RAVATHERM™ XPS X PRIME ETICS B / L

Ravago BUILDING SOLUTIONS

Technical data sheet

Thermal resistance R_D	Thickness(mm)	20	30	40	50	60	70	80	90	100	120
	R_d m^2.K/W	0.70	1.05	1.40	1.75	2.10	2.45	2.80	3.15	3.50	4.20

Properties		Value	Unit	Standard	CE Code
Density (typical)		33	kg/m^3	EN 1602	
Thermal Conductivity Declared (λ_D)		0.029	W/m.K	EN 13164	λ_D
Compressive stress or compressive strength@ 10% deformation		300	kPa	EN 826	CS(10\Y)
Modulus (typical values)			MPa	EN 826	
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 (minimum)		100	-	EN 12086	MU
Long term water absorption by total immersion		1.5	%	EN 12087	WL(T)
Water pick-up by diffusion		NPD	%	EN 12088	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
Tensile strength		200	kPa	EN 1607	TR
Shear Strength		200	kPa	EN 12090	SS
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	T3
	Width	0/+3	mm	EN 822	
	Length	0/+10	mm	EN 822	
Dimensions	Thickness B	20 - 120	mm	EN 823	
	Thickness L	30 - 100	mm	EN 823	
	Width	600	mm	EN 822	
	Length	1250	mm	EN 822	
Egde profile	B	Butt Edge			
	L	Ship lap			
Surface finish		Planed			
CE Code		**XPS - EN 13164 - T3 - CS(10\Y)300 - DS(70,90) - WL(T)1.5 - TR200 - SS200 - MU100**			

30E-222-0925

CE

The quality of RAVATHERM XPS products is assured in accordance with EN 13164 and EN 13172 standards. These standards establish the type and frequency of measurements executed both by independent and recognized institutions, as well as by RAVAGO laboratories.

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