

Data sheet



URSA INDUSTRY

Extruded polystyrene

NV L

Technical properties

Property	Value					Unit	Norm
	40	50	60	80	100		
Thickness	40	50	60	80	100	mm	EN 823
Width	0,60	0,60	0,60	0,60	0,60	m	EN 822
Length	1,25	1,25	1,25	1,25	1,25	m	EN 822
Fire	E	E	E	E	E		EN 13501
Thermal conductivity (10 °C/90 days)	0,034	0,034	0,034	0,034	0,034	W/(m·K)	EN12667 / EN12939
Thermal resistance (RD)	1,20	1,50	1,80	2,20	2,80	W/(m·K)	EN 13164
Thickness tolerance	+2 / -2	+2 / -2	+2 / -2	+2 / -2	+2 / -2	mm	EB 823
Squareness (Sb)	5	5	5	5	5	mm/m	En 824
Flatness (S max)	7	7	7	7	7	m	EN 825
Dimensional Stability 23°C and 90%	≤5%	≤5%	≤5%	≤5%	≤5%	%	EN 1604
Deformation under compressive load and temperature conditions	≤5%	≤5%	≤5%	≤5%	≤5%	70°/168h/ 40kPa	EN 1605
Tensile strength perpendicular to faces	>100	>100	>100	>100	>100	kPa	En 1607
Compressive stress	≥500	≥500	≥500	≥500	≥500	kPa	EN 826
Compressive creep	175	175	175	175	175	kPa	EN 12431
Long term water absorption by immersion (Wp)	≤0,7	≤0,7	≤0,7	≤0,7	≤0,7	%	EN 12087
Long term water absorption by diffusion (Wd)	3	3	3	3	3	%	En 12088
Freeze-thaw resistance (10)	<10	<10	<10	<10	<10	%	EN 12088
Freeze-thaw resistance (Wlt)	≤1	≤1	≤1	≤1	≤1	%	EN 12088
Lateral finish	half lap joint	half lap joint	half lap joint	half lap joint	half lap joint		

Designation Code:

Thickness ≥40 mm: T1-CS(10/Y)500-DLT(2)5-DS(TH)-WL(T)0,7-WD(V)3-FT2

Thickness ≥50 mm: T1-CS(10/Y)500-DLT(2)5-DS(TH)-WL(T)0,7-C(2/1,5/50)175-WD(V)3-FT2

ACERMI Certification Number: 03/020/466

The technical information contained in this document reflects our knowledge and actual experience.

If you require more information, please, contact with us.

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