

SILOSEAL WB™

Anti-Graffiti Sealer

MANUFACTURER

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PRODUCT DESCRIPTION

SILOSEAL WB is a water-based, breathable, gloss-free, non-yellowing, penetrating sealer for protection of surfaces subjected to graffiti and moisture penetration. **SILOSEAL WB**'s formula is water-based, low odor, and VOC compliant. **SILOSEAL WB** protects surfaces invisibly without significantly changing the aesthetic beauty of the building or structure.

SILOSEAL WB penetrates and chemically bonds with the reactive OH groups in stone, concrete and masonry to form a stubborn, invisible, chemical barrier that reduces moisture penetration and helps facilitate the removal of graffiti from building surfaces, limestone, concrete, marble, masonry, block, metal and wood surfaces, with minimal staining.

Basic Use: **SILOSEAL WB** is a protective anti-graffiti barrier for schools, parking decks, overpasses, tunnels, ramps, highway sound barriers, bus and truck terminals, train and rapid transit stations, terraces and other urban buildings. **SILOSEAL WB** may be applied over most painted and metal surfaces.

Treated concrete precast members, architectural concrete, stucco, brick, granite, marble, limestone or exposed aggregate surfaces are sealed against moisture, mildew and graffiti penetration, and are easy to cleanup.

FEATURES & BENEFITS

- Effectively reduces the adhesion of graffiti to treated surfaces.
- Does not yellow, discolor, or darken surfaces.
- Reduces moisture penetration.
- Protects from environmental stain buildup.
- Effective treatment for marble, granite, slate, limestone, concrete, brick and masonry.
- High moisture vapor transmission rate.

ESTIMATING

This product is available in 1 gal. (3.8 liter), 5 gal. (18.9 liter) pails, and 55 gal. (208 liter) drums. Containers are clearly identified with product name and batch code.

TECHNICAL DATA

Applicable Standards:

VOC Compliant
SS-W-110C
ASTM-E-96
ASSTM-E-514

SILOSEAL WB Properties:

Final Cure	-	24-48 hours
Graffiti Cleanup	-	Good
Accelerated weathering, ASTM-623, 10,000 hrs.		No Change
Perm Rate (ASTM E-96-94, Dry Desiccant Method) Average	5.394	
Surface Gloss	-	Minimal
Surface Yellowing	-	None
Wind Driven Rain Test (ASTM-E-514)	Passed	
VOC gms/liter	-	25

INSTALLATION

Surface Preparation: Surfaces to be treated must be structurally sound, clean and dry.

Application: Apply uniformly to clean, dry surfaces by low pressure spray, bristle broom, or roller. For coverage rate consult chart on back.

Flat Work: Apply a saturating coat at the required rate for a few minutes. Broom out puddles until they completely penetrate.

Vertical Surfaces: For best results break surface tension with fog coat, then apply to saturation level, with a minimum 6-inch run down. Apply evenly to prevent streaking. Avoid application to damp surfaces or in wet weather.

Cleanup: Clean equipment with mild soap and water.

Graffiti Removal: The effective removal of graffiti is determined by the age and durability of the graffiti. The more resistant the graffiti, the more aggressive the remover required to remove graffiti.

To clean graffiti from **SILOSEAL WB**-treated surfaces, spray stained areas with cleaner, such as L&M **CITREX** or **EXXIT**. Keep surfaces wet with the cleaner for approximately five minutes. Scrub surfaces clean and rinse with water. After surfaces dry retreat the cleaned surfaces with a light coat of **SILOSEAL WB** for continued protection. Contact L&M Technical Department for specific applications.

Application: Uniformly apply directly to the clean, dry, porous concrete surface by airless spray, roller or brush at the rates specified. After the first coat dries (4-24 hours),



SILOSEAL WB



apply the second coat at specified rate. Do not puddle.

Clean-up: Clean equipment after use immediately with MEK, lacquer thinner or warm soap/water.

FOR BEST RESULTS:

Surfaces must be dry prior to application. The surface temperature must be above 40°F (4°C) and rising. Avoid applications on extremely hot and windy days. Surface irregularities may be enhanced with the use of this product. Test applications are recommended.

For continued protection, re-apply to treated surfaces after graffiti removal and cleaning. Periodic reapplications are recommended for continued long-term protection to concrete and masonry surfaces.

PRECAUTIONS

Wear protective gloves and goggles. Protect plants and vehicles from overspray. Please refer to the material safety data sheet (MSDS) for more detailed information.

STORAGE/SHELF LIFE

SILOSEAL WB containers are to be stored in a clean, dry area between 45°F and 95°F (10-35°C). Shelf life is a minimum of one (1) year in unopened containers. Protect from freezing.

FAX ON DEMAND/WEBSITE

L&M's exclusive Fax On Demand and its convenient internet website offer instant access to Technical Data Sheets, Material Safety Data Sheets, product updates, and other useful information. Simply dial 800-839-9887 or visit www.lmcc.com and follow the easy steps.

SHORT SPEC

09860: Graffiti Resistant Coating: shall be a clear, waterborne penetrating, one component treatment for protecting vertical surfaces subject to repeated graffiti attacks. "**SILOSEAL WB**" as manufactured by L&M Construction Chemicals, Inc

LIMITED WARRANTY

This product is warranted to be free of defects in material and workmanship, and conform to L&M Construction Chemicals ("L&M") quality control standards. All recommendations, statements and technical data herein are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty or guaranty of any kind, expressed or implied including but not limited to, an implied warranty of merchantability or an implied warranty of fitness for a particular purpose. Satisfactory results depend upon many factors beyond L&M's control. User shall rely on his or her own information and tests to determine suitability of the product for the intended use and user assumes all risk, loss, damage, expense and liability resulting from his or her direct use, indirect use or consequential to their use of the product. L&M shall not be liable to the buyer or any third person for any injury, loss or damage directly or indirectly resulting from use or inability to use the product. L&M's sole responsibility shall be to replace that portion of the product which proves to be defective. Any warranty claim must be made within six (6) months from the date of the claimed breach. This limited warranty applies only if the product was properly installed and used according to all instructions and was properly stored prior to use.

For Professional Use Only.

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COVERAGE RATE OF SILOSEAL WB

Surface Porosity Determines Coverage Rate Necessary for Effective Protection

<u>Material Treated</u>	<u>Approximate Coverage</u>	
	<u>Sq.ft./gal.</u>	<u>M²/liter</u>
Marble, Granite, Tile	300-350	7.5-9.0
Aluminum or Steel Panels	250-300	6.0-7.5
Limestone, Dolomite	200-300	5.0-7.5
Precast Concrete	125-200	3.0-5.0
Cast in Place Concrete	100-200	2.5-5.0
Brick & Stucco	125-150	3.0-4.0
*Concrete Block (smooth surface)	80-100	1.0-2.0 (Test recommended)

*Not recommended for rough or extremely porous surfaces. Test all surfaces to determine suitability and appearance approval. One coat recommended on most applications.