

Silica Shield - Stain

Description:

An inorganic, mineral based, silicate stain for inorganic substrates such as concrete, masonry, stucco, natural stone and unglazed clay tiles. Silica Shield-Stains penetrate into the surface and form a chemical bond to the inorganic substrate. They color the substrate without giving it a painted appearance. Silica Shield-Stain is available in a highly transparent (T) and a semi-transparent (ST) formula.

Uses: Transparent (T) and semi-transparent (ST) stain for absorptive:

- Concrete
 - Concrete block
 - Stucco – cement plaster
 - Natural stone – sandstone
 - Concrete Pavers
 - Unglazed clay tile
 - Cement board
 - Driveways
 - Patios
 - Floors
 - Walls
 - Artificial Rock Formations
 - Precast Concrete
 - Roof Tile
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Advantages:

- Inorganic – mineral based
 - Environmentally friendly
 - Chemically bonds to the substrate
 - Zero to low VOC content
 - Long life expectancy
 - Fungus, Algae, and Mold resistant
 - Breathable
 - Penetrating
 - Water resistant
 - UV Resistant
 - Color Fast
 - Acid Resistant
 - Easy Application
 - Create unique finishes
 - Protects the substrate
 - Non - Combustible
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Colors: Available in thirty standard colors and an unlimited number of special order colors.

Packaging:

Silica Shield-Stain is available in 1 quart, 1 gal., 2 gal., and 5 gal. containers.

Coverage:

Coverage can vary dramatically depending on the substrate and the desired look. (100-500 sq. ft. per gallon. Approx)

Storage:

- Keep containers tightly sealed.
 - Protect from freezing.
 - Keep out of direct sunlight.
 - Store in a cool area.
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Application:

- All surfaces must be clean, free of any dirt, oil, release agents or substances, which inhibit penetration and bond. Substrate should be dry and absorbent. All fungi, algae, or mold must be removed.
 - Allow new concrete and plaster to cure a minimum of 7 days. 21 days recommended.
 - Always test a small area prior to application.
 - Do not apply in direct sunlight or high heat, which may cause too rapid curing.
 - Apply Silica Shield-Stain by brush, roller, sprayer or cloth pads.
 - Do not allow material to puddle.
 - Recommended recoat time is 1-2 hours.
 - Silica Shield-Stain may be applied over Silica Shield-Paint or Plaster to create unique finishes.
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Clean up:

- Clean equipment with warm soapy water immediately after use.
 - Do not dispose of in plumbing drains or storm drains.
 - Allow waste to dry and then dispose of properly.
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Limitations:

- Highly alkaline – protect eyes and skin.
 - Will etch Glass and metal surfaces – wash with water immediately.
 - Do not apply when temperatures are below 40° F or above 100° F.
 - Allow 24 hours to cure before rain, inclement weather, or water exposure.
 - Not recommended for water containing structure.
 - On wear surfaces, a clear protective coat is recommended for extended life expectancy.
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Related products:

- Silica Shield-Paint
 - Silica Shield-Plaster
 - Silica Shield-Primer
 - Silica Shield-Sealer
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