



CIM Bonding Agent

FOR
CIM COMMERCIAL INDUSTRIAL MEMBRANES

MATERIAL PROFILE

DESCRIPTION CIM Bonding Agent is an organo-silane compound dispersed in isopropyl alcohol. CIM Bonding Agent improves the adhesion of CIM Industrial Membranes to a variety of surfaces.

ADVANTAGES CIM Bonding Agent assists in adhesion of CIM Industrial Membranes to non-porous substrates like metal, glass and tile. It improves the bond when applying fresh CIM membrane to fully cured CIM membrane. When applying a CIM membrane to an existing CIM membrane after the recoat window has passed, it is necessary to abrade the surface and apply CIM Bonding Agent to the overlapped area. Refer to the appropriate product coating profile and application guides for specific product recoat window.

Adhesion of CIM membranes is promoted by the organo-silane compound. The isopropyl alcohol acts as a dispersant for the organo-silane compound. **DO NOT OVER APPLY THE MATERIAL.**

CIM Bonding Agent is ANSI/NSF 61 classified for contact with potable water when used as an adhesion promoter for C.I.M.'s ANSI/NSF 61 approved products.

SURFACE PREPARATIONS

GENERAL: Substrates must be **clean and dry** with no oils, grease or loose debris. See C.I.M. Industries' specific Substrate Instruction Guide for specific guidelines.

STEEL: Minimum 3 mil profile.
Immersion service – SSPC-SP10 / NACE No. 2 Near White Blast.
Non-Immersion service – SSPC-SP6 / NACE No. 3 Commercial Blast.

NON-FERROUS METALS: SSPC-SP1 solvent clean and abrasive blast to roughen and degloss surface.

OTHER: Contact C.I.M. Industries.

COLOR Clear

SOLIDS BY VOLUME <1%

RECOMMENDED COVERAGE POROUS SURFACES: 300 sq. ft./gal.
NON-POROUS SURFACES: 600 sq. ft./gal.

DO NOT APPLY MATERIAL AT HIGHER COVERAGES PER SQUARE FOOT. Applying too much CIM Bonding Agent will result in less adhesion than if the CIM Bonding Agent had not been used. When applied at the proper coverage, evaporation should occur within a few seconds.

VOC 743 g/l (6.4 lbs./gal.).
Do not use this product where solvent cleaners are prohibited.



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GENERAL APPLICATION INFORMATION

USE FOR PROFESSIONAL USE ONLY

PRECAUTIONS Avoid contamination with water or moisture. Keep all pails and jugs tightly closed until ready for use. All equipment, air supplies, and application substrates must be **ABSOLUTELY DRY**. Do not apply in wet weather or when rain is imminent or when the CIM Bonding Agent or the substrate may become wet prior to membrane application.

TEMPERATURE Surface should be dry and 5°F (3°C) above the dew point and rising as required by subsequent coatings. **To maintain effectiveness of the adhesion promoter, subsequent coatings shall be applied within 1 hour of CIM Bonding Agent application.**

EQUIPMENT Apply light fog coat with precision sprayer. Do not use brush, roller, etc. because application will be too heavy.

POT LIFE Material evaporates quickly from an open container.

MIXING Mixing not required. Shake can before use. **DO NOT THIN.**

DRYING TIME Approximately 30 minutes. Isopropyl alcohol carrier will evaporate quickly on non-porous surfaces and less quickly on porous surfaces or surfaces where wicking may occur. Failure to allow complete drying and evaporation of the isopropyl carrier will result in an incomplete cure of the CIM membrane and poor adhesion to the substrate. **ALLOW FOR COMPLETE EVAPORATION.** Surface must not appear wet or discolored before applying CIM membranes. Do not apply CIM Bonding Agent to uncured CIM membrane. **DO NOT WET SUBSTRATE PRIOR TO COATING.**

CIM MEMBRANE MUST BE APPLIED WITHIN 1 HOUR OF APPLICATION OF CIM BONDING AGENT.

CLEAN-UP Use soap and water for clean up.

CONTACT C.I.M. INDUSTRIES FOR SPECIFIC RECOMMENDATIONS AND INSTRUCTION GUIDES.

www.cimindustries.com



CIM Bonding Agent FOR CIM COMMERCIAL INDUSTRIAL MEMBRANES

SHIPPING, STORAGE AND SAFETY DATA

WARNING Flammable. Use only in well ventilated areas. Do not store or use near open flame, sparks or hot surfaces. Keep tightly closed. Avoid contact with moisture or water. Keep out of reach of children.

SAFETY INFORMATION This product contains isopropyl alcohol, organo-silane derivatives and/or other chemical ingredients. Adequate health and safety precautions should be observed during storage, handling, application and curing. Refer to C.I.M. Industries' Material Safety Data Sheets for this product for further details regarding the safe use of this product.

PACKAGING Packaged in 5 gallon and 1 gallon containers.

SHIPPING 1.0 Gallon Can

5.0 Gallon Pail

Weights 7lbs. per can (28 lbs. per case of 4)

38lbs. per pail

Properties

Flash Point (closed cup) 53°F

53°F

Shipping Name Isoproponol Mixture

Isoproponol Mixture

DOT Class Class 3, UN1219, PGII

Class 3, UN1219, PGII

STORAGE

Temperature 20°F Minimum – 90°F Maximum

Shelf Life Two years at recommended storage temperature.

NFPA Class IB

WARRANTY & LIMITATION OF SELLER'S LIABILITY

C.I.M. Industries Inc. (C.I.M.) warrants only that CIM Bonding Agent, when properly applied in the correct amount on a properly prepared surface will enhance adhesion of CIM membrane products. Due to application variables beyond C.I.M.'s control which may affect results, C.I.M. makes no warranty of any kind, expressed or implied, including that of merchantability, other than that the products conform to C.I.M.'s current quality control standards at time of manufacture. If breach of warranty is established, the buyer's exclusive remedy shall be repayment of the purchase price of the non-conforming CIM membrane product or, at C.I.M.'s option, resupply of conforming product to replace the non-conforming product. The buyer expressly waives any claim to additional damages, including consequential damages.

THE INFORMATION PRESENTED IN THIS DOCUMENT IS SUBJECT TO CHANGE WITHOUT NOTICE.



CONTACT C.I.M. INDUSTRIES FOR CURRENT INFORMATION.

FOR PROFESSIONAL USE ONLY.

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