

# CSI Penetrating Sealer

Technical Data Sheet 32.0509DS

## Description

CSI Penetrating Sealer is a modified acrylic-siloxane emulsion designed to penetrate into the surface of concrete to form a strong, breathable barrier that reduces water migration, dusting, staining and freeze-thaw damage and mildew growth. It is intended for use on either colored or uncolored, flat, embossed or precast concrete surfaces. This product is supplied as an environmentally friendly, VOC compliant, water-based system requiring no special storage or handling beyond protection against freezing.

## Product Benefits

- Protects the life and color of existing colored concrete surfaces
- Reduces tendency of concrete to dust
- Reduces spalling, efflorescence and staining
- Reduces mildew growth
- VOC Compliant, non-yellowing and non-flammable
- Chemical and stain resistant
- Protects the surface without changing the natural, unsealed appearance
- Tinted version restores original appearance of aged surfaces
- Tinted version evens out color of newly poured slabs
- Tinted versions enables contractor to add color to uncolored surfaces

## Pre-Application

• Surface must be structurally sound, clean, free of dust, dirt, efflorescence, release agents, paint or other contaminants. Surface must be slightly porous to allow penetration. The surface may be damp but not wet. Surface temperature should be between 50 and 80 degrees. The surface may be dampened with water to achieve these temperatures but should not be wet. To determine if the surface is too wet or insufficiently porous, sprinkle a few drops of water onto the surface. If the drops remain after about one minute, the surface is too wet or too smooth.

- **Freshly placed concrete:** Surfaces must be finished and may be damp but not wet. The surfaces may be treated as soon as the forms have been removed and the surface cleaned.
- **Existing concrete:** Prior to the application, all surface defects should be repaired. Concrete should be dry to achieve maximum adhesion.

*Note: If applied improperly or too heavily, surface may whiten or peel.*

## Application

1. CSI Penetrating Sealer can be applied within hours of concrete placement or stamping.
2. Apply with an airless sprayer or lambs wool roller in thin even coats. A pump-up garden sprayer can be used if equipped with a fan spray tip.

3. Brush or roll out any puddles and allow 24 hours before foot traffic and 72 hours before vehicular traffic.

4. Avoid glossy build ups as product is not intended as a wear surface.

*Note: Clean application equipment promptly with soap and water.*

## Limitations and Precautions

- Do not apply to dense, non-absorptive surfaces.
- Do not apply when air and substrate temperatures are less than 50 F.
- Do not apply to surfaces that are hot to the touch.
- Keep from freezing.

## Coverage Rate and Drying Times

Each gallon will cover 100 to 400 square feet, depending on surface porosity. The lower coverage apply to broom or other rough finishes.

## Package Sizes

CSI Penetrating Sealer is available in 1, 5 and 55 gallon containers.

## Technical Data

Please refer to the corresponding MSDS for hazard-related information.

## Product Handling

For complete instructions on handling and use, consult the corresponding Material Safety Data Sheet before using product.

## Warranty

CSI Penetrating Sealer a proprietary product, is warranted to be of uniform quality within manufacturing tolerances. Since control is not exercised over its use, no warranty, expressed or implied, is made as to the effects of such use. Seller's and manufacturer's obligation under this warranty shall be limited to refunding the purchase price of that portion of the material proven to be defective. The user assumes all other risks and liabilities resulting from use of this product. If you have any questions, please contact ChemSystems, Inc.