



# FM ADHESIVE (VOC) TROWEL GRADE

FM ADHESIVE (VOC) TROWEL GRADE (14A)

Order No. D35690

**NOTE: This products is used for both vertical and horizontal applications.**

## DESCRIPTION

FM Adhesive (VOC)Trowel Grade is a ready to use bitumen-based cold adhesive flashing cement that contains a bituminous binder with sticking agents and solvents. They are used mainly as a mastic to set drain leads, penetration pockets, pipe flanges, metal gravel stops, etc.; as adhesives to adhere field and cap membrane plies or first base membrane ply flashing and cap membrane flashing ply onto an acceptable and properly prepared substrate; adhere permanent membrane service splices (patch repair) onto existing modified bitumen and BUR roof assemblies. This product is VOC compliant for the state of California and complies with ASTM D 4479 criteria. See published Specifications and Approved Details.

## COVERAGE & PACKAGING

Product / Property	FM Adhesive (VOC) Trowel Grade
Description	Elastomeric bitumen membrane adhesive
Installation	1/8" (3.2 mm) notched trowel applied*
Packaging	5 gallon pail (18.9L)
Application	1.5 - 2.0 gallons/100 ft <sup>2</sup> (9.3 m <sup>2</sup> ) / 2.0 to 2.5 gallons/100 ft <sup>2</sup> (porous)**

\* To ensure proper adhesion, be sure to apply adhesive to both the substrate and the flashing sheet.

\*\* Calculated for single-side application. For two-side applications, cut the coverage rates in half. Coverage rates may vary depending on ambient temperature, surface conditions, and applicator.

## APPROVED SUBSTRATES

- Sopraboard, one-eighth (1/8") inch (3.2 mm) minimum
- High Density Wood Fiber Board (HDWFB) coated six sides, one-half (1/2") inch (13 mm) minimum
- HDWFB, one-half (1/2") inch (13 mm) minimum
- Plywood, one-half (1/2") inch (13 mm) minimum, wood plank, three-quarter (3/4") inch (19 mm) minimum or structural use panels, seven-sixteenth (7/16") inch (11 mm) minimum
- ASTM C 1177 or C 1278 gypsum board, one-quarter (1/4") inch (6.4 mm) minimum
- Properly cleaned and primed metal
- Primed masonry
- Vapor retarders, Sopralene Flam 180 or Sopralene 180 SP 3.5mm (heat welded only); Elastophene HD, Elastophene 180 Sanded, Sopralene 180 Sanded, Soprabase, Modified Sopra G, hot mopped or adhered with Soprema cold adhesive to properly prepared, clean, dry and primed (where required) substrates or these membranes and base sheets are mechanically fastened to acceptable substrates prior to the application of the cold applied roof assembly. Contact Soprema for special installation requirements; see published Specifications and Approved Details.



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## LIMITATIONS

- Neither apply when ambient, membrane adhesive nor substrate surface temperatures are below fifty (50°) degrees F (10° C) or have not warmed to those minimum temperatures. All coverage rates are approximate, theoretical and do not account for waste, spillage, irregular surfaces and roof mechanic and/or roofing contractor's supervisor or Architect of Record on-site inspector instructions or their acceptance of per job application techniques. Rates also vary depending upon cold adhesive, surface substrate and surface temperature(s) during application. The contractor is ultimately responsible to determine; day-to-day limitations and when to terminate work on a given day because of those job-site limitations; how to maintain acceptable application and coverage ranges; and is responsible to complete the entire cold applied roof assembly that is acceptable to Soprema to issue a warranty and in effect successfully finished the roof assembly in accordance with Soprema General Requirements, Approved Details and Product Data Sheets and Project Specifications.
- Do not apply to a wet or damp surfaces.
- Do not apply membrane adhesive to EPDM, Coal Tar Pitch, PVC, PIB, CPE, TPO, CSPE, APP roofing systems. Contact Soprema for details.
- Use electric pail warmers to elevate flashing cement temperatures so that at point of application the minimum and raising adhesive temperatures are maintained.

## WARRANTY

Contact your local SOPREMA representative for project warranty offerings.