

SOPRA XPS SL

Description

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

SOPRA XPS SL is mainly used as thermal insulation including flat and pitched roofs, floors and underground constructions. On flat roofs the system must be ballasted.

Packing & Storage

Thickness (mm)	Boards/pack	m ² /pack	Boards/pallet ⁽¹⁾	m ² /pallet ⁽¹⁾	Thermal resistance (R _D) (m ² .K/W)
30	14	10,50	168	126,0	0,90
40	10	7,50	120	90,0	1,20
50	8	6,00	96	72,0	1,50
60	7	5,25	84	63,0	1,80
80	5	3,75	60	45,0	2,40
100	4	3,00	48	36,0	2,95
120	3	2,25	42	31,5	3,55
140	3	2,25	36	27,0	4,00
160	2	1,50	32	24,0	4,55
180	2	1,50	28	21,0	5,10
200	2	1,50	24	18,0	5,70
220	2	1,50	24	18,0	6,10
240	1	0,75	20	15,0	6,65
260	1	0,75	18	13,5	7,20
280	1	0,75	16	12,0	7,75
300	1	0,75	16	12,0	8,30

(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, protected from sunlight and temperatures above 75 °C.

Characteristics

Thermal conductivity (W/(m.K)) (EN 12667)	30 – 80 mm 85 – 120 mm 130 – 200 mm 210 – 300 mm	0,033 0,034 0,035 0,036
Length (mm) (EN 822)		1250 ± 8
Width (mm) (EN 822)		600 ± 8
Density (kg/m ³)		30-35
Edge profile		rebate
Surface		smooth
Compressive strength at 10% deformation (kPa) (EN 826)		CS(10\Y)300
Dimensional stability (%) (EN 1604)		DS(70,90)5
Long term water absorption by immersion (%) (EN 12087)		WL(T)0,7
Reaction to fire (EN 13501-1)		E
Water vapour permeability (μ) (EN 12086)		150
Tensile strength perpendicular to faces (kPa) (EN 1607)		TR200
Compressive creep (kPa) (EN 1606)	60 - 120 mm 130 - 300 mm	CC(2/1,5/50)130 NPD

NPD = no performance determined

Installation

Use a suitable adhesive for adhesion to underground walls.

Always consult the local regulations and contact the manufacturer for technical questions.

Immediately after installation the insulation boards must be protected against weather conditions, sunlight and temperatures above 75 °C.

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.

Contact: www.soprema.com

Certifications

ATG H892 (B)

ATG 3135 (B)

KOMO K98585 (NL)

KOMO K98586 (NL)

KOMO K98587 (NL)

KOMO K98588 (NL)

KEYMARK (EU)

See certificates for more information.

Special indications

Hygiene, Health and Environment

The product does not contain any substance which is likely to be detrimental to your health or to the environment and complies with generally admitted Health and Safety Requirements.

Quality-, Environment- and Safety Management

SOPREMA always recognises as a high level of importance 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**.