





EXTRUDED POLYSTYRENE FOAM (XPS) INSULATING PANELS

CCMC 14149-L

PRODUCT NAME	SOPRA-XPS 20 (with shiplap or square/ butt edges)	SOPRA-XPS 20 (with slotted edges)	SOPRA-XPS 30 (with shiplap or square/butt edges)	SOPRA-XPS 40 (with square edges)	SOPRA-XPS 60 (with square edges)
USES	SOPRA-XPS 20 is designed for the insulation of exterior walls, whether they are above or below grade. It can also be used under concrete slabs for residential applications.	SOPRA-XPS 20 with slotted edges is perfect to insulate interior residential basement walls. Its slotted edges are specially designed to fit a 1 × 3 in wood furring strip	SOPRA-XPS 30 is designed for the insulation of walls above and below the foundation and under the foundation slabs.	SOPRA-XPS 40 and 60 are designed for heavy load applications requiring high-density insulation. These include inverted roofs, such as green roofs and roof terraces, as well as certain applications under foundation slabs that support dead or live heavy loads.	
AVAILABLE STANDARD SIZES*	Square/butt edges: 2 × 8 ft Shiplap edges: 2 × 8 ft, 4 × 8 ft, and 4 × 9 ft	2 × 8 ft	2 × 8 ft 4 × 8 ft	2 × 8 ft	2 × 8 ft
AVAILABLE STANDARD THICKNESSES*	Square/butt edges: 2 × 8 ft: 1, 2, and 3 in (25, 51, and 76 mm) Shiplap edges: 2 × 8 ft: 1, 2, and 3 in (25, 51, and 76 mm) 4 × 8 ft: 1, 1.5, and 2 in (25, 38, and mm) 4 × 9 ft: 1 in (25 mm)	1.5 and 2 in	 Shiplap edges: 1, 1.5, 2, 2.5, 3, and 4 in  Square/butt edges: 1, 1.5, 2, 3, and 4 in	 Square/butt edges: 1, 1.5, 2 and 3 in	 Square/butt edges: 1, 1.5, 2 and 3 in
MAXIMUM SERVICE TEMPERATURE	75 °C (167 °F)	75 °C (167 °F)	75 °C (167 °F)	75 °C (167 °F)	75 °C (167 °F)
TYPE ACCORDING TO ASTM C578	XIII	XIII	IV	VI	VII
MIN. COMPRESSIVE STRENGTH (ASTM D1621)	138 kPa (20 psi)	138 kPa (20 psi)	210 kPa (30 psi)	276 kPa (40 psi)	414 kPa (60 psi)
THERMAL RESISTANCE (ASTM C518 OR C177)	RSI- 0,88 (R – 5.0)	RSI- 0,88 (R – 5.0)	RSI- 0,88 (R – 5.0)	RSI- 0,88 mm (R – 5.0)	RSI- 0,88 mm (R – 5.0)
WATER ABSORPTION (ASTM D2842)	0.7	0.7	0.7	0.6	0.55
WATER VAPOUR PERMEANCE (ASTM E96 B)	57 ng/Pa•s•m ² (1.0 perm)	57 ng/Pa•s•m ² (1.0 perm)	52 ng/Pa•s•m ² (0.9 perm)	52 ng/Pa•s•m ² (0.9 perm)	52 ng/Pa•s•m ² (0.9 perm)
DIMENSIONAL STABILITY (ASTM D2126)	1.50%	1.50%	1.50%	1.50%	1.50%
FLEXURAL STRENGTH (ASTM D203)	500 kPa (73 psi)	500 kPa (73 psi)	550 kPa (80 psi)	800 kPa (116 psi)	1000 kPa (145 psi)
LIMITING OXYGEN INDEX (ASTM D2863)	24%	24%	24%	24%	24%
GLOBAL RECYCLED CONTENT**	69%	69%	69%	69%	57%

*Other dimensions and thicknesses available upon request.

**The recycled content varies according to the compression range. The global recycled content is made of one part of post-consumer and pre-consumer content validated by CT Consultants, and another part which accounts for the manufacturing recovery value. The specific details of the products covered by this validation can be found in the recycled content certificate available on our website.