



H&C® CONCRETEREADY® PHOSPHORIC ETCHING SOLUTION



PRODUCT DESCRIPTION

H&C® CONCRETEREADY® PHOSPHORIC ETCHING SOLUTION is a phosphoric acid-based etcher that has been developed to acid etch bare concrete surfaces before applying H&C® COLORTOP™ Concrete Sealer Solvent-Based, H&C COLORTOP Concrete Stain Water-Based, and other coatings.

FEATURES & BENEFITS

- Creates a porous concrete surface
- Interior or Exterior use
- Increases penetration and bond of concrete stains and sealers
- Prepares bare concrete surfaces to be coated.

RECOMMENDED USES

H&C CONCRETEREADY PHOSPHORIC ETCHING SOLUTION is formulated for use on bare concrete and masonry surfaces, such as basement floors, garage floors, carports and driveways, porches, patios, walkways, pavers, steps, swimming pool aprons, recreation areas, parking structures and parking lots, retaining walls, containment areas, and tilt-up construction.

Alternate Uses:

- Removes efflorescence (alkali salts)
- Reduces the pH of new concrete and new mortar joints.

COVERAGE RATES

100-150 sq. ft. per gallon.

Coverage will vary depending on the texture and porosity of the surface

JOBSITE TEST SECTION

Due to the wide variety of substrates, preparation methods, application methods and environments, it is important to create a test sample.

LIMITATIONS

- Do not use on asphalt

TOOLS REQUIRED

- Stiff broom
- Garden hose with a pressure washer nozzle
- Bucket
- Eye Protection
- Respiratory Protection
- Gloves

SURFACE PREPARATION

Allow new concrete to cure at least 28 days. All concrete must be porous, clean, dry and free of grease, oil and other contaminants. To spot clean, use H&C CONCRETEREADY Cleaner Degreaser, following label directions. If mold, mildew, or fungus is present, kill and remove with a solution of 1 cup household bleach to 1 gallon of water. If surface has been previously painted, remove all old, peeling, flaking paint. In addition to porosity, all concrete requires a profile consistent with the feel of 120-grit sandpaper.* DO NOT ETCH PREVIOUSLY PAINTED SURFACES.

APPLICATION INSTRUCTIONS

For very smooth surfaces (troweled surfaces with no porosity) use H&C CONCRETEREADY PHOSPHORIC ETCHING SOLUTION at full strength.

For smooth-troweled concrete with some porosity, 1 part H&C CONCRETEREADY PHOSPHORIC ETCHING SOLUTION to two parts water should be used.

Working a 10' by 10' section at a time, dampen the surface with a fine spray of water and then apply H&C CONCRETEREADY PHOSPHORIC ETCHING SOLUTION evenly over the surface using a plastic sprinkling can. Solution should foam on contact with bare concrete, if no foaming occurs, the surface may have been previously sealed or has a contaminant on the surface. Remove the sealer or reclean the surface and proceed with the etching process.

Scrub the solution into the surface with a stiff bristle broom until the foaming stops. Triple rinse the surface with clean water. Scrub while rinsing to ensure removal of all loosened material and any acid residue.

Allow the surface to dry thoroughly before applying any concrete stain or sealer. The finished surface should have a texture that feels like 120-grit sandpaper. If the surface remains smooth, re-etching may be required. Just before application of any concrete stain or sealer, broom, vacuum or use a leaf blower to remove any loosened surface material created during the etching process.

PHYSICAL PROPERTIES

Physical Properties and Characteristics		
Property	Test Method	Value
Boiling Point		212-213°F

ORDERING INFORMATION

Clear Part Number/SMIS
Gallon 50.160004-16/6507-12300

TECHNICAL SERVICES

The information and recommendations set forth in this product data sheet are based on tests conducted by or on behalf of H&C® Products Group and The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your H&C® or Sherwin-Williams representative to obtain the most recent product data sheet.

For technical assistance, call 1-800-867-8246 or visit www.hcconcrete.com.

CAUTION

CAUTIONS Use only with adequate ventilation. To avoid overexposure, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air, or wear respiratory protection (NIOSH approved) or leave the area. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage.

FIRST AID: In case of eye contact, flush thoroughly with large amounts of water for 15 minutes and get medical attention. For skin contact, wash thoroughly with soap and water. In case of respiratory difficulty, provide fresh air and call physician. If swallowed, do not induce vomiting. Call Poison Control Center, hospital emergency room, or physician immediately. **WARNING:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. **DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.**

LIMITED WARRANTY

Seller's and manufacturer's only obligations shall be to replace such quantity of product proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential, arising from the applicator's inability to use the product for his/her intended use. The user assumes all risk and liability.