



INSULATION

SOPRA-XPS

THERMAL INSULATION PANELS COMPOSED OF EXTRUDED POLYSTYRENE

A STRONG AND VERSATILE INSULATION

Extruded polystyrene panels are the perfect multi-use insulation, with applications in inverted roofing membrane assemblies (IRMA roofs), foundations, walls and civil engineering projects.

EXCEPTIONAL PERFORMANCE

Thanks to its dense closed-cell composition, SOPRA-XPS has a consistent long-term R-value (LTTR) of 5 per inch, even at low temperatures, and offers one of the greatest compression strengths in the market. Furthermore, its outstanding resistance to water and moisture makes it an ideal choice in all applications, even in areas exposed to moisture. Finally, it adapts to temperature changes in winter climates and freeze-thaw cycles. Even when exposed to moisture, SOPRA-XPS is mold and bacteria resistant.

HIGH RECYCLED CONTENT

SOPREMA is the leading XPS insulation manufacturer in terms of recycled content. Thanks to SOPREMA's exclusive and innovative process, the SOPRA-XPS line now contains up to **70%** recycled content**.

Part of the recycled content in SOPRA-XPS products – post-consumer and pre-consumer recycled content – has been validated by an independent third party, CT Consultants, an expert in environmental life cycle analysis, all in accordance with ISO 14020/21 and ISO 7000-1135 standards. This is a major advantage when it comes to obtaining LEED certification.

A NEW ECO-FRIENDLIER FORMULA

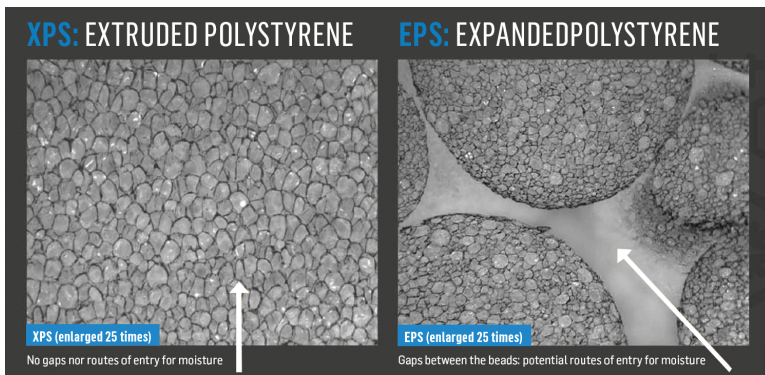


Thanks to its new, more eco-friendly formula, the SOPRA-XPS line is now produced without any blowing agent that has a global warming potential above 50. The new formulation will have no effect on the ozone depletion potential and a much lower global warming potential. In fact, the impact on the global warming potential is reduced by more than 95%*.

GREENGUARD GOLD



In addition, SOPRA-XPS is GREENGUARD Gold-certified, which shows that the products meet very strict criteria and its formulation takes into account challenging safety factors in terms of volatile organic compound (VOC) emissions, which has a significant impact on improving indoor air quality.



SOPRA-XPS PRODUCT LINE

NAME	APPLICATION(S)	COMPRESSIVE STRENGTH	TYPE ACCORDING TO ASTM C578-14	GLOBAL RECYCLED CONTENT**
SOPRA-XPS 20	SOPRA-XPS 20 is designed for the insulation of above-grade exterior walls, but also for residential applications on exterior foundation walls and under foundation slabs.	20 psi (138 kPa)	Type X	69 %
SOPRA-XPS 25 CW	SOPRA-XPS 25 CW is ideal for the insulation of cavity walls. Thanks to its convenient sizes and thicknesses, it fits perfectly between wall ties.	25 psi (172 kPa)	Type IV	68 %
SOPRA-XPS 30	SOPRA-XPS 30 is designed for the insulation of exterior foundation walls and under foundation slabs.	30 psi (210 kPa)	Type IV	69 %
SOPRA-XPS 35	SOPRA-XPS 35 is ideal for the insulation of new or refurbished inverted roofs to improve their thermal resistance.	35 psi (241 kPa)	Type IV	70 %
SOPRA-XPS 40	SOPRA-XPS 40, 60 and 100 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.	40 psi (275 kPa)	Type VI	69 %
SOPRA-XPS 60		60 psi (415 kPa)	Type VII	57 %
SOPRA-XPS 100		100 psi (690 kPa)	Type V	68 %

* The global warming potential for an extruded polystyrene insulation panel manufactured with HFC-134a gas is approximately 1,350. The new formulation of SOPRA-XPS has a global warming potential index of less than 50.

** 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 at www.soprema.ca.

For further information, please contact your SOPREMA representative.



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