

SOPRASEAL®

LM 204 VP

SOPRASEAL® LM 204 VP
PRODUCT # A506

PRODUCT DATA SHEET

DESCRIPTION & FEATURES

SOPRASEAL LM 204 VP is a one-component, 98% solids content, liquid applied, vapor-permeable air barrier membrane used in wall construction. SOPRASEAL LM 204 VP is STPE technology that has excellent freeze-thaw characteristics and superior curing in low relative humidity and low temperatures. SOPRASEAL LM 204 VP doesn't shrink and requires less wet film to achieve dry film thickness. This moisture curable hybrid material is a non-flammable vapor permeable air barrier, which 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.

STORAGE & HANDLING

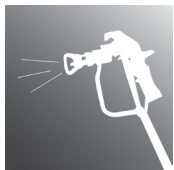
Product must be stored indoors in a cool, dry environment. Store materials at 40°F (4°C). At the jobsite protect the product from extreme heat and direct sunlight. SOPRASEAL LM 204 VP has a shelf life of 2 years from the date of manufacture when properly stored in the original packaging.

APPLICATION

SOPRASEAL LM 204 VP can be applied down to 25°F (-4°C) without the use of additional additives. The most effective application method utilizes spray equipment but a 3/4" (19mm) nap roller or a paint brush may be used. Once the application is complete, inspect the wall for any light areas, blisters, holes or areas that need attention. Please refer to SOPREMA specifications and installation instructions for additional application guidelines prior to use.



APPLICATION



SPRAY APPLIED



BRUSH



ROLLER

QUICK FACTS

COLOR	SOLIDS	PAISLS/ PALLET	VOLUME (GAL)
Blue	98%	36	5 (19 L)



SOPREMA®

www.soprema.us
310 Quadral Drive, Wadsworth, Ohio 44281
Toll Free: (800) 356-3521 | Tel: (330) 334-0066

TECHNICAL INFORMATION & TESTING

PHYSICAL PROPERTIES		
PROPERTY		TEST METHOD
Air permeance, cfm/ft ² (L/s·m ²) @ ΔP=1.57 psf (75 Pa)	0.00008 (0.0004)	ASTM E2178
Water resistance	Pass	AATCC 127
Fastener sealability	Pass	ASTM D1970
Pull adhesion, psi (kN/m ²) Adhesion to CMU Adhesion to DensGlass Adhesion to concrete Adhesion to plywood	134 (924) 67 (462) 162 (1117) 177 (1220)	ASTM D4541 (Method E)
Crack bridging	No cracking, splitting, pinholes or any other condition in the area of the joint	ASTM C1305
Moisture vapor permeance, perms (ng/s·m ² ·Pa) @ 40 mils film thickness Method A Method B @ 30 mils film thickness Method A Method B @ 20 mils film thickness Method A Method B	10.5 (601) 16.6 (950) 15.8 (902) 24.9 (1425) 21.0 (1202) 33.2 (1900)	ASTM E96
System air leakage rating, cfm/ft ² (L/s·m ²) Specimen 1: opaque wall; after wind conditioning @ ΔP= 75Pa (L/ (s·m ²)) Penetrations check, cfm/ft ² (L/s·m ²) Specimen 2: penetration wall; @ reference air leakage	0.0004 (0.002) 0.0004 (0.002)	ASTM E2357
Coverage: application rate, ft ² /gal (m ² /L) @ 40 dry mil thickness @ 30 dry mil thickness @ 20 dry mil thickness	39-40 (0.95-0.98) 59-60 (1.43-1.48) 78-80 (1.91-1.98)	-
Tensile Strength, lb/in ² (kN/m ²) Elongation, %	185 (1276) 296	ASTM D412, Die C
Surface Burning	Flame Spread Index - 25 Smoke Development Index - 0	UL 753 Meets Class A