



VIMASCO CORPORATION

PO Box 516 * Nitro, WV 25143 * (304) 755-3328
Phone toll-free (800) 624-8288 Fax (304)755-7153
www.vimasco.com

WC-1 FR

FIRE RETARDANT WEATHER BARRIER MASTIC

WC-1 FR is a heavy-bodied, water-based, breathing type mastic coating which provides weather barrier protection, and mechanical abuse protection, over a variety of thermal insulation systems. It is designed for use in areas where protection against the spread of fire is also a significant concern.

WC-1 FR is a soft, smooth, heavy-build polyvinyl-acetate emulsion with specially selected fillers and fire resistive compounds. It can be applied by spray, palm, or trowel (method of application should be specified when ordering) and has a recommended thickness of 1/16" dry.

WC-1 FR CONTAINS NO ASBESTOS, LEAD, OR MERCURY COMPOUNDS.

WC-1 FR MUST BE PROTECTED FROM FREEZING DURING STORAGE.

During and after application, WC-1 FR must be protected from precipitation, freezing, oil, grease, and foot traffic UNTIL IT IS THOROUGHLY CURED.

At freezing temperatures, water base coatings function only as weather barrier protection and not as breathing coatings.

COLOR

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

COVERAGE (ASTM C 461)

13sq. ft./gal. @ 1/8" wet
(.32 m²/liter @ 3.18mm)
(Varies according to substrate)

DRYING TIME (ASTM D 1640-69)

To touch: 2 hours
Through: 12 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

60% by weight
51 ± 2% by volume

APPLICATION TEMPERATURE RANGE

40°F (4°C) to 110°F (43°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)

FLAME SPREAD INDEX (ASTM E 84)

4 @ 1/16" dry thickness (1.58mm)

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

50 g/L

MEETS REQUIREMENTS FOR LEED CREDIT 4.2

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)

CAUTION

The addition of water or any thinning agent to this product will change its physical properties and will adversely affect its performance. No expressed or implied warranty will be offered on applications where this product has been thinned or altered in any manner.

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

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.

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.