

XPRESS EPS

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

XPRESS EPS can be mechanically fastened or adhered to the substrate using **DUOTACK**.

Properties:

MEMBRANE		
PROPERTIES	TEST METHOD	TYPICAL RESULTS
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) MD/XD	ASTM D5601	60
Cold bending (°C)	CAN/CGSB-37.56-M, 9th draft	-30
Initial 90 days at 70°C		
MINERAL WOOL		
PROPERTIES	TEST METHOD	TYPICAL RESULTS
Thermal Resistance (R-value)	---	R-4 per 25 mm (1 in) of thickness
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
EXPANDED POLYSTYRENE		
PROPERTIES	TEST METHOD	TYPICAL RESULTS
Thermal resistance (R-value) at 24 °C (75 °F)	ASTM C518	R-3.85 per 25 mm (1 in) of thickness
Dimensional Stability (%)	ASTM D2126	0.5
Compressive Strength (kPa)	ASTM D1621	70 (10 psi)
Tensile Strength (kPa)	ASTM D1623	140 (20 psi)
Water Absorption (% by volume)	ASTM D2842	6
Water vapour permeance (ng/Pa.s.m ²)	ASTM C355	300 (4 perm)

(All values are nominal)

1.877.MAMMOUTH
www.soprema.ca

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.