Technical data sheet

RAVATHERM™ XPS X ETICS B

XENERGY™ ETICSP

Thermal resistance R_D	Thickness(mm)	30	40	50	60	70	80	100			
	R_d m^2.K/W	1.00	1.35	1.65	1.95	2.25	2.60	3.20			

Properties	Value		Unit	Standard	CE Code
Density (typical)	32		kg/m^3	EN 1602	
Thermal Conductivity Declared (λ_D)	0.030 0.031	< 60 mm ≥ 60 mm	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 MPa MPa	EN 826 EN 826 EN 826	
Compressive Creep max after 50 years < 2% deformation under stress σC	NPD		kPa kPa	EN 1606	CC(2/1.5/50)σ CC(2/1.5/50)σ
Tensile strength	200		kPa	EN 1607	TR
Shear Strength	200		kPa	EN 12090	SS
Water vapour diffusion resistance factor μ (tabulated value)	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) 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)	-	-
Fire performance	E		Euroclass	EN 13501-1	
Temperature limits	-50/+75		°C	-	
Tolerances Thickness Width Length	-0.5/+0.5 0/+3 0/+10		mm mm mm	EN 823 EN 822 EN 822	T3
Dimensions Thickness Width Length	30 - 100 600 1250		mm mm mm	EN 823 EN 822 EN 822	
Egde profile	Butt Edge				
Surface finish	Planed				
CE CODE:	**XPS - EN 13164 - T3 - CS(10\Y)300 - DS(70,90) - WL(T)1.5 - TR200 - SS200 - MU100**				

30-211-0420

CE

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