

# Sure-Tough ST 7099

## APPLIED POLYMER SOLUTIONS, LLC

### PRODUCT PROFILE

**GENERIC DESCRIPTION** **CROSSLINKED STONE FINISH PROTECTANT** - is a single component water based metal crosslinked stone finish for use on pavers and other types of non-resilient surfaces. ST 7099 has excellent water resistance and good durability. ST 7099 offers a gloss finish and also can stabilize joint sand between pavers.

- BENEFITS OF USE**
- \* Helps protect against fading.
  - \* Inhibits the growth of unwanted weeds between brick pavers.
  - \* Bonds and stabilizes brick paver sand joints minimizing sand loss that can lead to paver shifting.
  - \* Fast drying and UV resistant with excellent weather resistance
  - \* Provides for quick applications with easy and economical cleanup
  - \* For Institutional, Commercial, Residential and Industrial application.
  - \* Use for many types of stone surfaces to add shine and increase wear characteristics.

**COLORS** White opaque emulsion

### CHARACTERISTICS/FINISHES

**SURFACE** Gloss

**PRIMERS** None required

**TOPCOATS/FINISHES** None required. Multiple coats of this product are compatible (see information under primer).

### TECHNICAL SPECIFICATIONS

**VOC** Waterbased material with less than 20 grams per liter

**RECOMMENDED THICKNESS** 80-150 sq. ft./gallon would be the typical coverage rate over pavers; however, coverage rates vary dependent on substrate composition.

**ABRASION RESISTANCE** Excellent wearing and excellent abrasion resistance.

**CURE SCHEDULE (70F)** Although the material can be opened to light foot traffic in a few hours, it is best to allow the material to dry for a 24 hour period of time to obtain the maximum benefit of the application.

| PACKAGING | Size          | Part A    | Coverage<br>(1,604/WFT) x gallons   |
|-----------|---------------|-----------|---|
|           | 1 gallon kit  | 1 gallon  | When the surface is fully saturated, coverage will depend on the absorptivity of the substrate resulting in 400 to 800 square feet per gallon coverage. |
|           | 5 gallon kit  | 5 gallon  |   |
|           | 55 gallon kit | 55 gallon |   |

**STORAGE TEMP** 65°F - 85°F (18°C - 30°C) in a dry area. Avoid excessive heat and freezing.

**SHELF LIFE** 1 year in an unopened container

**TEST AREA** Concrete substrates vary from geographical regions throughout the country and the actual condition of the concrete can provide varying results. Results can also vary from floor machine weights, RPM speed and the sequence of polishing stages and diamond grit sizes, therefore, test a minimum 4 ft. by 4 ft. area on each type of concrete to determine suitability before undertaking the entire project.

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### SURFACE PREPARATION

**SURFACE** All dirt, oil, dust, foreign contaminants and laitance must be removed to assure a trouble-free application. All jointing sand shall be brushed off the surface in such a manner as to ensure the sand is level with the bottom of the paver stone bevel or 1/8" below the surface of non-beveled pavers. The surface should be dry prior to application.

### APPLICATION

**APPLICATION** Stir material before using. Have material at normal room temperature. ALWAYS APPLY A TEST PATCH TO TEST FOR SUITABILITY BEFORE USING. Have surface dry before application. Apply the material evenly over the paving stones and joints with a low pressure (not exceeding 25 psi) sprayer at about 150 square feet per gallon. Any excess material should be immediately drawn off the surface of the pavers with a soft floor squeegee to flood the joints. Do not allow the material to dry on the pavers before the liquid is drawn off with the squeegee. Allow for 24 hours to dry before opening the area to traffic. Keep the surface dry for a 24 hour period after the application.

**RECOAT/TOPCOAT** Normally one coat is all that is required.

**CLEAN UP** Citrus based cleaners or any suitable detergent and water.

**FLOOR CLEANING** Caution! Although very unlikely, some cleaners may affect the color of the treated surface. Test each cleaner in a small area, utilizing your cleaning technique. If no ill effects are noted, you can continue to clean with the product and process tested.

### LIMITATIONS

- \* Do not allow material to freeze.
- \* ALWAYS apply a test area to test the product for suitability. Paver stones and other non-resilient substrates can vary greatly in composition and test scaling ensures both proper physical properties as well as aesthetic appearance prior to starting a project.
- \* Product is not recommended over marble or other extremely dense surfaces, glazed tile or ceramic tile.
- \* The sealed area should not be opened to full traffic and should be allowed to dry for a period of 24 hours before use.

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