

Technical data sheet

Properties		Value		Unit	Standard	CE Code
Density (typical value)		30		kg/m³	EN 1602	
Thermal Conductivity Declared		0.031		W/m.K	EN 13164	λD
Thermal Conductivity for 60 days old foam - mean value at 10°C		-		W/m.K	EN 12667 EN 12939	λ-mean, 60d
Compressive stress or compressive strength @ 10% deformation ¹		200		kPa	EN 826	CS(10Y)
Tensile Strength ¹		200		kPa	EN 1607	TR
Shear Strength		NPD		kPa	EN12090	SS
Moduli (typical)	E-Modulus ¹	-		MPa	EN 826	
		-		MPa	EN 826	
	Tensile Modulus ¹	-		MPa	EN 1607	
	Shear Modulus ²	-		MPa	EN 12090	
Compressive Creep max after 50 years < 2% deformation under stress σC		NPD		kPa	EN 1606	CC(2/1.5/50)σ
Water vapour diffusion resistance factor μ (tabulated value)		150		-	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)
Deformation 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)	-	-
Fire Performance		E		Euroclass	EN 13501-1	
Temperature limits		-50/+75		°C	-	
Tolerances	Thickness	-0.5/+0.5		mm	EN 823	T
	Width	0.0/+3		mm	EN 822	
	Length	0.0/+10		mm	EN 822	
Dimensions	Thickness	20 - 80		mm	EN 823	
	Width	600		mm	EN 822	
	Length	2180		mm	EN 822	
Edge Profile		Butt Edge				
Surface finish		Planed and grooved				

DESIGNATION CODE: **XPS - EN 13164 - T3 - CS(10Y)200 - DS(70,90) - WL(T)1.5 - TR200**

¹ Measured in thickness direction

² Typical value for Shear Modulus, may vary with the inplane direction.

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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