

## XPS 700

### Description

**XPS 700** is a rigid thermal insulation board made of extruded polystyrene (XPS) foam produced according to climate-friendly CO<sub>2</sub> technology.

**XPS 700** is mainly used as thermal insulation including floors and car parks where a very high compressive strength is required.

### Packing & Storage

	XPS 700		
Thickness (mm)	60	80	100
Boards/pack	7	5	4
m <sup>2</sup> /pack	5,25	3,75	3,00
Packs/pallet	12		
m <sup>2</sup> /pallet <sup>(1)</sup>	63,0	45,0	36,0

(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

	XPS 700	
Thermal conductivity (W/(m.K))	60 mm 70 - 100 mm	0,034 0,036
Length (mm)		1250 ± 8
Width (mm)		600 ± 8
Density (kg/m <sup>3</sup> )		40 ± 15 %
Edge profile		rebate edge
Surface		smooth with skin
Compressive strength at 10% deformation (kPa) (EN 826)		≥ 700
Dimensional stability (EN 1604)		DS(70,90)
Long term water absorption by immersion (EN 12088)		WL(T)0,7
Reaction to fire (Euroclass)		E
Thermal resistance (m <sup>2</sup> .K/W)	60 mm 80 mm 100 mm	1,80 2,20 2,80

**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.

## Installation

---

Always consult the local regulations and installation guidelines of the manufacturer.  
After installation the insulation boards must be protected against weather conditions.

## Special indications

---

### Health, Environment and Safety

The product does not contain any substance which is likely to be detrimental to health or to 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** has always attached the highest importance to 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**.

### Health, Environment and Safety

The product does not contain any substance which is likely to be detrimental to health or to 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** has always attached the highest importance to 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**.



Marnix DERKS  
Technical Director  
Grobbendonk, 20/06/2017

**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.