

XPRESS BOARD HD SANDED

DESCRIPTION

XPRESS BOARD HD SANDED is a high performance panel composed of SBS modified bitumen membrane with a non-woven polyester reinforcement, factory-laminated on a high density mineral fibre (rock wool) board. The surface is sanded.

XPRESS BOARD HD SANDED panel is used as an insulation overlay board or as a recovery board.

Note: When mineral fibre (rock wool) thermal and vapor barrier are required, **XPRESS VAP'R BOARD** must be installed.

INSTALLATION

HOT BITUMEN

XPRESS BOARD HD SANDED panel is installed in a bed of hot bitumen applied with a mop.

ADHESIVE

XPRESS BOARD HD SANDED panel is adhered with **DUOTACK** adhesive **only**.

MECHANICALLY FASTENED

XPRESS BOARD HD SANDED panel is mechanically fastened to steel deck with **SOPRAPHIX** screws and plates.

- Mechanical fasteners must be installed on the distinctive line of the membrane side selvedge.
- On a steel deck, fasteners must be installed on the upper part of the steel ribs. Install membranes perpendicular to the ribs.

* The required number of mechanical fasteners and amount of adhesive varies from zone to zone. For more details about these requirements, consult the Wind Uplift Resistance Testing reports according to Canadian standard CSA A123.21 or Factory Mutual (FM 4470).

The side lap joints have a **DUO SELVEDGE**. This technologie allows to adhere the first self-adhesive part of the joint and to seal the last part of the joint with a propane torch or with the **SOPRAMATIC** automatic hot-air welder.

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

PACKAGING

Specifications	XPRESS BOARD HD SANDED
Total thickness (Membrane & board of 25.4 mm [1 in])	27.6 mm (1.09 in)
Membrane reinforcement	Non-woven polyester
Insulation dimensions	0.914 m x 4.88 m (3 ft x 16 ft)
Selvedge width	75 mm (3 in)
Surface	Sanded
Underface	Mineral fibre (rock wool)
Units per pallet	Varies depending of the panel thickness specified.

Others **XPRESS BOARD HD SANDED** dimensions are available upon request.



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PROPERTIES

As per CAN/CGSB-37.56-M 9th draft

Properties	XPRESS BOARD SANDED (Membrane)
Membrane thickness	2.2 mm (86.6 mil)
Weight	2.6 kg/m ² (0.53 lb/ft ²)
Breaking strength, MD XD	17.0 / 12.5 kN/m
Ultimate elongation, MD/XD	60 / 65 %
Tear strength	60 N
Static puncture resistance	400 N
Dimensional stability	- 0.4 / 0.3 %
Plastic flow	≥ 115 °C (239 °F)
Cold bending at -30 °C (-22 °F)	No cracking
Lap joint strength	Pass > 4 kN/m

(All values are nominal)

Properties	Standards	High density mineral fibre board insulation
Board thickness	-	25.4 mm to 125 mm (1 in to 5 in)
Thermal resistance (RSI Value - for 25.4 mm at 24 °C (75 °F))	ASTM C 518 (C 177)	0.70 m ² K/W (R – 4.0 hr • ft ² • °F / BTU for 1 in at 24 °C (75 °F))
Compressive strength 25.4 mm (1 in) thickness at 10 % at 25 %	ASTM D 165	83 kPa (12 psi) 190 kPa (28 psi)
Density	ASTM C 612-09	200 kg/m ³ (12.5 lb/ft ³)
Dimensional stability, Linear shrinkage 24 hours at 650 °C (1200 °F)	ASTM C 356	1.1 %
Water absorption	ASTM C 209	1.2 %
Water vapor sorption	ASTM C 1104	0.29 %

(All values are nominal)

