



INSULATION

APPLICATIONS

ROOFS

SOPRA-XPS 35

TECHNICAL DATA SHEET 180529SCANE

(supersedes -170214SCANE)

DESCRIPTION

SOPRA-XPS 35 is a rigid thermal insulation board made of extruded polystyrene composed of closed cell foam.

SOPRA-XPS 35 is available with shiplap edges on all four sides in several thickness and square edges in the thickness of 25 mm (1 in).

It is mainly used as a thermal insulation for **SOPREMA** protected-membrane roofing systems (inverted roofs).

SOPRA-XPS 35 does not have any CFC and HCFC - Zero ozone depletion potential.

Minimum 20% recycled content pre-consumer (post industrial).

INSTALLATION

The printed side of SOPRA-XPS 35 insulating boards must be installed directly on the substrate.

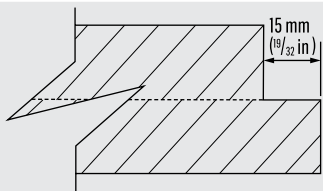
LOOSE LAID

Boards are laid flat on the roof. When another layer of SOPRA-XPS 35 insulation is required, it should be installed with staggered joints without being adhered to the first layer. If necessary, use an adhesive compatible with extruded polystyrene to hold the panels together temporarily.

Maximum service temperature: 75 °C (167 °F).

FOR COMPLETE INFORMATION ON PRODUCT INSTALLATION, PLEASE CONSULT YOUR SOPREMA REPRESENTATIVE.

PACKAGING

Specifications	SOPRA-XPS 35
Available thicknesses* for shiplap boards	38 mm (1.5 in) 51 mm (2 in) 64 mm (2.5 in) 76 mm (3 in) 89 mm (3.5 in) 102 mm (4 in)
Available thicknesses* for square boards	25 mm (1 in)
Dimensions of the boards*	2438 mm X 610 mm (8 x 2 ft)
Shiplap dimensions	
Colour	Light orange

*Other thicknesses and dimensions available upon request.
(All values are nominal)



SYSTÈME QUALITÉ
ISO 9001
QUALITY SYSTEM



SYSTÈME ENVIRONNEMENT
ISO 14001
ENVIRONMENT SYSTEM



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SOPRA-XPS 35



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PROPERTIES

SOPRA-XPS 35 meets the requirements of CAN/ULC S701.1 Type 4 (ASTM C578-14 Type IV).

Properties	Standards	SOPRA-XPS 35
Thermal Resistance (RSI-Value [R Value] / 25.4 mm [1 in] @ 24 °C [75 °F])	ASTM C518	RSI- 0.88 (R – 5.0)
Water Vapour Permeance	ASTM E96	34 ng/Pa·m ² ·s (0.6 perm)
Dimensional Stability	ASTM D2126	Pass
Min. Flexural Strength	ASTM C203	350 kPa (51 psi)
Water Absorption, % by volume, max.	ASTM D2842	0.4
Min. Compressive Strength	ASTM D1621	241 kPa (35 psi)
Limiting Oxygen Index	ASTM D2863	29 %

(All values are nominal)

STORAGE AND HANDLING

SOPRA-XPS 35 thermal insulation boards are covered with a temporary waterproof packaging for handling the panels in the manufacturing plant and during transit.

SOPRA-XPS 35 thermal insulation boards must be stored on a flat substrate, protected from UV and sheltered from inclement weather. As they are flammable, they must be protected and kept away from flames and intense heat sources during transportation, handling, storage, and installation.



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