

## SOPRA XPS CB

### Description

**SOPRA XPS CB** is a rigid thermal insulation board made of extruded polystyrene (XPS) foam produced according to climate-friendly CO<sub>2</sub> technology.

**SOPRA XPS CB** is mainly used as thermal insulation of interior walls. The rough surface of the panel allows interior plastering.

### Packing & Storage

Thickness (mm)	Boards/pack	m <sup>2</sup> /pack	Boards/pallet <sup>(1)</sup>	m <sup>2</sup> /pallet <sup>(1)</sup>	Thermal resistance (R <sub>D</sub> ) (m <sup>2</sup> ·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	2,25
100	4	3,00	48	36,0	2,85
120	3	2,25	42	31,5	3,40

(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 – 60 mm 70 - 120 mm	0,033 0,035
Length (mm) (EN 822)		1250 ± 8
Width (mm) (EN 822)		600 ± 8
Density (kg/m <sup>3</sup> )		30-35
Edge profile		straight edge
Surface		rough
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 (EN 13501-1)		E
Water vapour permeability (μ) (EN 12086)		150
Tensile strength perpendicular to faces (kPa) (EN 1607)		TR200
Compressive creep (EN 1606)	60 - 120 mm	CC(2/1,5/50)130

### Installation

Use a suitable adhesive for adhesion to underground walls.

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.

### 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**.