

## SOPRA XPS CW

### Description

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

**SOPRA XPS CW** is mainly used as thermal insulation including pitched roofs and facades.

### 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	21,0	168	252	0,90
40	10	15,0	120	180	1,20
50	8	12,0	96	144	1,50
60	7	10,5	84	126	1,80
80	5	7,5	60	90	2,25
100	4	6,0	48	72	2,85
120	3	4,5	42	63	3,40
140	3	4,5	36	54	4,00
160	2	1,5	28	42	4,55

(1) In addition to the default pallet, there is also a "jumbo" pack, composed of 2x1 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 – 200 mm	0,033 0,035
Length (mm) (EN 822)		2500 ± 10
Width (mm) (EN 822)		600 ± 8
Density (kg/m <sup>3</sup> )		30-35
Edge profile		tongue-groove
Surface		smooth
Compressive strength at 10% deformation (kPa) (EN 826)		CS(10Y)250
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)		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.

After installation the insulation boards must be protected against weather conditions and sunlight.

### Certifications

**ATG H892 (B)**  
**ATG 3114 (B)**  
**KOMO K 98581 (NL)**  
**KEYMARK (EU)**

See certificates for more information.



## Special indications

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### 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**.

