SOPRASEAL
XPRESS G

WATERPROOFING

APPLICATIONS

WALLS

TECHNICAL DATA SHEET 220224SCANE (supersedes 200730SCANE)

DESCRIPTION

SOPRASEAL XPRESS G consists of an air/vapour barrier which is factory laminated to a non-organic faced (paper free) exterior grade gypsum board with a modified bitumen adhesive. It is used as an air/vapour barrier on walls.

INSTALLATION

Install SOPRASEAL XPRESS G panels horizontally and mechanically fixed to the structure using corrosion resistant SOPRASEAL XPRESS SCREWS.

SOPRASEAL STICK 1100T , SOPRASEAL STICK FLASHPRO, SOPRASEAL STICK FLASHPRO HT or SOPRASEAL LIQUID FLASHING membrane can be used for treating SOPRASEAL XPRESS G panel joints.

Treat joints with SOPRASEAL STICK 1100T, SOPRASEAL STICK FLASHPRO or SOPRASEAL STICK FLASHPRO HT

1. Prime the panel joints with SOPRASEAL STICK PRIMER or ELASTOCOL STICK ZERO when using SOPRASEAL STICK 1100T membrane.
2. Install a 150 mm (6 in) SOPRASEAL STICK 1100T, SOPRASEAL STICK FLASHPRO or SOPRASEAL STICK FLASHPRO HT self-adhesive membrane strip centered over the SOPRASEAL XPRESS G panel joints.
3. Complete the application by passing a smoothing roller on membrane strips to ensure perfect adhesion.

Treat joints with SOPRASEAL LIQUID FLASHING

1. Remove any excess gypsum by wiping the joints of SOPRASEAL XPRESS G with a dry or damp cloth.
2. Install and tool SOPRASEAL LIQUID FLASHING membrane into the joints of SOPRASEAL XPRESS G, filling the joint.
3. Apply SOPRASEAL LIQUID FLASHING product in a zigzag pattern over the joints of the panel while covering a minimal area of 100 mm (4 in.) in width. Spread with a trowel to achieve a monolithic flashing membrane with a minimal wet film thickness of 1,5 mm (60 mils) free of voids or pinholes.
4. Ensure a minimal overlap of 50 mm (2 in.) on either side of the joint created by the SOPRASEAL XPRESS G panels.

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

TDS_SOPRASEAL_XPRESS G.indd

SYSTÈME QUALITÉ ISO 9001 QUALITY SYSTEM

SYSTÈME ENVIRONNEMENT ISO 14001 ENVIRONMENT SYSTEM

SOPREMA®

All products manufactured by SOPREMA, Inc. comply with the description and properties indicated in the data sheet in effect at the date of manufacture.

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PROPERTIES

Air/Vapour Barrier (surface film)		
Properties	**Standards**	**SOPRASEAL XPRESS G**
Surface	-	Tri-laminate woven polyethylene
Self-adhesive material	-	SBS modified bitumen
Thickness	-	1.2 mm (47 mil)
Dimension	-	1.2 X 2.44 m (4 X 8 ft)
Tensile strength, MD/XD	ASTM D5147	13.1 / 9.6 kN/m (74 / 55 lb/in)
Ultimate elongation, MD/XD	ASTM D5147	40 / 25 %
Dynamic puncture	ASTM E134	575 N (129 lbf)
Tear resistance, MD/XD	ASTM D5147	535 / 245 N (120 / 55 lbf)
Water vapour permeance	ASTM E96 (Procedure B)	< 2.5 ng/Pa•s•m^2 (< 0.04 perm)
Air permeance of membrane	CAN/ULC S741	< 0.001 L/s•m^2

(All values are nominal)

Gypsum Board		
Properties	**Standards**	**SOPRASEAL XPRESS G**
Thickness	-	12.7 mm (1/2 in)
Dimension	-	1.2 X 2.44 m (4 X 8 ft)
Water vapour permeance	-	1300 ng/Pa•s•m^2 (>23 perm)
R-Value	-	0.56
Compression strenght	-	min. 3445 kPa (500 psi)
Flame spread rating / Smoke developed rating	ASTM E84 / CAN/ULC-S102M	0 / 0
Combustibility	ASTM E136	Noncombustible

(All values are nominal)

STORAGE AND HANDLING

Store materials in its original packaging, protected from direct sunlight, moisture and deterioration.

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