

XPS SL ARTIC

Description

XPS SL ARTIC is a rigid thermal insulation board made of extruded polystyrene (XPS) foam with improved λ . **XPS SL ARTIC** 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	1,05
40	10	7,50	120	90,0	1,40
50	8	6,00	96	72,0	1,75
60	7	5,30	84	63,0	2,10
80	5	3,80	60	45,0	2,75
100	4	3,00	48	36,0	3,45
120	3	2,25	42	31,5	4,15
140	3	2,25	36	27,0	4,80
160	2	1,50	32	24,0	5,50
180	2	1,50	28	21,0	5,80
200	2	1,25	24	15,0	6,45

(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

Thermal conductivity (W/(m.K)) (EN 12667)	30 - 160 mm 170 - 200 mm	0,029 0,031
Length (mm) (EN 822)		1250 ± 8
Width (mm) (EN 822)	30 - 180 mm 190 - 200 mm	600 ± 8 500 ± 8
Density (kg/m ³)		35 +/- 15 %
Edge profile		rebate edge
Surface		smooth
Compressive strength at 10% deformation (kPa) (EN 826)		CS(10\Y)300
Dimensional stability (EN 1604)		DS(70,90)
Long term water absorption by immersion (%) (EN 12087)		WL(T)0,7
Reaction to fire (Euroclass)		E
Water vapour permeability (μ) (EN 12086)		NPD
Tensile strength perpendicular to faces (kPa) (EN 1607)		TR200
Compressive creep (EN 1606)		NPD

NPD = no performance determined

Installation

Always consult the local regulations and contact the manufacturer for technical questions. After installation the insulation boards must be protected against weather conditions and sunlight.

Certifications

BBA 18/5489 (UK)

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**.

