

CRYLI-TEK® 5500

Technical Data Sheet

Cryli-Tek® 5500 is an advanced, high performance, industrial strength, environmentally friendly decorative sealer that provides a breathable and enhanced surface appearance. This unique formula leaves the surface with a subtle satin sheen and clear, non-yellowing, matte finish. Cryli-Tek® 5500 is specially formulated to seal decorative and residential concrete while enhancing the color of stamped concrete, exposed aggregate, and colored concrete pavers; giving these surfaces a deeper, richer appearance. Cryli-Tek® 5500 gives concrete a subtle, satin finish that highlights the color and texture of surfaces without excessive shine or slipperiness. Since Cryli-Tek® 5500 is a water based acrylic sealer, it meets all VOC requirements including states like California. Cryli-Tek® 5500 offers excellent resistance to water blushing without the objectionable solvent odors associated with solvent based sealers. This product has an extremely fast set time and an unsurpassed stain resistance. The treated surfaces will not chip, flake, delaminate or breakdown with UV light exposure.

Recommended Applications

- Floors, driveways, patios, pavers, stamped concrete
- Dyed, stained or colored concrete
- Exposed aggregate concrete
- Natural and artificial stone

Advantages

- Effectively seals brick, pavers and stamped concrete against the ingress of water.
- Provides high chloride screening capabilities, suitable for protecting all but high traffic surfaces in salt exposed conditions.
- Extremely resistant to weathering effects and provides a uniform and easy to clean surface.
- Provides resistance to carbonation and a wide range of weak acids and alkaline solutions.
- Aesthetically enhances and protects concrete and masonry subject to normal hydrothermal (non crack inducing) movement.
- Durable satin finish.

- Breathable, allowing vapor diffusion in accordance with building physics.
- Inter-coat adhesion allows for easy repair and simple recoating after cleaning.
- Clear decorative properties for stone/concrete and exposed aggregate.
- Wind erosion and general exposure resistant.
- UV resistant.
- Reduction of dirt pick-up.
- Protection against of micro-organism growth.
- Reduces dusting.
- Supplied ready to use.
- Easy to apply.
- No formation of harmful by-products.
- VOC compliant.

Technical Information

New Concrete: New concrete must be cured 28 days.

Application Temperature Limits: 60-100 degrees F.

Relative humidity below 85%

Number of Applications Required: One coat.

Coverage: Up to 250 sq. ft. per gallon per coat.

Drying Time: 3-5 hours.

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

Color: Dries clear.

Sheen: Satin Finish.

Maintenance: Occasional cleaning as needed.

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

VOC's: 80 g/L

Application Notes

- For best results use a sprayer or a good quality 3/8" nap roller.
- Do not apply this product to areas where there is standing water.
- Do not apply too thick of an application
- Do not use in immersion service or constant chemical exposure areas.

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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.

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. The surface-zone moisture content of the concrete should not exceed 4 wt%. Cover all surrounding areas not intended to be coated. Stir the material before using. Apply with a low pressure, high volume pump sprayer, brush or roller. Apply in a thin, even coat. Do not over-apply. If over-spray occurs it should be cleaned and removed immediately after sealing.