5	%	EN 12087	WL(T)	
Water pick-up by diffusion	NPD	%	EN 12088	WD(V) WD(V) WD(V)	
Water pick up after Freeze Thaw	NPD	%	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	NPD		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	-1.0/+1.0	mm	EN 823	T3
	Width	-3/+3	mm	EN 822	
	length	-6/+6	mm	EN 822	
Dimensions	Thickness	30 - 120	mm	EN 823	
	Width	600	mm	EN 822	
	length	1250	mm	EN 822	
Edge profile	Ship Lap				
Surface finish	Planed				
<b>CE CODE</b>					
<b>XPS EN 13164 - T3 -CS(10Y)200 - DS(70,90) - WL(T)1.5 - TR200</b>					



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