



SURF-PREP

acid based micro etcher & cleaner for floor profiling

www.SouthernStainAndSeal.com/Surf-Prep



Surf-Prep is an economical, concentrated acid based micro etching solution designed for superior profiling of unsealed slick trowel concrete surfaces. It provides the necessary characteristics to properly profile a floor prior to applying stain or other coatings without the harsh hazards of using muriatic acid. Surf-Prep slightly opens the pores to allow adequate adhesion for concrete coatings, and better acid staining color development and reaction. Its excellent cleaning properties allow removal of mud stains, rust, and corrosion deposits from a multitude of concrete substrates.



Specifications / Compliances

Surface Coatings, Inc.
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Key Features & Typical Benefits

- The safer concrete prep chemical replacement to muriatic acid.
- Formulated as an economical, concentrated solution which can be diluted up to 1:3 with water.
- Deeply penetrating formula that quickly and efficiently lifts off stains with minimal effort.
- The perfect preparation agent for staining, sealing, or many other coating applications.

Recommended Applications

- Effective on applications such as...
- Broom Finish Concrete
 - Smooth Finish Concrete
 - Basements
 - Garages
 - Patios
 - Many other concrete surfaces to prepare for staining, sealing, and other coating applications.

Typical Properties & Technical Information

PROPERTY	VALUE
Solids/Active Content, Percentage by weight	N/A
Dry Time - Tack Free	Refer to Directions
Dry Time - Foot Traffic	Refer to Directions
Dry Time - Heavy Traffic	Refer to Directions
Re-Coat Time Window	Refer to Directions
Application Temperature	50° F - 80° F
VOC (Volatile Organic Compound) Content	Not Applicable
Appearance - Wet	Transparent Blue
Appearance - Dry	N/A

Testing in accordance with procedures outlined in EPA Method 24, "Volatile Organic Content VOC of Paints and Related Coatings". The solids content was determined in accordance with ASTM D 5095 and the VOC was calculated in accordance with ASTM D 3960.

Refer to technical data and SDS prior to use.

Surf-Prep

Application Instructions

SURFACE PREP: Always test the concrete to be prepared for previous coatings. This product will not work properly over coated concrete surfaces and is not to be used as a chemical coating stripper.

Sweep all trash and debris off the area to be cleaned and prepared.

MIXING: Stir well before using. Material may separate during long term storage.

COVERAGE RATE: First Coat : 150 - 250 ft² per gallon* Optional Second Coat : 150 - 250 ft² per gallon*

*Coverage rates vary depending upon surface porosity and texture, and application method. Excessive build up should be avoided. Please note that product can be diluted up to 1:3 with water yielding up to four times the coverage rate per gallon purchased.

APPLICATION:

1. Protect all areas not to be cleaned and prepared. Mask off all adjacent surfaces with painter's tape or plastic duct tape. Use a plastic or coated cardboard as a spray shield. Plastic or polyethylene sprayers and buckets are recommended for application.
2. Dilute material with water to desired dilution rate (1:1 for hard slick trowel surface, up to 1:3 with water for light to medium slick trowel surfaces)
3. Using a polyethylene pump-up sprayer, apply at a rate of up to 150-300 sq. ft. per gallon of finished product (diluted or straight). An acid brush may be used to brush in material for a better application. Always use an acid resistant plastic sprayer and acid resistant brush.
4. Allow 5-10 minutes for proper reaction, and rinse thoroughly with water by mop with a water and ammonia solution such as Balance, to neutralize the surface for proper pH level. Remove standing water with a wet vacuum. Repeat until floor is clean and free of all material.
5. Allow the area to dry 18-24 hours. The floor is now prepared for most any stain or coating application.

Please note: When using this product for acid stain preparation, the neutralization process should be done after the acid stain is applied instead of after the preparation process.

PLEASE NOTE: It is always recommended to test the product in a small, inconspicuous area (on the same concrete substrate) for desired results prior to application. Coverage rates may vary for all coatings and substrates depending on porosity, density, texture etc.

Precautions and Limitations

- This product will freeze during storage. Store at temperatures above 40°F.
- All HVAC ventilation ducts should be somehow blocked prior to application so solvent fumes are not distributed.
- It is not recommended to apply product over carpet, tile, or other types of floor adhesives.
- This product may affect the surface of many new and existing concrete slabs. Test prior to use.
- This product is harmful if swallowed. Abide by recommended safety guidelines.
- This product is not a stripper and may not emulsify acrylic, epoxy, urethane, or any other coating.
- This product may be diluted. Note, the higher the dilution rate, the less strength to clean.
- This product is corrosive. Proper protection should be worn during application.
- One this product is applied to bare, cured concrete, it will etch the floor! Please Test prior to use.
- Be aware that using this product will etch concrete surfaces. Overuse could result in slight discoloration.

CLEAN-UP: Use soap and warm water. Dispose of containers in accordance with local, state and federal regulations.

PRODUCT REMOVAL: Refer to directions.

SHELF LIFE: Up to one year from manufacture date in its original, unopened container stored at room temperature.

PACKAGING: Available in 1 gallon and 5 gallon containers.

Always read all technical information, label and SDS prior to use. This information can be found online or by calling customer service at the number below.