Technical data sheet

RAVATHERM™ XPS T SHAPE L

Prperties		Value		Unit	Standard	CE Code
Thermal Conductivity Declared (λD)		0.031		W/m.K	EN 13164	λD
Compressive stress or compressive strength@ 10% deformation		200		kPa	EN 826	CS(10\Y)
Tensile Strength[1]		200		kPa	EN 1607	TR
Compressive Creep max after 50 years < 2% deformation under stress σC		NPD		kPa	EN 1606	CC(2/1.5/50)σ
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	
Egde profile		Ship Lap				
Surface finish		Planed				

CE CODE

XPS EN 13164 - T3 -CS(10\Y)200 - DS(70,90) - WL(T)1.5 - TR200

CE