

SILOXA-TEK® 8500

With Oil Repellent Additive

Siloxa-Tek® 8500 with Oil Repellent Additive is an advanced, high performance, industrial strength water based concrete/masonry water repellent solution designed to reduce water and moisture intrusion and prevent staining. This unique formula incorporates leading molecular nanotechnology; putting an end to water and moisture migration through any porous cementitious substrate. Siloxa-Tek® 8500 is a uniquely transparent, blended formula with added enzymes and surfactants that aide in accelerating a penetrating disbursement. Thus eliciting a more effective, uniformed reaction between the formula and the concrete / masonry substrate it's being applied to. Siloxa-Tek® 8500 provides a hydrophobic barrier beneath the surface and seals out moisture and stains while remaining highly vapor permeable and chemically bonding with the substrate. The treated surfaces will show no change in visual appearance from application and the surface that will not chip, flake, delaminate or breakdown with UV light exposure.

Applications:

- Concrete blocks, concrete cinderblocks, split-face block
- Driveways, sidewalks, parking garages, roof tiles and parking lots
- Stucco, brick, clay tile, slate, sandstone, pavers, exposed aggregate concrete
- Natural and artificial stone
- Vertical and horizontal, interior and exterior, new and old concrete surfaces

Benefits:

- Prevention from freeze-thaw attack and ASR by preventing the ingress of water.
- Provides excellent oil repellency resisting staining.
- Makes oil and grease easier to remove from treated surfaces decreasing maintenance requirements.
- Physically and chemically bonds to substrates increasing the lifespan and making cleaning easier; reducing maintenance costs.
- Prevents further damage to reinforced concrete by limiting the substrate water content, chloride and other aggressive salts.
- Provides increased protection as a hydrophobic barrier to prevent future penetration of water and soluble aggressive agents through a crack.
- Provides protection from spalling and pitting as a result of aggressive salts and chlorides.
- No change in appearance of the substrate; the treated surface does not become glossy.
- Alkali resistant.
- Freeze-thaw/de-icing salt resistant.
- UV resistant.
- Reduces vapor transmission.
- Water beading (water repellent effect).
- Reduction of dirt pick-up.
- Reduces risk of efflorescence.
- Protection against micro-organism growth
- Effective penetration depth.
- Seals pores and capillaries while remaining breathable.
- Tack free, durable finish.
- No formation of harmful by-products.
- Low VOC's
- Supplied ready to use.
- Easy to Apply.

Precautions: Avoid contact with skin, eyes and clothing. No respirator is needed when applying this product. Wash hands after use and do not take internally. Please refer to the product Material Data Safety Sheet (MSDS) before using.

Preparation: The preparation process should be followed to ensure adequate penetration and optimum performance. The concrete substrate must be structurally sound, thoroughly dry and clean. Remove all paints, sealers and/or adhesives before application. The substrate must be clean of oil, grease, dirt, wax, curing compounds, efflorescence and other contaminants that might interfere with the penetration of the sealer. If acid is used to clean the concrete, neutralize the surface completely and rinse it with water prior to application. New concrete must be cured at least 28 days.

Prior to Application: Test the sealer in an inconspicuous area to ensure the desired coverage and appearance is achieved. Make sure the entire surface is completely dry and free of dust, dirt and debris. Cover all surrounding areas not intended to be coated.

Application: Stir the material before using. Apply with a low pressure, high volume pump sprayer, brush or roller. Apply until the surface is saturated but not to the point of puddling. Do not over-apply. If over-spray occurs it should be cleaned and removed immediately after sealing. Apply two coats using a wet-on-wet procedure to ensure complete coverage.

General Application Notes:

New Concrete: New concrete must be cured 28 days.

Application Temperature Limits: 45°F to 90°F.

Drying Time: 24 hours.

Number of Applications Required: Two coats wet-on-wet.

Time Requirements: Limited initial surface repellency. Stain resistance begins to develop within 24 hours and is complete within one week. Beading generally improves over time.

Color: White opaque emulsion. Dries clear. This product does not change the overall appearance of the substrate. After the material is applied and allowed to dry for 24 hours, it will not be readily apparent an application has occurred.

Sheen: Natural Finish. No sheen but water will bead off the surface exhibiting excellent water and stain repellency.

Painting or Coating Preparation: Do not apply another sealer or coating except multiple coats of this product.

Maintenance: Occasional cleaning as needed.

Storage/Shelf Life: Twelve months in an unopened container when stored between 50-80 degrees F.

Coverage: Up to 250 sq. per gallon

VOC's: 90 g/L

Special Considerations:

- Will not prevent water penetration through structural cracks, defects or open joints.
- If water-beading effect begins to fade reapply another coat.
- Prevent from getting on glazed and finished surfaces such as glass, aluminum etc. In case of contact flush immediately with water.