URSA XPS

N-RG I

DoP 33XPSNRG3017041

CO2 blown URSA XPS extruded polystyrene panel, compliant with EN 13,164 standard, with 0.033 W/mK / 0.036 W/mK thermal conductivity, 300 kPa compression strength, rough grooved surface and straight lateral edge.

Recommended application

- Thermal bridges. External insulation of façades (ETICS)

300 kPa

ÉMISSIONS DANS L'AIR INTÉRIEUR A+ (A+ A B C)

The Emblem of Guarantee of Environmental Quality
> 60% recycled plastic materials contain
270/001

07/020/1282

Panel

Code	Thermal conductivity W/m·K	Thickness mm	Width m	Lenght m	Dis.	Units/pack	m²/ Pack	m²/ palet	Thermal resistance m²·K/W
2121877	0,034	40	0,60	1,25	S	10	7,50	90,00	1,20
2138514	0,034	50	0,60	1,25	C	8	6,00	72,00	1,50
2138515	0,034	60	0,60	1,25	S	7	5,25	63,00	1,80
2138516	0,036	70	0,60	1,25	C	6	4,50	54,00	1,95
2138517	0,036	80	0,60	1,25	S	5	3,75	45,00	2,20
2138518	0,036	90	0,60	1,25	C	4	3,00	42,00	2,50
2138486	0,036	100	0,60	1,25	S	4	3,00	36,00	2,80
2138531	0,036	110	0,60	1,25	C	3	2,25	31,50	3,05
2138532	0,036	120	0,60	1,25	S	3	2,25	31,50	3,35

Technical characteristics

Thermal conductivity Thickness ≤ 60	EN 12667 EN 12939	0,034 W/m·K
Thermal conductivity Thickness 70-120		0,036 W/m·K
Reation to fire (Euroclases)	EN 13501-1	E
Compressive strenght	EN 826	300 kPa
Compression fluency (2% in 50 years)	EN 1606	125 kPa
Tensile strength	EN 1607	TR400
Dimensional stability at temperature and specified humidity (23°C and 90%)	EN 1603	DS(TH) ≤ 0,2%
	EN 1604	DS(TH) <0,5%
Deformation by charge and temperature	EN 1605	≤5%
Thickness tolerance	EN 823	T3

Width	EN 822	600 mm (±1mm)
Quadrature	EN 824	± 5 mm/m
Shear strength	EN 12090:2013	>0,29 N/mm²
Modulus of elasticity in shear	EN 12090:2013	>4 N/mm²
Water vapor diffusion resistivity factor μ	EN 12086:2013	89,9
Absorption by long-term total immersion	EN 12087	≤ 0,7%
Absorption by short-term partial immersion	EN 1609:2013	0,08 kg/m²
Freeze - unfreeze resistance	EN 12091	FTCD1
Approximate nominal density		31 Kg/m³
Approximate specific heat (C_p)		1450 J/Kg·K

Designation code **Thickness 40** XPS-EN 13164-T3-CS(10/Y)300-DS(70/90)-DLT(2)5-WL(T)0,7-WD(V)3- FTCD1
Thickness ≥ 50 XPS-EN 13164-T3-CS(10/Y)300-DS(70/90)-DLT(2)5-WL(T)0,7-WD(V)3-CC(2/1,5/50)125-FTCD1

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