



WATERPROOFING

# SOPRASEAL<sup>®</sup> LM 204 VP WALLS



## LIQUID VAPOR PERMEABLE AIR BARRIER MEMBRANE



SOPRASEAL LM 204 VP is a single-component liquid membrane made of a water-reactive STPE elastomer. It is used as a vapour-permeable air barrier and also serves as an air barrier under cladding. Here is another undeniable advantage: its low VOC content. It can be sprayed easily on most construction surfaces, such as brick, metal panels, exterior insulation and finish systems (EIFS), and stucco.

- Very quick drying time
- Extended working season thanks to possible application down to -4 °C
- Installation in various climatic conditions
- Spray installation with airless equipment

### SURFACE PREPARATION

The substrate must be clean and dry. Debris and other contaminants such as water, grease and oil can compromise adhesion. Metallic surfaces and PVC pipes should be cleaned with non-greasy solvents such as acetone or methyl ethyl ketone. SOPRASEAL LM 204 VP is easily spray applied on smooth or uneven surfaces.

### ACCESSORY PRODUCTS

#### SOPRASEAL LIQUID FLASHING

High-quality elastomeric polyether air barrier membrane made of 100% solids with low odour. It is used as a waterproofing membrane at the perimeter of openings, as a through-wall membrane, and as a transition membrane.

#### SOPRASEAL STICK FLASHPRO HT

Designed for airtightness, it is used as a waterproofing membrane at the perimeter of openings, as a through-wall membrane, and as a transition membrane.

SOPRASEAL LM 204 VP	
COLOUR	Blue
CONTAINER	19 L (5 US gal) or 189 L (50 US gal)*
COVERAGE RATE	20 mils: 78 to 80 ft <sup>2</sup> /gal** 30 mils: 52 to 54 ft <sup>2</sup> /gal** 40 mils: 39 to 40 ft <sup>2</sup> /gal**
WATER VAPOUR PERMEANCE (ASTM E96 – METHOD B)	Wet film thickness of 20 mils: 33.2 perms Wet film thickness of 30 mils: 24.9 perms Wet film thickness of 40 mils: 16.6 perms

\*Product available on special order only.

\*\*Coverage rates are approximate.

## PREPARATION – DETAILS AND OPENINGS SOPRASEAL LIQUID FLASHING

Apply SOPRASEAL LIQUID FLASHING for sealing joints, details and around various openings. Allow SOPRASEAL LIQUID FLASHING to skin prior to placement of spray applied air barriers such as SOPRASEAL LM 204 VP.



## APPLICATION OF THE SOPRASEAL LM 204 VP

The most effective application method for SOPRASEAL LM 204 VP is spraying. However, a roller or a brush can be used. When spraying, make sure to keep the spray gun at a 90° angle to the substrate as much as possible. Apply SOPRASEAL LM 204 VP to the desired thickness directly on the previously prepared substrate. Applications that require a greater thickness may justify a second layer to allow good adhesion of the material. Once the application is complete, inspect the wall for areas that need touching up. Drying time varies according to the ambient installation temperature, humidity, and capacity of the substrate to absorb water.

## SPRAY SYSTEM SETTINGS

For best results, use the Graco 833 Big Rig airless pump or an equivalent model with an inlet filter, and a gun with a capacity of 2,500 to 3,000 PSI. It is important to make sure that the pump can supply the volume of material necessary for the application. Use a Graco XTR-7 spray gun or an equivalent model with a size 633 to 635 nozzle. Other combinations of gun, nozzle size and hose diameter may be specified by the contractor to obtain the desired properties.

## SPRAY SYSTEM CLEANING

Clean off any traces of unwanted SOPRASEAL LM 204 VP before the product hardens using alcohol or a water-free solvent. To facilitate cleaning of the spray equipment, do it as soon as the application is done using solvents such as mineral spirits, Varsol or xylene. For more information on spray equipment cleaning, contact the manufacturer of the sprayer.

## STORAGE AND HANDLING

Store materials at temperatures above 4 °C (40 °F) at all times. SOPRASEAL LM 204 VP should be stored indoors in a dry place. On a construction site, protect the product from extreme heat and direct sunlight. SOPRASEAL LM 204 VP has a shelf life of two years in its original unopened container if stored properly.

If you have any questions about this product or its installation, please contact your SOPREMA representative.

