

SOPRA XPS PROTECT ARTIC C

Description

SOPRA XPS PROTECT Artic C is a rigid thermal insulation board made of extruded polystyrene (XPS) foam with on one side a hard cement-based facing.

SOPRA XPS PROTECT Artic C is mainly used as thermal insulation for upstands of flat roofs and underground walls.

Packing & Storage

Thickness (mm) ⁽¹⁾	Boards / pack	m ² / pack	Thermal resistance (R _D) (m ² .K/W) ⁽²⁾
50	44	31,15	1,75
60	38	26,90	2,10
80	28	19,82	2,75
100	22	15,58	3,45
120	18	12,74	4,15

(1) Thickness insulation: the thickness of the cement-based facing (3 mm) is to be added.

(2) Insulation (see declaration of performances INSES0106)

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) ⁽³⁾	0,029
Length (mm) (EN 822)	1200 ± 8
Width (mm) (EN 822)	590 ± 8
Density (kg/m ³) ⁽³⁾	35 +/- 15 %
Edge profile	rebate
Surface ⁽³⁾	smooth
Compressive strength at 10% deformation (kPa) (EN 826) ⁽³⁾	CS(10\Y)300
Dimensional stability (EN 1604) ⁽³⁾	DS(70,90)
Long term water absorption by immersion (%) (EN 12087) ⁽³⁾	WL(T)0,7
Reaction to fire (EN 13501-1) ⁽³⁾	E
Water vapour permeability (μ) (EN 12086) ⁽³⁾	NPD
Tensile strength perpendicular to faces (kPa) (EN 1607) ⁽³⁾	TR200
Compressive creep (kPa) (EN 1606) ⁽³⁾	NPD

NPD = no performance determined

(3) Insulation (see declaration of performances INSES0106)

Installation

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.

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**.