



**PRODUCTS**

Thermal insulation  
for buildings

Extruded  
polystyrene  
(XPS)

XPS RANGE

May 2017



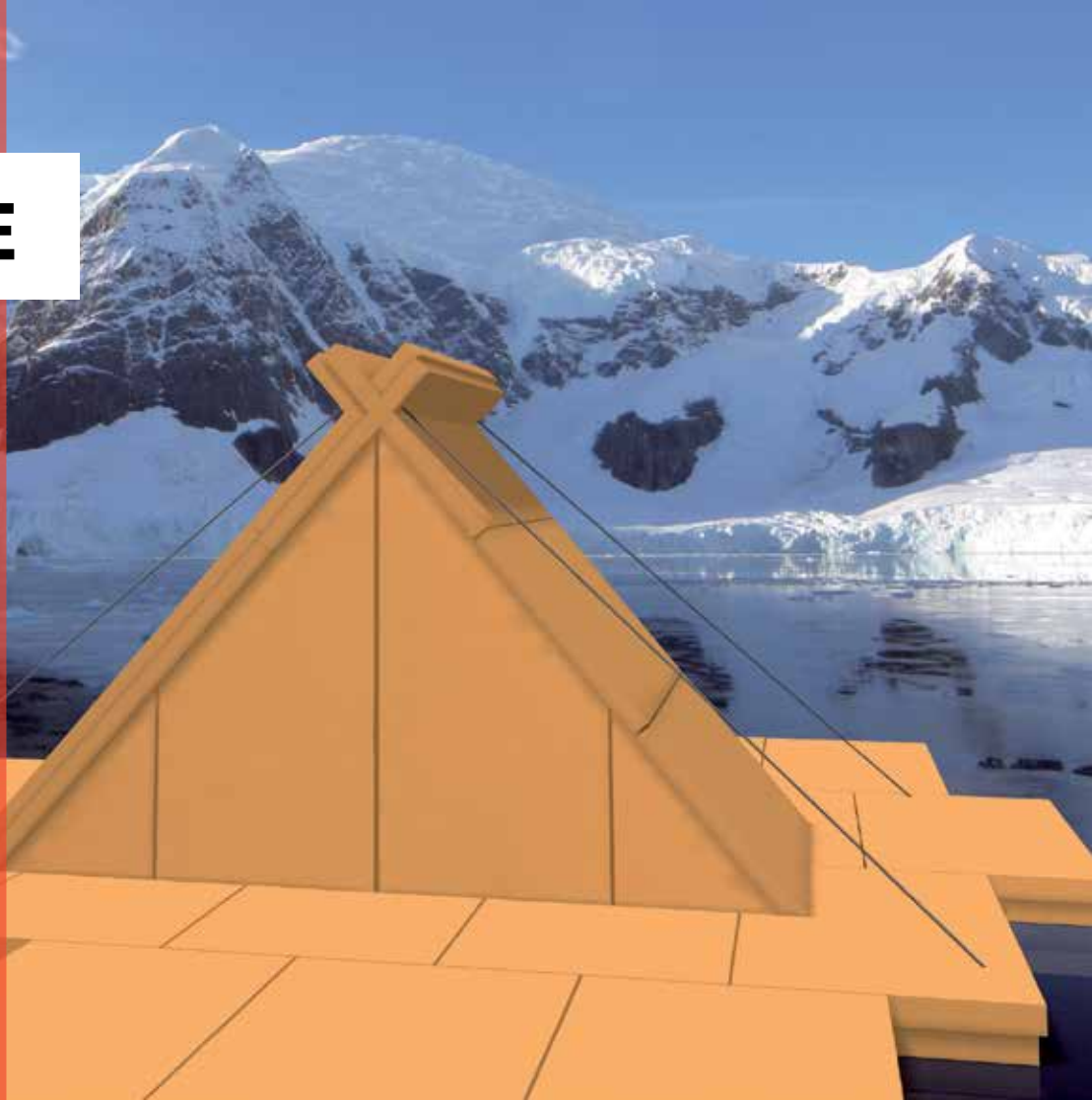
# XPS RANGE



EFYOS extruded polystyrene provides optimum thermal insulation against cold and heat, which makes it a product that is highly suitable for insulating buildings in all kinds of climactic regions. Buildings insulated with EFYOS are highly energy-efficient as they enable a substantial level of energy-saving while maintaining the maximum level of comfort indoors, both in summer and winter.

Thanks to the high insulating capabilities of EFYOS extruded polystyrene, the energy required for climate control in the property - whether heating or air conditioning - is drastically reduced.

EFYOS extruded polystyrene not only helps to conserve energy and protect the environment, but also helps to protect the building from possible damp and damage to other materials by reducing expansion caused by sudden changes in temperature.





### **ADVANTAGES**

The extruded polystyrene foam (XPS) is a rigid thermoplastic insulation material with a closed-cell structure, which makes it a product with excellent thermal and mechanical properties.

#### **Compressive strength**

The closed-cell structure of XPS imparts excellent long-term strength and durability. Products are available in a range of compressive strength to suit varied application needs.

- 25 t/m<sup>2</sup> 30 t/m<sup>2</sup> for use across a range of construction and building applications.
- 50 t/m<sup>2</sup> for use in high loading situations such as garages and warehouses with heavy passing traffic.

#### **Moisture resistance**

The closed-cell structure and lack of voids in XPS makes it practically impervious to water and water vapour, making it an outstanding insulation material, especially for roofs and below grade applications.

#### **Thermal resistance**

XPS EFYOS products have a great insulating power. Buildings insulated with XPS EFYOS are highly energy-efficient and are able to maintain the maximum level of comfort indoors.

**CE**



## PRODUCTS

### XPS SL: inverted roof and floor insulation.

Code	Dimensions mm	Thickness mm	R <sub>D</sub>	Boards per pack	m <sup>2</sup> per pack	Packs per pallet	m <sup>2</sup> per pallet
00104671	1250 x 600 (0,75 m <sup>2</sup> )	30	0,90	14 boards per pack	10,50	12	126,00
00104672		40	1,20	10 boards per pack	7,50	12	90,00
00104673		50	1,50	8 boards per pack	6,00	12	72,00
00104674		60	1,80	7 boards per pack	5,25	12	63,00
00105384 (*)		70	1,95	6 boards per pack	4,50	12	54,00
00104675		80	2,20	5 boards per pack	3,75	12	45,00
00104676		100	2,80	4 boards per pack	3,00	12	36,00
00104677 (*)		120	3,35	3 boards per pack	2,25	14	31,50



### XPS CR

Code	Dimensions mm	Thickness mm	R <sub>D</sub>	Boards per pack	m <sup>2</sup> per pack	Packs per pallet	m <sup>2</sup> per pallet
00104715	1250 x 600 (0,75 m <sup>2</sup> )	30	0,90	14 boards per pack	10,50	12	126,00
00104716		40	1,20	10 boards per pack	7,50	12	90,00
00104717		50	1,50	8 boards per pack	6,00	12	72,00
00104718		60	1,80	7 boards per pack	5,25	12	63,00
00104719 (*)		80	2,20	5 boards per pack	3,75	12	45,00
00105408 (*)		100	2,80	4 boards per pack	3,00	12	36,00



### XPS TR: pitched roof board. Grooved surface.

Code	Dimensions mm	Thickness mm	R <sub>D</sub>	Boards per pack	m <sup>2</sup> per pack	Packs per pallet	m <sup>2</sup> per pallet
00105399	1250 x 600 (0,75 m <sup>2</sup> )	40	1,20	10 boards per pack	7,50	12	90,00
00105400		50	1,50	8 boards per pack	6,00	12	72,00
00105401		60	1,80	7 boards per pack	5,25	12	63,00
00105404		80	2,20	5 boards per pack	3,75	12	45,00
00105405 (*)		100	2,80	4 boards per pack	3,00	12	36,00



### XPS CW: insulation for walls.

Code	Dimensions mm	Thickness mm	R <sub>D</sub>	Boards per pack	m <sup>2</sup> per pack	Packs per pallet	m <sup>2</sup> per pallet
00104686	2500 x 600 (1,50 m <sup>2</sup> )	30	0,90	14 boards per pack	21,00	12	252,00
00104687		40	1,20	10 boards per pack	15,00	12	180,00
00104688		50	1,50	8 boards per pack	12,00	12	144,00
00104689		60	1,80	7 boards per pack	10,50	12	126,00
00104690		80	2,20	5 boards per pack	7,50	12	90,00
00104691		100	2,80	4 boards per pack	6,00	12	72,00
00104692 (*)		120	3,35	3 boards per pack	4,50	14	63,00



Other thickness may be available upon request.

(\*) Made to order.

R<sub>D</sub>: Thermal resistance (m<sup>2</sup> K/W)

## PRODUCTS

### XPS PM: insulation for walls.

Code	Dimensions mm	Thickness mm	R <sub>0</sub>	Boards per pack	m <sup>2</sup> per pack	Packs per pallet	m <sup>2</sup> per pallet
00104693	1250 x 600 (0,75 m <sup>2</sup> )	30	0,90	14 boards per pack	10,50	12	126,00
00104694		40	1,20	10 boards per pack	7,50	12	90,00
00104695		50	1,50	8 boards per pack	6,00	12	72,00
00104696		60	1,80	7 boards per pack	5,25	12	63,00
00104697		80	2,20	5 boards per pack	3,75	12	45,00
00105437 (*)		100	2,80	4 boards per pack	3,00	12	36,00



### XPS CB: External Thermal Insulation Composite System (ETICS)

Code	Dimensions mm	Thickness mm	R <sub>0</sub>	Boards per pack	m <sup>2</sup> per pack	Packs per pallet	m <sup>2</sup> per pallet
00105301 (*)	1250 x 600 (0,75 m <sup>2</sup> )	30	0,90	14 boards per pack	10,50	12	126,00
00105441 (*)		40	1,20	10 boards per pack	7,50	12	90,00
00105443 (*)		50	1,50	8 boards per pack	6,00	12	72,00
00105442 (*)		60	1,80	7 boards per pack	5,25	12	63,00
00105445 (*)		80	2,20	5 boards per pack	3,75	12	45,00
00105448 (*)		100	2,80	4 boards per pack	3,00	12	36,00



### XPS 500: floor insulation. Very high loading situations.

Code	Dimensions mm	Thickness mm	R <sub>0</sub>	Boards per pack	m <sup>2</sup> per pack	Packs per pallet	m <sup>2</sup> per pallet
00104699 (*)	1250 x 600 (0,75 m <sup>2</sup> )	40	1,20	10 boards per pack	7,50	12	90,00
00104700 (*)		50	1,50	8 boards per pack	6,00	12	72,00
00104701 (*)		60	1,80	7 boards per pack	5,25	12	63,00
00104702 (*)		80	2,20	5 boards per pack	3,75	12	45,00
00104703 (*)		100	2,80	4 boards per pack	3,00	12	36,00



Other thickness may be available upon request.

(\*) Made to order.

R<sub>0</sub>: Thermal resistance (m<sup>2</sup> K/W)



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