

SOPRASEAL[®] LM 202 VP

Vapor Permeable Air Barrier



APPLICATIONS

WALLS

DESCRIPTION:

SOPRASEAL LM 202 VP is a one-component spray, roller or brush applied, non-flammable, vapor-permeable air barrier membrane used in wall construction. **SOPRASEAL LM 202 VP** is a water-based, ultra-low VOC, liquid-applied product composed of a modified rubber.

BASIC USES:

SOPRASEAL LM 202 VP provides air and moisture mitigation protection behind wall claddings such as brick, siding, metal panels, EIFS, and stucco, and is applied to exterior grade gypsum sheathing or wood, as well as CMU or poured concrete walls.

APPLICATION:

Refer to **SOPRASEAL LM 202 VP** application guidelines for complete details.

WARRANTY:

Please refer to www.SOPREMA.us for the SOPREMA Standard Warranty, Form 115, or contact SOPREMA at 800.356.3521 for more information.

SHELF LIFE:

SOPRASEAL LM 202 VP has a shelf life of 2 years from the date of manufacture when properly stored in original packaging.

CLEAN UP:

Tools and wet material can be cleaned with a mild soap and water. Cured material should be carefully and mechanically removed.

LIMITATION:

- Not to be applied to contaminated substrates or frost covered surfaces.
- Not intended for permanent UV exposure.
- Protect from freezing

	SOPRASEAL LM 202 VP
Color	Red - Brown
Percent Solids	74 %
Pails / Pallet	36
Volume	5 Gal (19 L)
Product Code	A501



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PROPERTY		TEST METHOD
Air leakage of air barrier assemblies, cfm/ft ² (L/s-m ²) @ 1.57 psf (75 Pa) positive/past conditioning @ 1.57 psf negative/past conditioning	0.0001 (0.0005)- PASS 0.0003 (0.0015) - PASS	ASTM E2357
Air permeance of building materials, cfm/ft ² (L/s-m ²) @ 1.57 psf (75 Pa)	0.00098 (0.005)	ASTM E2178
Rate of air leakage, cfm/ft ² (L/s-m ²) @ 1.57 psf (75 Pa)	0.0037 (0.019)	ASTM E283
Water vapor transmission, perms (ng/Pa*s*m ²) @ 20 mils (0.51 mm) wet film thickness @ 10 mils (0.25) wet film thickness	14 (801) 18 (1030)	ASTM E96 Method B
Pull-off strength of coatings	Pass	ASTM D4541
Nail sealability (without sheathing fabric)	Pass	ASTM D1970
Compound stability (elevated temperature)	No flowing, dripping or drop formation up to 350°F (177°C)	ASTM D5147 section 15
Surface burning class A flame spread class A smoke developed spread	< 25 < 450	ASTM E84
Fire resistance	Will not add or detract from the rating of a fire resistive wall assembly Pass	ASTM E119/UL 263 NFPA 285
Resistance to fungal defacement	Pass	ASTM D5590
VOC content, lb/gal (g/L)	0.14 (16.8)	ASTM D2369

ICC-ES AC 212 ACCEPTANCE CRITERIA FOR WATER-RESISTIVE COATINGS USED AS WATER-RESISTIVE BARRIERS OVER EXTERIOR SHEATHING:

SEQUENTIAL TESTING: PROPERTIES		TEST METHOD
1 - Structural 2 - Racking 3 - Restrained environmental conditioning 4 - Water penetration @ 6.24 psf (299 Pa)	(1-3) No cracking at joints or interface of flashing (4) No water penetration after 90 min, tested over OSB and gypsum sheathing	ASTM E1233 Procedure A ASTM E72 ICC-ES AC 212 ASTM E331
1. UV light exposure 2. Accelerated aging 3. Hydrostatic pressure test	(1-2) No cracking or bond failure to substrate (3) No water penetration	ICC-ES AC 212 ICC-ES AC 212 AATC 127-1985
Water resistance	No sign of deleterious effects after 14 day exposure (tested over various substrates)	ASTM D2247
Freeze-thaw	No sign of deleterious effects after 10 cycles (tested over various substrates)	ASTM E2485 Method B
Tensile bond (before and after freeze-thaw), psi (kPa)	>15 (103) avg; no failure after 10 cycles freeze-thaw (tested over various substrates)	ASTM C297
Tensile bond, psi (kPa)	>15 (103) (tested over various substrates)	ASTM C297

