

SOPRASEAL LM 200 S

TECHNICAL DATA SHEET
140115SCAN1E
(supersedes 110804SCAN1E)

DESCRIPTION

SOPRASEAL LM 200 S is a single-component liquid product made from water and synthetic rubbers. **SOPRASEAL LM 200 S** is used as an air/vapor barrier.

RECOMMENDED SUBSTRATES

This product can be used on most building surfaces, such as masonry, concrete, wood and gypsum.

SURFACE 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. **SOPRASEAL LM 200 S** is spray applied. Consult your local **SOPREMA** representative for information about spray application.

APPLICATION

Minimum application and curing temperature: Install and allow material to dry at air and surface temperatures of 2 °C (35.6 °F) or higher. Curing times will be affected by relative humidity, temperature and airflow.

Dry to touch (tack-free): 1 to 3 hours

COVERAGE RATE

When used as a vapour/barrier: 10 m² (100 ft²) per 19 L pail.

Thickness of wet film: 2.0 mm (80 mil)

Thickness of dry film: 1.0 mm (40 mil)

A notched gauge must be used to determine the applied product thickness.

Note: Coverage rates may vary depending on substrate conditions.

PACKAGING

| Specifications | SOPRASEAL LM 200 S |
|-----------------------------------|--------------------|
| Specific gravity at 20 °C (68 °F) | 1.06 kg/L |
| Colour | Purple |
| Solids by Weight | 48 % |
| Pail | 19 L, 200 L |

(All values are nominal)

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PROPERTIES

| Properties | Standards | SOPRASEAL LM 200 S |
|-----------------------------------|----------------------------|--|
| Water vapour permeance | ASTM E96 | 34.2 ng/Pa•s•m ² (0.6 perm) |
| Air permeability | ASTM E2178 (75 Pa) | < 0.02 L/s•m ² |
| Elongation | ASTM D412 | 240 % |
| Resistance to gust wind load | ASTM E330 (3000 Pa – 10 s) | Complies |
| Resistance to sustained wind load | ASTM E330 (100 Pa – 1 h) | Complies |

(All values are nominal)

CLEANING

Uncured material can be cleaned using light soap and water. Cured material is best removed by solvents such as mineral spirits, Varsol, Xylene or by mechanical means.

STORAGE AND HANDLING

Shelf life: 24 months, properly stored in original unopened containers. Keep from freezing. For more information, refer to instruction on the label of the can and to relevant Material Safety data Sheet (MSDS).