

Versatile Penetrating Masonry Sealer

For Professional Use Only

DESCRIPTION

- Water-based pure, acrylic, non-yellowing, penetrating Masonry Sealer.
- May be used as primer or sealer.
- Excellent penetration and adhesion to masonry surfaces.
- Rapid drying water-based technology.
- Compatible with most types of top coats.
- Saves money by reducing the absorption of top coats into the substrate.
- Low VOC technology meets most VOC regulations.
- Primer for green concrete/stucco.
- Easy to apply - applies milky and dries clear.

RECOMMENDED USES

Excellent sealer for vertical Masonry surfaces including brick, stucco, concrete, EIFS, tilt-up, split block, fluted block, concrete block, adobe, and masonite.

Stabilizes chalky surfaces.

Green Concrete/ Masonry Primer.

Using as primer optimizes the performance of any coating system.

Property	Result
Volume Solids	25% $\pm$ 2%
Weight Solids	27% $\pm$ 2%
Weight per Gallon	8.6 lbs per gallon $\pm$ 0.2
VOC	<100 g/liter
Clean Up	Water
Shelf Life - Unopened	12 months @ 40-90°F
Viscosity	200 $\pm$ 100 cP

COLORS

Clear

PACKAGING/SHIPPING INFORMATION

CONTAINER SIZE	SHIPPING CLASS
55 Gallon drum (208.2 liters)	Class 55
5 Gallon pail (18.9 liters)	Class 55
2 Gallon pail (7.6 liters)	Class 55

SURFACE PREPARATION

General: Surfaces to be coated should be clean, dry, and free of dust, dirt, oil, loose granules, peeling coating, or other foreign matter.

APPLICATION

Product does not need dilution. This product may be brushed, rolled, or sprayed on a clean, dry surface. If the material is sprayed, it should be back rolled. For details, see Equipment Recommendations at the end of this sheet.

APPLICATION PROPERTIES

Yield (1 gal to 150 sq ft)	5 dry mils
Dry Time (75° F)	2 to 3 hours
Recoat Window	2 to 3 hours
Complete Cure	5 days

May be top-coated with water-based or oil-based paints.

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RECOMMENDED APPLICATION RATES

Substrate*	First Coat (Gal/100sq.ft)	Final Coat (Gal/100sq.ft)
Brick	3/4	1/2
Stucco	1 1/4	3/4
Concrete	1	1/2
EIFS 1	1/4	3/4
Tilt-Up	0.5	1/3
Split Block	2.0	1.0
Fluted Block	2.0	1.0
Concrete Block	1 1/4	3/4
Adobe	1.0	0.5
Masonite	3/4	1/2
Chalky Surface	1/2	1/2

*Note: for green concrete or fresh stucco, a minimum 10-day cure is required.

ENVIRONMENTAL CONDITIONS

This product cures by water evaporation only. The product must not be applied when the ambient temperature is below 50°F or if there is any possibility it could fall below 32°F within 24 hours of application. Application is not recommended if rain or dew is likely to occur before the product dries. In high humidity conditions, late afternoon applications should be avoided as overnight dew formation on an uncured surface can cause coating wash-off. On marginal days, multiple applications of thin coats can ensure proper drying before rain or overnight freezes.

LIMITATIONS

The surface must be clean and dry. Do not apply when air or surface temperature is below 50°F or above 110°F. Surface temperature must be at least 5°F above the dew point. For optimum application properties, bring the material to 60-80°F (16-27°C). Do not apply when inclement weather is imminent. Complete cure of Forticoat MS requires complete evaporation of water. Cool temperatures and high humidity retard cure. Service temperatures must not exceed 180°F.

SAFE PRACTICES

This product is designed for professional installation. Before working with this product, you must read and become familiar with the available information on its risks, proper use, and handling. Information sources include but are not limited to MSDS and product labels. More resources are available at polyurethane.org, sprayfoam.org, www.forti-systems.com, or by contacting your FortiSystems representative directly.

EQUIPMENT

Airless Spray: Minimum 1 gallon per minute pump; .011"-.013" tip; 1800-2400 psi; 1/4" high pressure material hose.

Conventional Spray: DeVilbiss MBC-510 gun; E tip; 704 Air Cap; 3/8" ID material hose; double regulated pressure tank with oil and moisture separator; 20 psi fluid pressure; 40-60 psi air pressure.

Brushes: Use nylon or polyester brushes.

Rollers: Use 1/2" to 3/4" synthetic roller covers.