

SUPER ETCH

SE-802

READY-TO-USE CONCRETE ETCHANT

DESCRIPTION: Formulated with proprietary organic acids, SUPER ETCH is designed for efficient etching of concrete without the harmful, noxious vapors associated with muriatic (hydrochloric) acid or whitish residue associated with phosphoric acid based etchants. Ready-to-use, SUPER ETCH may be used on concrete and other cementitious surfaces to provide a light etch in preparation for sealing hard troweled concrete with single component waterborne and solventborne concrete sealers. SUPER ETCH, when properly used according to directions, will not interfere with acid or other chemical staining techniques. SUPER ETCH may also be used for cement laitance and efflorescence removal.

SUPER ETCH is readily biodegradable, non-corrosive to the skin and most metals (except for aluminum) and forms water soluble salts for easy rinsability. Note: for preparation of concrete for application of two-component urethanes (such as SURTEC SURPRO 100 LV, SURPRO HDWB or SURPRO 44 MATTE) and epoxies use SURTEC SUPER ETCH PLUS (SE-803).

DIRECTIONS: Caution: SUPER ETCH is an acidic material and is corrosive to the eyes, therefore proper eye protection is required, and hand and skin protection is recommended to prevent minor skin irritation. SUPER ETCH is intended for use undiluted, however, if a lighter etch is desired or for laitance or efflorescence removal, SUPER ETCH may be diluted up to 1:4 with water. Test in an inconspicuous spot to determine the proper dilution. Prior to etching confirm that the concrete is clean and dry, and free of oils, greases, markings or any material that may interfere with the etching and subsequent sealing process.

For best results apply SUPER ETCH with an acid-proof pump-up sprayer, slightly overlapping each pass. The solution will effervesce and foam after application. Allow at least 5 minutes of dwell time, then scrub with a floor machine or automatic scrubber equipped with a black stripping pad (for smooth surfaces) or with a nylo-grit brush (for textured surfaces). For best results, thoroughly scrub in one direction, then scrub a second time in the opposite direction, for example, North-South, then East -West. To neutralize, apply a solution of Surtec HC-150 heavy duty cleaner or SC-210 heavy duty cleaner/degreaser (diluted 2 oz. per gallon with water) with a mop or pump-up sprayer. Scrub the floor thoroughly with a floor machine or automatic scrubber equipped with black pads or nylo-grit brushes, then pickup neutralized solution with a wet-dry vac or automatic scrubber. Flood rinse and scrub the floor with fresh, clean water and pick up with a wet-dry vac or automatic scrubber. Damp mop with clean water to remove any residue. Allow the floor to dry completely before staining or sealing. Repeat the above procedure if more etching is desired.

SPECIFICATIONS:

COLOR:	Amber
ODOR:	Mild sour
DILUTION RATE:	1:4 to undiluted
METHOD OF APPLICATION:	Acid-proof pump-up sprayer or mop
COVERAGE:	100 to 200 square feet per gallon (undiluted)
pH (Concentrate):	0.5 ± 0.2
HMS RATING:	Health = 2 Flammability = 0 Physical Hazard = 0
SPECIFIC GRAVITY / DENSITY:	1.05 / 8.8 pounds per gallon
FLASH POINT:	None (C.O.C. Method)
V.O.C. CONTENT:	Less than 0.1% (Concentrate)
SOLUBILITY IN WATER:	100% (hard, soft and/or deionized water)
SHELF LIFE:	Minimum 1 year from date of sale
CONTAINER SIZES AVAILABLE:.....	4 x 1 gallon jugs 5 gallon pail 55 gallon drum