

SOPRASEAL® XPRESS G

SOPRASEAL XPRESS G is an air and vapor barrier factory laminated to a non-organic faced (paper free) exterior grade gypsum board with a polymer-modified bitumen adhesive for use in wall assemblies.

HEALTH & SAFETY

The contractor shall ensure compliance with OSHA, EPA and other local governing and disposal authorities for project-related safety and environmental requirements. Prior to application, persons handling or applying SOPRASEAL XPRESS G should familiarize themselves with the applicable Product Data Sheets (PDS), Safety Data Sheets (SDS), specifications, and application instructions. Refer to product SDS for health, safety, and environment related hazards, and take all necessary measures and precautions to comply with specified exposure limits where required. The applicator is responsible for ensuring conditions are appropriate to proceed and proper application methods are followed.

When applying SOPRASEAL XPRESS G typical exposure levels will be below OSHA permissible limits for most outdoor applications. When required, air monitoring should be performed by a qualified person to identify any hazards. If respiratory protection is required, use a NIOSH approved air-purifying respirator.

APPLICATION GUIDELINES

STORAGE & HANDLING

Store products flat on a clean and flat surface. Materials should be stored in a dry place, out of direct exposure to the elements. Material should be handled in such a manner as to ensure that it remains dry prior to and during installation and to avoid deformation of material.

ENVIRONMENTAL CONDITIONS

Generally, application may proceed when ambient and surface temperature is minimum 14°F (-10°C) and rising provided the Xpress G is a minimum of 5°F (-15°C) above the dew point temperature, is clean and dry, and the SOPRASEAL STICK 1100T cut rolls used for detailing are warm enough to easily unroll and work into position. SOPRASEAL STICK 1100T is available in summer grade for application temperatures above 50° F (10° C), and winter grade for application temperatures from 50°F (10°C) down to 14°F (-10°C).

EQUIPMENT LIST

- Weighted hand rollers
- Power drill with Phillips drive bits
- SOPRASEAL Xpress G screws
- Gloves & Safety glasses
- Utility knives
- Approved primers
- 3/8" nap rollers for primer application
- HD roller frames
- Roller extension handle
- Measuring tape
- Power drill
- SOPRASEAL Xpress G screws

SOPRASEAL XPRESS G

FACTORY LAMINATED AIR AND VAPOR BARRIER APPLICATION GUIDELINES

SUBSTRATE PREPARATION

Wall framing must be clean and sound and ready for typical exterior gypsum wall board installation.

PRIMER

Use the jiffy mixer and power drill at low speed (250-500rpm) for 30 seconds making sure to stir the primer from the bottom to the top of the pail for a homogeneous mixture.

Primers should be completely dry before installing the detail strips of SOPRASEAL STICK 1100T.

INSTALLATION

1. Install Sopraseal Xpress G panels horizontally onto structural wall studs by offsetting the vertical board seams a minimum of 16 inches and abut boards perfectly without applying excessive pressure.
2. Fasten with SOPRASEAL Xpress G Screws into the wall studs spaced every 8 inches. The flat head screws must be drilled flush with the surface of the membrane without perforating it to create a seal under the fastener head.
3. All board seams must be covered by a 6 inch strip of primer and SOPRASEAL STICK 1100T centered over the seam. Take care to ensure primer is not applied so heavy that it drips or runs down the wall or puddles on horizontal surfaces. Approximately 250 sqft/gal.

4. Begin installation of seam strips with the horizontal strip on bottom wall seams. Install strips on vertical joints overlapping a minimum 2 inches onto the horizontal strip below. Terminate membrane strip 1 inch from horizontal board joint allowing for minimum 2 inch overlap with the horizontal strip that is to be installed above. Install membrane strips centered on horizontal joints covering the top termination of vertical strips by minimum 2 inches.

5. Treat penetrations with SOPRASEAL STICK 1100T. Prime surfaces and provide minimum 4 inch overlap onto adjoining surfaces, treat terminations with SOPRASEAL SEALANT or specified termination sealant. Always trowel sealants into place to obtain best adhesion and to shed water.

6. Once the SOPRASEAL STICK 1100T strips are installed, use a hard roller to apply pressure over the entire surface to ensure uniform adhesion to the SOPRASEAL Xpress G.

7. Rough openings, below grade and roofing tie-ins: Consult www.soprema.us for detail drawings, and for job specific details or questions contact your local SOPREMA Representative.

8. Use SOPRASEAL SEALANT to seal around details, reverse laps and critical areas.

9. Treat membrane deficiencies and/or damaged areas to membrane with SOPRASEAL STICK 1100T. Apply primer and install the patch extending a minimum 4 inches beyond limits of repair area and treat the patch edges with SOPRASEAL SEALANT or other specified sealant. Always trowel sealants into place to obtain best adhesion and to shed water.

10. Insulation may be installed using adhesive backed insulation pins adhered to the installed SOPRASEAL XPRESS G. Adhesive backed pins are recommended to avoid penetrating the air barrier.



CLEANUP

Dispose of unused SOPRASEAL XPRESS G in accordance with local rules and regulations. SOPRASEAL XPRESS G is not hazardous waste. Consult local, provincial, territory or state authorities to know disposal methods. SOPRASEAL XPRESS G is not listed by the EPA as hazardous waste according to the Resource Conservation and Recovery Act (RCRA) of the United States. No Environmental Protection Agency (EPA) waste numbers are applicable for this product.