



"Coatings and Adhesives for the World's Industries"

WC-7 VINYL ACRYLIC WEATHER BARRIER MASTIC

WC-7 is a heavy-bodied, water-based, vinyl-acrylic, general purpose mastic for use over all types of thermal insulation, both interior and exterior. It can also be applied over masonry surfaces and a variety of other construction materials. WC-7 is a breathing type mastic and is formulated to provide maximum weather protection at an economical price. It is extremely flexible when dry and makes an excellent general purpose protective coating.

WC-7 is suitable for application by spray, brush, or trowel (application method should be specified when ordering). Its normal recommended dry thickness for full-scale outdoor protection is 1/16" (63 mils). A minimum dry film thickness of 40 mils is recommended. When dry, it provides a tough, durable, flexible film which affords excellent protection from the elements, other sources of water, and mechanical abuse at a wide range of temperatures. WC-7 should not be applied where it will be subjected to standing water or where the requirement is for a vapor barrier.

WC-7 is resistant to fire, alkali, asphalt, salts, and mild acids and solvents. When properly applied and maintained, it will provide years of service life in a variety of environments. In most applications, the recommended dried film thickness for WC-7 is 1/16".

COLORS

White, E2 Gray
(other colors available upon request)

COVERAGE (ASTM C 461)

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

DRYING TIME (ASTM D 1640)

To touch: 2 hours
Through: 12 to 48 hours
(Depending upon temperature, relative humidity and substrate.)

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

10.1 pounds (1.21 kg/liter)

SOLIDS

58% by Weight
50% + 2% by Volume

APPLICATION TEMPERATURE

40 °F (4 °C) to 120 °F (49 °C)

SERVICE TEMPERATURE RANGE

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

TYPICAL ELONGATION

1,500% (50 mils dry @ 70 °F)

WC-7 CONTAINS NO ASBESTOS, LEAD, MERCURY COMPOUNDS, OR ANY HAZARDOUS INGREDIENTS.

WC-7 must be protected from freezing during storage. After application, until thoroughly cured, it must be protected from precipitation, freezing, and foot traffic.

When used on insulating cement, WC-7 should not be applied until the cement has dried thoroughly.

FLAME SPREAD INFORMATION

Flame Spread Index : 23
(ASTM E 84)

Flame Spread Index 34
(ASTM E 162)

tested at 1/16" dry (1.59mm)

WET FLAMMABILITY INFORMATION

No flash 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)

DOES NOT REQUIRE THINNING

The addition of water 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 the product has been thinned or altered in any way.

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