SOPRASEAL
LIQUID FLASHING

TECHNICAL DATA SHEET 210324SCANE (supersedes 200729SCANE)

WATERPROOFING ACCESSORY PRODUCT

APPLICATIONS

WALLS

DESCRIPTION

SOPRASEAL LIQUID FLASHING is a high quality, 100% solid low odor elastomeric polyether membrane. SOPRASEAL LIQUID FLASHING is designed to provide air tightness to critical rough openings while sealing joints and creating a seamless transition to air barrier membranes. This product is compatible with SOPRASEAL membranes. SOPRASEAL LIQUID FLASHING can also be used to treat joints while adhering to most construction materials as well as SOPRASEAL XPRESS G.

RECOMMENDED SUBSTRATES

This product can be used on most substrates such as aluminum, brick, concrete, wood, masonry and PVC.

SURFACE PREPARATION

The substrate must be clean and dry. Debris and other contaminants such as water, grease and oil may compromise the adhesion. Metal surfaces and PVC pipes must be cleaned with non-greasy solvents, such as acetone or methyl ethyl ketone (MEK). Painted surfaces must be fully cured before proper bonding can occur.

APPLICATIONS

Into rough openings:

1. Apply and tool SOPRASEAL LIQUID FLASHING membrane into small gaps and other minor deficiencies in the substrate, such as nail holes, knots, etc. For voids greater than 6 mm (¼ in.), it is recommended to prefill the void with SOPRASEAL LIQUID FLASHING and allow to skin over prior to the finish coat of the membrane.
2. Apply SOPRASEAL LIQUID FLASHING product in a zigzag pattern onto the outside vertical surface of the rough opening 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.
3. When applying onto an air barrier, SOPRASEAL LIQUID FLASHING should overlap the membrane by at least 75 mm (3 in.).

Note: Air barrier membranes should be cut back a minimum of 25 mm (1 in.) from the rough opening. It is also acceptable to install SOPRASEAL LIQUID FLASHING prior to the application of the air barrier. Air barrier membranes installed over top of SOPRASEAL LIQUID FLASHING should be in accordance with manufacturers recommended application procedures.

4. Apply SOPRASEAL LIQUID FLASHING product in a zigzag pattern into the rough opening. Spread with a trowel and seamlessly tie-in to the vertical surface to achieve a monolithic flashing membrane with a minimal wet film thickness of 1.5 mm (60 mils) free of voids or pinholes.
5. Allow the applied SOPRASEAL LIQUID FLASHING to cure before installing windows or doors.

To exterior sheathing boards:

1. Apply and tool SOPRASEAL LIQUID FLASHING membrane into the joints of glass-mat faced gypsum boards, plywood, exterior drywall and OSB wall boards by filling the joint. The use of SOPRASEAL STICK PRIMER, ELASTOCOL STICK ZERO or ELASTOCOL STICK H_2O primers are recommended with raw or cut edges of gypsum sheathing.
2. Apply SOPRASEAL LIQUID FLASHING product in a zigzag pattern over the joints of the sheathing boards with a minimal coverage area of 50 mm (2 in.) in width.
3. 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 25 mm (1 in.) on either side of the joint created by the sheathing boards.
5. Allow SOPRASEAL LIQUID FLASHING to skin prior to placement of spray applied air barrier such as SOPRASEAL LM 204 VP and SOPRASEAL LM 200 S

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to SOPRASEAL XPRESS G air and vapour barrier system

1. Remove any excess gypsum by wiping the joints of SOPRASEAL XPRESS G with a dry or damp cloth.
2. Install 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.
3. Ensure a minimal overlap of 50 mm (2 in.) on either side of the joint created by the SOPRASEAL XPRESS G panels.

Application temperatures: above -4 °C (25 °F)
Service temperatures: -29°C to 93°C (-20°F to 200°F)

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

PACKAGING

Specifications	SOPRASEAL LIQUID FLASHING
Physical state	Paste
Colour	Blue
Packaging	590 ml (20 oz)

(All values are nominal)

PROPERTIES

SOPRASEAL LIQUID FLASHING meets the following standards: ASTM C920, Type S, Grade NS, Class 50

Properties	Standards	SOPRASEAL LIQUID FLASHING
Density	ASTM D1475	1.46 kg/L (12.2 lbs/gallon)
Tack free time	ASTM C679	30 min
Shear strength, kN/m^2	ASTM D1002	149
Elongation at break	ASTM D412	215 %
Tensil Strength, kN/m^2	ASTM D412	159
Hardness shore A	ASTM C661	38
Water Vapor Transmission, $ng/Pa{\cdot}s{\cdot}m^2$ (perms)	ASTM E96 (Method B)	263 (4.6)
Low temperature flexibility @ -23 °C (-10 °F)	ASTM D816	Pass
Shrinkage	-	No visible shrinkage after 14 days

(All values are nominal)

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CLEANING

Tools can be cleaned using alcohol base cleaning product.

STORAGE AND HANDLING

The shelf life of SOPRASEAL LIQUID FLASHING is 12 months, when properly kept in the original container.

SOPRASEAL LIQUID FLASHING must be stored in a cool and dry area. Unopened containers need protection from water, frost, heat and direct sunlight. Elevated temperatures will reduce shelf life.

For more information, refer to the instructions on the container label and safety data sheet (SDS).