



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 Type C

CONDENSATION CONTROL CORK-FILLED MASTIC

WC-1 Type C is a cork-filled mastic with low thermal conductivity and good moisture resistance. WC-1 Type C is used to retard condensation on the surface of piping, tanks, or other equipment which operates at a temperature below the dew point of the ambient air. It is designed for use on systems involving moderate temperatures such as cold water lines, but will not be effective on extremely cold surfaces. Normal applications range from 1/4" to 1/2" total dry thickness.

WC-1 Type C is suitable for application by trowel or spray. Surfaces to which WC-1 Type C is to be applied MUST be clean from oil or other contaminants. Carbon steel must be primed with a primer approved by Vimasco prior to application of WC-1 Type C.

After proper application and complete curing on an appropriate type of system, WC-1 Type C, provides not only condensation control, but also some additional corrosion protection and sound deadening properties. It dries to a heavily textured appearance with the cork showing through the surface of the coating.

It is recommended that up to 4 applications of WC-1 Type C be used to obtain the specified dried thickness (depending on the desired thickness and the application conditions). Each coat should be allowed approximately 24 hours drying time (depending upon ambient conditions) before applying more material over it.

WC-1 Type C is a water-based product so it poses no health or flammability hazards on the job site.

WC-1 Type C should not be applied where it will be exposed to continual standing or running water as this will eventually soften and degrade the coating.

COLOR

E2 Gray, Black (Special colors available upon request)

COVERAGE (ASTM C 461)

4.7 sq. ft/gal @ 1/4" dry thickness (.11 m²/liter) @ (6.35 mm)

DRYING TIME (ASTM D 1640-69)

To touch: 2 hours

Must have minimum of 24 hours drying time between applications.

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

7.5 pounds (.89 kg/liter)

SOLIDS

59% by weight 73 ± 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 when cured)

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)

THERMAL CONDUCTIVITY (ASTM C 518 70)

50°F (10°C) .63 btu in h⁻¹ ft.⁻² deg. F⁻¹

73°F (23°C) .64 btu in h⁻¹ ft.⁻² deg. F⁻¹

VOLATILE ORGANIC COMPOUND CONTENT (VOC)

ASTM D 3960

40gm/L, meets requirements for LEED IEQ 4.2 low emitting material

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.

WC-1 Type C must be protected, during and after application, from precipitation, freezing, oil, grease and foot traffic UNTIL IT IS THOROUGHLY CURED. It must be protected from freezing at all times prior to application during storage and shipment.

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.

7/22/13