



SOPRASEAL LM 200 S

LIQUID APPLIED AIR/VAPOR BARRIER MEMBRANE

Order No. *

*Contact Customer Service for Order Number and Availability.

DESCRIPTION

SOPRASEAL LM 200 S is a water based, single component, rubberized liquid air/vapor barrier membrane which meets the requirements of the *Massachusetts State Building Code (780 CMR, Chapter 13) Energy Conservation Requirements for the Building Envelope*.

SOPRASEAL LM 200 S resists moisture and inhibits air leakage and moisture vapor transmission. It provides a highly flexible film and bridges cracks which may form in the substrate. It remains firmly bonded to the substrate even when applied over damp surfaces.

BASIC USE & APPLICATION

Refer to SOPRASEAL LM 200 S Guide Specification & Approved Details for specific application information.

SOPRASEAL LM 200 S is designed for use on most building materials, including masonry, concrete, wood and gypsum sheathing in conjunction with rigid or semi-rigid insulation boards (including polystyrene) and Sopraseal self-adhesive and thermofusible air barrier membranes.

SOPRASEAL LM 200 S may be spray applied. Minimum application temperature is 40° F (4.4° C), if temperatures below 40° F or rain are imminent (24 hours), do not use; uncured product may be affected by water. Curing time will be affected by relative humidity, temperature and airflow. Actual cure time may differ depending on site conditions. The following are given for average conditions and standard thickness:

- Film thickness: 90 mil (2.3mm) wet, 45 mil (1.15 mm) dry
- Coverage rate: Approximately 100 ft² (10 m²) per 5 gal. pail / 1,050 ft² (145 m²) per 50 gal. drum
- Tack free film at 77° F after 1 to 3 hours. 90% cure after 7 days. Complete cure after 30 days

FEATURES & BENEFITS

- Tenacious adhesion when applied over damp surfaces / green concrete
- No primer required
- No pre-heating required
- Monolithic, seamless application
- Easy to install
- Seals around projections such as brick ties
- Cures to a highly flexible film with crack bridging capabilities

WARRANTY

Contact your local SOPREMA representative for project warranty offerings.



PHYSICAL PROPERTIES

Property	Test Method	Result
Specific Gravity	--	1
Solids by Weight (%)	--	52
Water Vapor Permenance	ASTM E 96	34.2 ng/Pa.s.m ² 0.6 perm
Air Permeability (L/s-sq.)	ASTM E 283 (75 Pa)	<0.0007
Resistance to gust wind load	ASTM E 330 (3,000 Pa - 10s)	Complies
Resistance to sustained wind load	ASTM E 330 (100 Pa - 1h)	Complies

PACKAGING

Soprasedal LM 200 s is packaged in 5 gallon pails (18.9 L) or 50 gallon drums (189 L)

Shelf Life: Up to 2 years in original, unopened containers. KEEP FROM FREEZING.

LIMITATIONS

- Not designed for permanent exposure to UV
- Material must be kept from freezing during transport and storage
- DO NOT install when air temperature is below 40° Fahrenheit (4.4° C).
- DO NOT install when rain is imminent within 24 hours

CLEANING

Uncured material can be cleaned using light soap and water. Cured material is best removed with solvents such as mineral spirits or xylene.

PRECAUTIONS

Keep out of reach of children. Harmful if inhaled or swallowed. CONSULT MSDS PRIOR TO USE.