

SEALER BOSS

Siloxa XR-75

TECHNICAL DATA SHEET

Invisible Penetrating Sealer

WATER-BASED SILOXANE / SILANE WATER REPELLENT



Sealer Boss Siloxa XR-75 is a 7.5% active water-based siloxane/silane water repellent and impregnating agent for porous masonry surfaces such as concrete, block, brick, and unglazed tile. Sealer Boss Siloxa XR-75 will penetrate and chemically bond deep within the substrate to provide long lasting protection against deterioration or staining due to water conditions. Sealer Boss Siloxa XR-75 will not impair the natural breathing characteristics of treated substrates, nor will it produce a film. Sealer Boss Siloxa XR-75 will help concrete and masonry surfaces to resist common issues such as cracking, efflorescence, spalling, staining, and other damages caused by intrusion of water.

KEY FEATURES & TYPICAL BENEFITS

- Deeply penetrating porous surfaces, it provides superior water repellency, while allowing surface to breathe.
- Containing zero VOC's and being solvent free allows for safe application in occupied buildings.
- Provides excellent resistance to mold, mildew, and fungus.
- Superior efflorescence and strong alkali resistance compared to common solvent based acrylic sealers.
- Contains 0 g/L VOC content making this product legal for sale to all regions of the US and Canada.

RECOMMENDED APPLICATIONS

Effective on unsealed applications such as...

- Broom Finish Concrete
- Masonry Block
- Fired Clay Brick
- Concrete Pavers
- Concrete walls

TYPICAL PROPERTIES & TECHNICAL INFORMATION

PROPERTY	VALUE
Solids/Active Content, Percentage by weight	7.5% +/- 1%
Dry Time	1 - 2 hours
Dry Time - Foot Traffic	8 hours - 12 hours
Dry Time - Heavy Traffic	24 hours - 48 hours
Re-Coat Time Window	See instructions
Application Temperature	50°F - 80°F
VOC (Volatile Organic Compound) Content	0 grams/Liter
Appearance - Wet	Milky White
Appearance - Dry	Clear and Invisible

Information above is based on lab temperatures of 70° - 72°F at 50% RH. Using this product outside these conditions may affect the accuracy of the information above. Always test prior to use!

SPECIFICATIONS / COMPLIANCES | ZERO VOC PRODUCT

- Dried coating is USDA accepted.
- Meets OTC, CARB, LADCO & SCAQMD VOC restrictions.

ALWAYS REFER TO SDS & READ FULL TECH DATA SHEET AND WARRANTY INFORMATION PRIOR TO USE.
FOR PROFESSIONAL USE ONLY

APPLICATION INSTRUCTIONS

SURFACE PREP: Prior to surface preparation, protect people, property, automobiles, plants and any other non-masonry surfaces and objects from the material, wind drift, splash, residue, and fumes of the material. Protecting and diverting pedestrians and automobile traffic is also recommended.

Surfaces to be treated with this product must be bare, unsealed surfaces free of any previous sealers/treatments. Pressure wash the surface with a high psi pressure washer to ensure all dirt, mildew, etc. is completely removed. If needed, use the proper cleaning detergent for the substrate at hand. It is necessary that this product be applied on a clean, visibly dry and absorbent surface. Please note that excessive moisture inhibits good penetration, which can reduce the life and performance of the sealer. Do not apply this product the same day as cleaning the surface.

The temperatures of the air and the surface are very pertinent aspects of applying any sealer. The minimum temperature of the air and surface must be at least 40°F during application, and for at least 8 hours after. If freezing conditions exist prior to application, it is highly recommended that the substrate be allowed to fully thaw. Should this recommendation not be followed, the product may not yield adequate protective properties. Also, air and surface temperatures should never exceed 80°F.

MIXING: Stir well before using. Material may separate during long term storage.

COVERAGE RATE: 100 - 300 ft² per gallon*

Coverage rates may vary depending upon surface porosity, texture, application method and prior sealer application. Excessive build up must be avoided. Do not allow to dry in a film on the surface.

APPLICATION: Always test any substrate before overall application to ensure desired results. For best results a “wet-on-wet” two coat application is recommended. Apply this product using a low-pressure pump or HVLP sprayer with a psi no greater than 50 psi. Set the sprayer to achieve a controlled, wet spray and avoid atomization of the product. For a “wet-on-wet” application, allow the first application to soak in for 3-8 minutes then apply more material to the entire surface or areas that have completely soaked in. Less material may be necessary for the second coat depending on the surface porosity and application rate of the first coat. Wear clean shoes or cleated shoes to avoid leaving dirt in the material. After 3-8 minutes, use a brush and/or dry roller to soak up or work in any puddled material on the surface. DO NOT allow this product to dry in a puddle on the surface. Treated surfaces should dry to touch in approximately one hour. Let the test area dry completely before final inspection and approval. A neutral pH surface may need several days to achieve full water repellency.

VERTICAL APPLICATION INSTRUCTIONS: For best results, apply this product “wet-on-wet” at a rate of 100-300 sq. ft. per gallon depending upon surface type and porosity, to a dry and absorbent surface. Using a sprayer, saturate from the bottom up then back down while applying enough material to thoroughly saturate the surface. Let the first application penetrate the substrate for at least 5-10 minutes. Re-apply the material if necessary. Brush or roll out heavy runs and drips that show signs of no penetration.

RE-SEAL: When darkening of the surface begins to occur due to water absorption, re-apply this product as needed for continued protection.

PLEASE NOTE: It is always recommended to test the product in a small, inconspicuous area (on the same concrete substrate) for desired results prior to application. Coverage rates may vary for all sealers and substrates depending on porosity, density, texture etc. Extending coverage rates and applying less material may limit performance expectations.

PRECAUTIONS AND LIMITATIONS

- This product will freeze during storage. Store at temperatures above 40°F.
- All HVAC ventilation ducts should be somehow blocked prior to application so solvent fumes are not distributed.
- Do not allow this product to be subjected to any form of rain or moisture for 18-24 hours after application.
- It is not recommended to apply product over carpet, tile, or other types of floor adhesives.
- This product performs best when applied as one or two medium-light coats, not one heavy coat.
- This product was designed for a water repellent for porous surfaces. Not intended as a decorative top coat.
- Please know that it may take up to 72 hours for this product to obtain its full water repellency properties.
- It is not recommended to thin product. Improper thinning may cause sealer to delaminate in a short time frame.
- This product may darken the surface of many new and existing concrete slabs. Test prior to use.
- Adhesion of cementitious coatings, stucco, plaster, etc., may be adversely affected.
- This product will not keep water out of cracks, defects, or open joints.

CLEAN-UP: Use soap and warm water. Dispose of containers in accordance with local, state and federal regulations.

PRODUCT REMOVAL: Coating deeply penetrates surface. Removal is not recommended.

SHELF LIFE: Up to one year from manufacture date in its original, unopened container stored at room temperature.

PACKAGING: Available in 1 gallon, 5 gallon and 55 gallon containers.

Always read all technical information, label and SDS prior to use.