



WATERPROOFING  
INSULATION

# XPRESS ROOFS

MULTI-PURPOSE BOARDS FACTORY-LAMINATED  
WITH HIGH-DENSITY MINERAL FIBRE (STONE WOOL)





Bombardier - Montreal



## XPRESS BOARD HD

XPRESS BOARD HD is a high-density mineral fibre (stone wool) insulation board on which a base sheet membrane is factory-laminated.



## XPRESS ISO

XPRESS ISO is a  $\frac{1}{2}$  in thick XPRESS BOARD HD and a polyisocyanurate insulation board, factory-laminated together. Already known for its thermal qualities, ISO insulation, when combined with mineral wool insulation, is even more effective and durable. In addition, XPRESS ISO significantly reduces the application time on job site.

## XPRESS VAP'R BOARD

XPRESS VAP'R BOARD is an efficient thermal barrier, as well as a vapour barrier and insulation panel. This product consists of a 5/8-inch thick high-density mineral fibre (stone wool) insulation board on which a SBS modified bitumen membrane is factory-laminated.

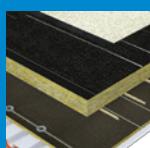
# INNOVATION

Six roofing applications  
FOR ONE UNIQUE  
AND INNOVATIVE PRODUCT



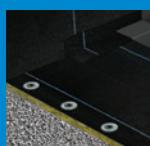
## COVER BOARD ON INSULATION

Install XPRESS BOARD HD directly on any type of insulation and obtain, in one single step, a non combustible overlay board, additional R-value, and a quality controlled base sheet membrane installation.



## INSULATION BOARD ON VAPOUR BARRIER

Using XPRESS BOARD HD as an insulation board (R-4 per inch) means that a roof system can contain only 3 components: XPRESS VAP'R BOARD, XPRESS BOARD HD insulation board and cap sheet.



## RECOVER BOARD

Because the original roof remains in place, there are considerable savings in terms of time and effort, and XPRESS BOARD HD also contributes to protecting the environment.



## FLASHING MEMBRANE

XPRESS BOARD HD can be installed on all types of upstands, even in cold weather. Its impressive dimensional stability provides an even, smooth surface, which facilitates the application of the cap sheet.



## THERMAL BARRIER DIRECTLY ON DECK

Since it can be installed directly on any type of deck, XPRESS VAP'R BOARD is the ideal rock-wool product for this type of application.



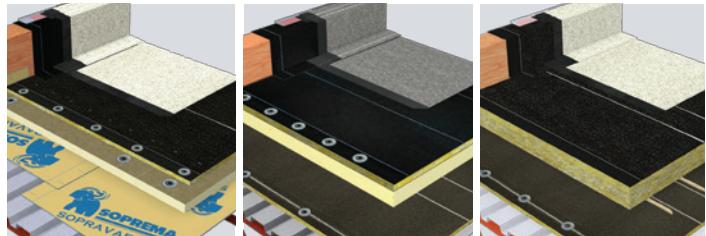
## FOR GREEN ROOFS

For a more ecological result, install the SOPRANATURE green roofing system over an XPRESS BOARD HD roofing system. This environmentally friendly combination also increases the life expectancy. Indeed, if a repair is required, XPRESS BOARD HD allows changes only to a specific part of the system.



## CHARACTERISTICS

		BOARDS		
		XPRESS BOARD HD	XPRESS ISO	XPRESS VAP'R BOARD
INSTALLATION METHOD	Mechanically fastened	●	●	●
	Adhered with DUOTACK adhesive	●	●	●
	Adhered with hot bitumen	●	●	●
DIMENSIONS	0.91 m x 2.44 m (3 ft x 8 ft)	●	●	
	0.91 m x 4.88 m (3 ft x 16 ft)	●	●	●
AREA	2.22 m <sup>2</sup> (24 ft <sup>2</sup> )	●	●	
	4.88 m <sup>2</sup> (48 ft <sup>2</sup> )	●	●	●
THICKNESS (stone wool)	12.7 mm (1/2 in) to 127 mm (5 in)	●	●	
	15.8 mm (5/8 in)			●
R-VALUE	Stone wool - R-4 per inch	●	●	●
	Polyisocyanurate (see technical data sheet)		●	



## HIGH PERFORMANCE Products

SOPREMA High Performance products have been designed to meet a fundamental criterion: **DURABILITY**.

These products outperform other products in their category. To be recognized as such, they must have at least one of the following characteristics:

- a composite reinforcement (non-woven polyester and glass mat) meeting the requirements of ASTM D6162;
- a composite product comprising a conventional factory-laminated membrane (SBS modified bitumen with polyester reinforcement) on a support panel (asphaltic, mineral fibre[stone wool] or polyisocyanurate HD);
- or a unique partial bonding design.

## STONE WOOL

Stone wool was discovered on the islands of Hawaii at the beginning of the century. Its 100 % natural composition combines the power of rock with the characteristics of typical insulation wool. Considered today as a choice product all over the world, stone wool is both recyclable and reusable. In 2013, improvements were made to the manufacturing process of the stone wool, thus increasing its density. In addition to reducing the spongy effect of the material, this high density also enables the installation of XPRESS boards with DUOTACK adhesive.

### BENEFITS



NON-COMBUSTIBLE



RECYCLED  
CONTENT



WATER  
REPELLENT



SOUNDPROOF  
MATERIAL



STABLE  
R-VALUE



DIMENSIONAL  
STABILITY

## DUO SELVEDGE TECHNOLOGY

For the safest installation, XPRESS laminated boards are provided with DUO SELVEDGE, a unique technology developed and patented by SOPREMA in 2004.

On the full width of DUO SELVEDGE, a percentage is sealed with self-adhesive, which protects components under the base sheet from torch flame. The remaining part is then safely heat-welded or sealed with a hot air gun or the SOPRAMATIC. This provides additional safety when the cap sheet is not installed immediately.

XPRESS laminated boards are also equipped with a cross selvedge of 1 inch (25 mm) at one end to prevent flame penetration between panels during the application of SOPRALAP STICK cover strips.



**DUO SELVEDGE**  
TECHNOLOGY

## TESTS AND APPROVALS



CGSB 37.56-M  
(9<sup>th</sup> draft)



Does not apply to XPRESS ISO  
and XPRESS VAP'R BOARD.

## INNOVATION SINCE 1908

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SOPREMA has developed around the idea that the quality, durability and reliability of materials must match builders' ambitions and expectations. For more than 100 years, SOPREMA has been using its expertise to develop a variety of high-end products that meet or exceed all the requirements of the construction field.

ROOFS **WALLS** FOUNDATIONS **PARKING DECKS** BRIDGES **ADDITIONAL EXPERTISE**



WATERPROOFING



INSULATION



VEGETATIVE  
SOLUTIONS



SOUNDPROOFING



COMPLEMENTARY  
PRODUCTS

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SOPREMA is an international manufacturer specializing in the production of waterproofing and insulation products, as well as vegetative and soundproofing solutions, for the building and civil engineering sectors.

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