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WC-5

VINYL ACRYLIC WEATHER BARRIER MASTIC

WC-5 is a heavy-bodied, water-based, vinyl-acrylic mastic, for use over all types of insulation systems, both indoors and outdoors. It can also be applied as a protective coating over masonry surfaces and a variety of other substrates. NOTE: Special care should be taken when applying WC-5 to foil facing as it will not always bond tightly, depending on the type of foil, test applications are recommended.

WC-5 is suitable for application by brush, trowel, or spray (application method should be specified when ordering). After drying it becomes a tough, flexible, color retentive coating which is resistant to weather, alkalis, oil, grease, moisture, and mechanical damage. Its normal recommended dry thickness for full-scale outdoor protection is 1/16" (63mils), but it also provides excellent protection at thinner thicknesses. A minimum dry film thickness of 40 mils is recommended. WC-5 should not be applied where it will be subjected to continual standing water.

WC-5 must be protected from freezing during storage. It must be protected during and after application, from precipitation, freezing, oil, grease, and foot traffic until thoroughly cured.

WC-5 is breathing-type mastic which allows water vapor to pass through it. This is a benefit because residual water trapped underneath the coating is allowed to escape in the form of water vapor. WC-5 should not be used over a low temperature system unless a vapor barrier is present.

WC-5 is USDA acceptable for use in meat, poultry, and food processing plants.

COLOR

White, E2 Gray, Green, Blue, Black
(Special colors available upon request)

COVERAGE (ASTM C 461)

13sq. ft./gal. @ 1/16" dry (63 mils.)
(.32 m²/liter @ 1.6 mm)
20 sq ft/gal @ 40 mils dry thickness
(.5 m²/liter @ 1.0 mm)

DRYING TIME (ASTM D 1640-69)

To touch: 2 hours; Through: 24 to 48 hours
(depending upon temperature, relative humidity and substrate)

WEIGHT PER U.S. GALLON (ASTM D 1475)

10.2 pounds (1.22 kg/liter)

SOLIDS

61% by weight 53% ± 2% by volume

APPLICATION TEMPERATURE RANGE

40°F (4°C) to 120°F (49°C)

SERVICE TEMPERATURE RANGE

0°F to 180°F constant (-17.8°C to 82.2°C)
-20°F to 200°F intermittent (-29°C to 93°C)

TYPICAL ELONGATION

750% (60 mils dry, @ 70°F)

FLAME SPREAD INFORMATION

ASTM E 84: 15
ASTM E 162: 14
@ 1/16" dry film (1.59 mm)

WET FLAMMABILITY INFORMATION

No flash to boiling (212°F) closed cup (ASTM D 93)

CLEANUP

Wet state – water Dry state - safety solvent

RECOMMENDED SHELF LIFE

18 months in unopened container; @40°F (4°C) to 90°F (32°C)

VOC (Volatile Organic Content, less water) ASTM D 3960

0 g/L

MEETS REQUIREMENTS FOR LEED CREDIT 4.2

CAUTION

Do not add water to this product as that will change its physical properties and performance. No expressed or implied warranty will be offered on applications where the product has been thinned or altered.

In accordance with OSHA Standard 29 CFR 1910.12 (Right to Know Law) a Material Safety Data Sheet is available for the product and all Vimasco products.

ALL VIMASCO PRODUCTS ARE ASBESTOS FREE AND CONTAIN NO LEAD OR MERCURY COMPOUNDS.

Vimasco products are designed to meet the needs of specific situations. They are warranted to be effective for their intended uses only. No further warranties are expressed or implied.

The methods and condition of application over which we can exercise no control are important factors in the performance of our products. We make specific recommendations for the application and use of all Vimasco products, but we cannot enforce our recommendations upon users; therefore, it is necessary that we state, as a condition of sale of our products, that we will replace or refund the purchase price of any Vimasco product found by our laboratories to be defective, but that we assume no responsibility beyond the purchase price of the materials. No representative of our Company, Distributor or Agent has any authority to change or extend this condition of sale.