

Technical data sheet

RAVATHERM™ XPS ETIC L

STYROFOAM™ ETICS-SL-AP

Thermal resistance R _D	Thickness(mm)										
	20	30	40	50	60	70	80	100	120		
R _d m ² .K/W	0.60	0.90	1.20	1.50	1.80	2.10	2.40	2.95	3.55		
Properties	Value				Unit	Standard	CE Code				
Density (typical)	32				kg/m ³	EN 1602					
Thermal Conductivity Declared (λ _D)	0.033	≤ 80 mm			W/m.K	EN 13164	λ _D				
	0.034	81 - 120 mm									
Compressive stress or compressive strength@ 10% deformation	300				kPa	EN 826	CS(10Y)				
Modulus (typical values)	-				MPa	EN 826					
	-				MPa	EN 826					
Compressive Creep max after 50 years < 2% deformation under stress σ _C	NPD				kPa	EN 1606	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	-0.5/+0.5			mm	EN 823	T3				
	Width	0/+3			mm	EN 822					
	Length	0/+10			mm	EN 822					
Dimensions	Thickness	20 - 120			mm	EN 823					
	Width	600			mm	EN 822					
	Length	1250			mm	EN 822					
Edge profile	Ship lap										
Surface finish	Planned										

CE CODE:

XPS - EN 13164 - T3 - CS(10Y)300 - DS(70,90) - TR200 - SS200 - WL(T)1.5 - MU100

30-203-0420



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