

INSTALLATION INSTRUCTIONS

SOPRASEAL® LM 204 VP INSTALLATION INSTRUCTIONS

SOPRASEAL LM 204 VP

SOPRASEAL LM 204 VP is a one-component, high solids, liquid applied vapor-permeable air barrier membrane used in wall construction. SOPRASEAL LM 204 VP is an STPE technology that contains 98% solids and has excellent freeze-thaw characteristics. This moisture curable hybrid material is a non-flammable vapor permeable air barrier that provides moisture protection behind wall claddings such as brick, siding, metal panels, EIFS and stucco. Utilization of a drainage plane is required for stucco cladding.

SUBSTRATE PREPARATION

The substrate should be clean, sound, free of excess water and loose materials, grease and any contaminants, which may compromise the performance of the product. Do not apply on frozen or frosted substrates.

APPLICATION

To apply SOPRASEAL LM 204 VP use a ¾" (19 mm) nap roller, paint brush, or spray equipment. Information regarding capable spray equipment can be obtained by contacting your local SOPREMA sales or technical representative. Acceptable installation temperatures are 25°F (-4°C). Material temperature must maintain a minimum of 40°F during installation.

Apply a thick bead of SOPRASEAL Liquid flashing into all voids in block or concrete, joints in sheathing, and/or plywood substrates. Immediately use a trowel to press the material into the gap or void. When treating sheathing joints ensure that a minimum of 20 mils is obtained. Create a smooth monolithic bead that will prepare the substrate to apply SOPRASEAL LM 204 VP a minimum of 1" on either side of the joint. Once the material has been given the opportunity to develop a skim (cure time will be dependent on temperature and humidity levels) application of the SOPRASEAL LM 204 VP can begin.



Apply SOPRASEAL LM 204 VP to the desired thickness directly to the prepared substrate. Applications that require greater thickness may justify two coats to allow proper attachment of the material. Once the application is complete, inspect the wall for any light areas, blisters and holes. Apply additional SOPRASEAL LM 204 VP in these areas. Exposure of SOPRASEAL LM 204 VP to UV is not recommended past 180 days.



STORAGE & HANDLING

Product must be stored indoors in a cool, dry place. Store materials at temperatures above 40°F (4°C) at all times. At the job site, protect the packaged product from extreme heat and direct sunlight. SOPRASEAL LM 204 VP has a shelf life of 2 years from the date of manufacture when properly stored in original packaging.

SPRAY & PUMP REQUIREMENTS

For the best spray results, use a Graco 833 Big Rig airless pump or equivalent that can deliver 2500 - 3000 psi at the gun with an inlet strainer. The volume of material supplied by the pump should be adequate for the given application. Utilize a Graco XTR-7 spray gun or equivalent with a 633 to 635 tip.

NOTE: Other combinations of gun, tip size and hose diameter can be qualified by the contractor to achieve the desired application properties. The hose must be capable of handling pressures up to 4000 psi or the peak pressure at the output of the pump and have a water lock membrane liner.

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