

## XPS PROTECT Artic C

### Description

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.

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

### Packing & Storage

Thickness (mm) <sup>(1)</sup>	Boards/pallet	m <sup>2</sup> /pallet	Thermal resistance (R <sub>D</sub> ) (m <sup>2</sup> .K/W) <sup>(2)</sup>
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 and protected from sunlight.

### Characteristics

Thermal conductivity (W/(m.K)) <sup>(3)</sup>	0,029
Length (mm)	1200 ± 8
Width (mm)	590 ± 8
Density (kg/m <sup>3</sup> )	35 +/- 15 %
Edge profile	rebate edge
Surface	smooth
Compressive strength at 10% deformation (kPa) (EN 826) <sup>(3)</sup>	≥ 300
Dimensional stability (EN 1604) <sup>(3)</sup>	DS(70,90)
Long term water absorption by immersion (EN 12087) <sup>(3)</sup>	WL(T)0,7
Reaction to fire (Euroclass) <sup>(3)</sup>	E

(3) Insulation (see declaration of performances INSES0106)

### 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

**ACERMI 08/107/532**

### 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.

For more information, please refer to the relevant safety data sheet.

#### 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**.

**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](http://www.Soprema.com)