

XPS SL

Description

XPS SL is a rigid thermal insulation board made of extruded polystyrene (XPS) foam produced according to climate-friendly CO₂ technology.

XPS SL is mainly used as thermal insulation including flat and pitched roofs, floors and underground constructions.

On flat roofs it's used in combination with a SOPREMA waterproofing system and ROOF 115, a water-draining, vapour-permeable, separation layer. The system must be ballasted.

Packing & Storage

	XPS SL										
Thickness (mm)	30	40	50	60	80	100	120	140	160	180	
Boards/pack	14	10	8	7	5	4	3		2		
m ² /pack	10,50	7,50	6,00	5,25	3,75	3,00	2,25		1,50		
Packs/pallet	12						14	12	16	14	
m ² /pallet ⁽¹⁾	126,0	90,0	72,0	63,0	45,0	36,0	31,5	27,0	24,0	21,0	

(1) In addition to the default pallet, there is also a "jumbo" pack, composed of 2x2 pallets.

Store the insulation boards on a flat surface, keep dry and protected from sunlight.

Characteristics

	XPS SL	
Thermal conductivity (W/(m.K))	30 - 60 mm	0,034
	70 - 120 mm	0,036
	130 - 180 mm	0,038
Length (mm)	1250 ± 8	
Width (mm)	600 ± 8	
Density (kg/m ³)	35 ± 15 %	
Edge profile	rebate edge	
Surface	smooth with skin	
Compressive strength at 10% deformation (kPa) (EN 826)	≥ 300	
Dimensional stability (EN 1604)	DS(70,90)	
Long term water absorption by immersion (EN 12088)	WL(T)0,7	
Reaction to fire (Euroclass)	E	

Thickness (mm)	Thermal resistance (R _D) (m ² .K/W)
30	0,90
40	1,20
50	1,50
60	1,80
80	2,20

Thickness (mm)	Thermal resistance (R _D) (m ² .K/W)
100	2,80
120	3,35
140	3,70
160	4,25
180	4,75

SOPREMA reserves the right to amend the composition of its material and consequently their prices, without prior notice. For this reason, all orders will be accepted only in accordance with the conditions and technical specifications in force at the date of order.

Installation

Always consult the local regulations and installation guidelines of the manufacturer.
After installation the insulation boards must be protected against weather conditions.

Certifications

AT 5/12-2291
DTA 5/13-2333
Acermi 04/107/484
Aenor 020/003799
ATG H892

Special indications

Health, Environment and Safety

The product does not contain any substance which is likely to be detrimental to health or to environment and complies with generally admitted Health and Safety Requirements.
For more information, please refer to the relevant safety data sheet.

Quality-, Environment- and Safety Management

SOPREMA has always attached the highest importance to the quality of the products, the environment and safety.

For this reason, we operate independently monitored Quality and Environment Assurance Systems in line with **EN ISO 9001** and **EN ISO 14001**.



Marnix DERKS
Technical Director
Grobbendonk, 20/06/2017

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