

■ Calgary ☎ 403-248-8837 ■ Edmonton ☎ 780-435-2800 ■ London ☎ 519-672-5561 ■ Moncton ☎ 506-384-6101
■ Montreal ☎ 450-655-6676 ■ Ottawa ☎ 613-741-4591 ■ Quebec ☎ 418-681-8788 ■ Saskatoon ☎ 306-651-2647
■ Toronto ☎ 905-265-8088 ■ Vancouver ☎ 604-522-3944 ■ Winnipeg ☎ 204-694-2849

XPRESS ISO

Description: *XPRESS ISO* is a composite of a modified bitumen membrane, mineral wool and a straight edge polyisocyanurate insulation board. The top surface of the modified bitumen membrane has either a sanded or thermofusible finish.

XPRESS ISO can be mechanically fastened with **SOPRAFIX FASTENERS AND PLATES** or adhered to the substrate with **COLTACK** or **DUOTACK** adhesive or hot bitumen.

Properties:

MEMBRANE		
PROPERTIES	TEST METHOD	TYPICAL RESULTS
Membrane Dimensions (m)	-	1 x 4.9 (39 in x 16 ft – 1 in) 1 x 2.46 (39 in x 8 ft – 1 in)
Membrane Reinforcement	-	Non-woven Polyester
Breaking Strength (kN/m) MD/XD	CAN/CGSB-37.56-M 9th draft	17.0 / 12.5
Ultimate Elongation (%) MD/XD	CAN/CGSB-37.56-M, 9th draft	60 / 65
Tear Strength, (N)	ASTM D5601	60
Cold bending (°C) Initial 90 days at 70°C	CAN/CGSB-37.56-M, 9th draft	-30 -30
MINERAL WOOL		
PROPERTIES	TEST METHOD	TYPICAL RESULTS
Board Dimensions (m)	-	0.91 x 4.88 (3 x 16 ft) 0.91 x 2.44 (3 x 8 ft)
Thermal Performance	---	R-2 (R-4 per in)
Surface Burning Characteristics	ASTM E 84	Flame Spread 3 Smoke Development 0
Water Absorption (%)	ASTM C 209	<1.1
Compressive Properties (psi)	ASTM C 871/C665	14
Linear Shrinkage (%)	ASTM C 356	0.19
POLYISOCYANURATE INSULATION		
PROPERTIES	TEST METHOD	TYPICAL RESULTS
Thermal resistance (R-value) at 24°C (75 °F)	ASTM C518	1 in RSI-1.06 (R-6) 1.5 in RSI-1.58 (R-9) 2 in RSI-2.13 (R-12.1)
Dimensional Stability (% linear change)	ASTM D 2126	< 2
Compressive Strength (kPa)	ASTM D 1621	138 (20 psi)
Product Density (kg/m ³)	ASTM D 1622	32 (2.0 pcf)
Water Absorption (% by volume)	ASTM C 209	< 1
Water vapour permeance (ng/Pa.s.m ²)	ASTM E 96	57.5 (< 1 Perm)

(All values are nominal)

NOTE: **SOPREMA INC.** may modify the composition and/or utilisation of its products without prior notice. Consequently orders will be filled according to the latest specification.