ENVIRO SHIELD™ MASONRY 3000 WATERPROOF LATEX COATING

DESCRIPTION AND USES

EnviroSHIELD™ Masonry 3000 Waterproof Coating forms an impermeable barrier to water on interior or exterior, vertical or horizontal concrete block and cast-in-place concrete. Backed by a 15 year waterproof and 10 year mold and mildew resistant finish guarantee, it stops moisture from entering or exiting a concrete surface. Masonry 3000 can be used to stop moisture from entering basement or cellar walls and concrete subfloors and will stop water from exiting when applied to canals and holding basins. This coating can also be used as a block filler for commercial applications such as car washes and garages where high performance topcoats are applied. It is not recommended for use in swimming pools or use in contact with potable water. See limitations.

Meets ASTM D-7088 Resistance to Hydrostatic Pressure, ASTM D-6904 Resistance to Wind Driven Rain and ASTM D-5590 Fungal Defacement Test.

Apply to seal interior or exterior, vertical or horizontal concrete block and cast-in-place concrete.

PERFORMANCE CHARACTERISTICS

Blocks 20 PSI of water pressure
15 Year Waterproof Guarantee
10 Year Guaranteed Mold & Mildew Resistant Finish

PRODUCTS

SKU	DESCRIPTION
334377	1 Gallon
334378	5 Gallon Pail

PRODUCT APPLICATION

SURFACE PREPARATION

Clean porous surfaces like uncoated concrete block by sweeping or blowing down with oil-free, compressed air. Wash, vacuum, scrape, wire brush or mechanically abrade dense concrete surfaces. If surfaces are pressure washed, allow to dry three days prior to coating. Remove mildew or efflorescence. Rinse the surface thoroughly after chemical cleaning. Un-rinsed acid salts may cause premature coating failure. Surface can be damp but not glistening with water at time of application. Masonry 3000 can be applied over previously painted surfaces. However, the waterproofing ability is dependent upon the integrity and moisture resistance of the prior coating. For maximum waterproofing performance, apply over uncoated surfaces.

PRODUCT APPLICATION (cont.)

SURFACE PREPARATION (cont.)

Soundness of Surface: Surface of concrete and mortar joints must be hard and firm, not loose or sandy. The surface is unsound if it can be scraped or gouged with a flat screw driver using moderate pressure. Unsound mortar or deteriorated concrete should be removed and repaired prior to coating. Cracks and joints must be sealed. When waterproofing exterior, above grade walls, parapet walls must be capped and the backside sealed with a flexible waterproofing membrane.

WARNING! If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-Approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

APPLICATION

Mix thoroughly to ensure any settled pigment is re-dispersed before application. DO NOT THIN. Apply only when air, material, and surfaces temperatures are between 50-90°F (10-32°C) and the relative humidity less than 85%. Coating can be tinted to off-white and pastel shades by adding no more than 1.5 to 2 ounces of universal colorant per gallon.

Apply two or three coats, depending on the surface and job requirements to form a continuous pin-hole free coating. For maximum protection and to achieve 20 lbs. of water pressure resistance, brush in the first coat. Apply the first coat using a high quality synthetic brush or ¾" nap roller. Masonry 3000 can be spray applied with an airless sprayer or conventional sprayer.

Follow manufacturer's application instructions. If using a roller, back brush the first coat to work the coating into the concrete pores. It is more important to work the first coat into the surface than for it to hide the substrate. The second coat can be rolled or brushed on. For very porous or rough surfaces, a third coat may be required if pin-holes are evident.

Form: ARJ-1518
Rev.: 042219

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PRODUCT APPLICATION (cont.)

DRY TIME

Dry and recoat times are based on 70°F and 50% relative humidity. Lower temperatures and higher humidity will increase dry time. Dries to the touch in 2 hours. Allow the first coat to dry a minimum of 2 hours before applying the second coat. After the second coat has dried, inspect the surface for pinholes. Reapply additional paint to those areas as necessary. Protect from rain for 8 hours after application.

LIMITATIONS

Masonry 3000 is not an elastomeric and will not expand and contract with movement in the substrate. It will not provide protection against moisture penetration through cracks in mortar, expansion joints or junctures between dissimilar materials. It will not penetrate and fill inaccessible surfaces, unopened bug-holes, raked mortar joints, etc. Do not use on glazed or non-porous surfaces.

PRODUCT APPLICATION (cont.)

CLEAN UP

Clean application tools immediately after use with paint thinner (mineral spirits). Wipe up splatters before they dry. Follow equipment manufacturer's directions to clean spray equipment. Dispose of unused or unwanted product in accordance with local laws regulating solvent-based coatings. **Protect from freezing.**

STORAGE

Store locked up in a well-ventilated place. Keep container tightly closed.

PHYSICAL PROPERTIES

		MASONRY 3000 WATERPROOF LATEX COATING
Resin Type		Styrene Acrylic Copolymer
Solvents		Glycol Ethers, Texanol, Water
Weight	**Per Gallon**	11.8 lbs
	Per Liter	1.42 kg
Solids	**By Weight**	62%
	By Volume	42.3%
Volatile Organic Compounds		<100 g/l
Recommended Dry Film Thickness (DFT) Per Coat		5-6 mils (125-150µ)
Wet Film to Achieve DFT (Unthinned material)		12.0-14.0 mils (300-350µ)
Practical Coverage at Recommended DFT (assume 15% material loss)		95-115sq. ft./gal.
Dry Times at 77°F (25°C) and 50% Relative Humidity	**Touch**	2 hours
	Recoat	2-3 hours
Shelf Life		5 Years
Flash Point		>200°F (93°C)
Safety Information		For Additional Information, See SDS

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