

Concrete Surface Care

A Solvent-Based, Gloss Penetrating Treatment and Maintenance System for Concrete and Stone Surfaces

This program is specifically designed to clean and prepare all uncoated concrete surfaces, for the application of Perma's high performance silicone modified, urethane impregnator/sealer, Stronghold. Eliminator is formulated to remove most water-based, urethane modified acrylic sealer/finishes. Etching with Prepare chemically abrades and opens up the pores in concrete, enhancing the penetration and slip resistance characteristics of Stronghold. Stronghold's unique chemical structure provides an oil, grease, gasoline, and automotive fluid resistant barrier that eliminates staining and makes treated surfaces easier to clean and maintain..

Preparation and Sealing Products



Product #118

ELIMINATOR - Stripper For All Water-Based Sealers And Finishes

Eliminator rapidly dissolves multiple layers of acrylic sealer or finish, allowing for fast, easy removal of existing coatings from slate, marble, terrazzo, granite, porcelain and other stone surfaces. Formulated from top quality water miscible solvents, Eliminator contains less than 1% solids at concentration and contains no harsh alkaline ingredients like sodium or potassium hydroxides, making it safer to use. Years of buildup can be quickly and easily removed by light agitation with a scrubbing machine and standard stripping pad or brush.

Acid Based Cleaning, Brightening and Etching Solution - **PREPARE**

Prepare is a concentrated formulation containing Hydrochloric (Muriatic) Acid, detergents, and surfactants for use in preparing concrete, terrazzo, and unglazed stone or ceramic tile flooring for coating with water or solvent-based sealers. Prepare's powerful chemical reaction dissolves ground in dust and dirt, opening up the pores in smooth mineral surfaces and insuring proper adhesion characteristics between the flooring and sealer.



Product #111E



Product #201

STRONGHOLD - Solvent-Based, Oil and Solvent Resistant, Penetrating Concrete Treatment

Strong Hold Concrete Sealer/Conditioner is specially formulated to penetrate concrete surfaces to place a protective, chemical resistant acrylic/urethane matrix within the top layer of concrete surfaces to prevent staining and spotting from gasoline, oils, hydraulic fluid, etc. The surface is left clear and more slip resistant.

Perma Inc. • 605 Springs Road
Bedford, MA • (978) 667-5161
www.perma.com



Concrete Surface Care

Preparation and Application Procedures

Step 1- Strip Existing Finish With Eliminator

Dilute 16-24 ounces (1:8 to 1:5) of Eliminator for routine stripping, 32-48 ounces (1:4 to 1:3) for medium build-up or 64-128 ounce (1:2 to 1:1) for heavy build up, per gallon of “COLD” water. Apply stripping solution with a mop and let it stand for 3-5 minutes. Scrub the floor with the buffing machine paying particular attention to removing dissolved finish or sealer from indentations or expansion joints in the concrete. Remove the dissolved finish and solution with a wet vacuum or automatic scrubber. Thoroughly rinse the floor by liberally applying clean water and scrubbing briefly with the buffing machine to agitate the rinse water. Remove the rinse water with a wet vacuum or automatic scrubber.



Product #118

Step 2- Etch With Prepare

CAUTION: This is a concentrated product formulated for professional use only!

Safety glasses, gloves, and protective footwear should be worn at all times during application. Provide for adequate ventilation of fumes which may be generated during application. Do not mix this product with other chemicals. Prepare should not be used on marble, terrazzo, limestone, or other calcium containing surfaces.

Uniformly dampen the area to be treated with clean water. Dilute Prepare 1 part cleaner to 1 part cold water. Apply solution to the concrete floor using a plastic watering can, then spread evenly using a deck brush or synthetic fiber mop. Allow the solution to work for approximately 5 minutes or until white foaming action ceases. Scrub the application area with a buffing machine equipped with a black stripping pad, staggered bristle zim-grit or nylo-grit type brush or deck brush, to assist in thorough cleaning. Completely remove the etching solution, preferably with a wet vacuum. Rinse by applying clean water liberally with a watering can or mop. Scrub briefly to agitate rinse water. Remove rinse water with a wet vacuum or mop. Thoroughly rinse all application equipment with clean water.

Coverage: approximately 250-300 ft²/gallon of use solution.



Product #111E

Step 3- Seal With Stronghold Penetrating Concrete Treatment

Strong Hold should not be applied if the **floor temperature** is below 65°F. Strong Hold Concrete Sealer/Conditioner can be applied with a lambs wool applicator or paint roller. Avoid puddling and uneven application. Make sure to roll out any foam created by paint roller application.

Generally, one coat is sufficient to achieve effective impregnation/sealing of most concrete surfaces. Use visual judgement in determining whether a second coat of Strong Hold is necessary to achieve desired penetration and sealing of the concrete.

Depending on temperature and humidity conditions, treated areas should be dry enough to open to traffic in 3-5 hours.

STORAGE: 12 month shelf life. Keep container closed when not in use. Store upright at room temperature 65-70°F.



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Concrete Surface Care

Cleaning and Maintenance Products

Concentrated, No-Rinse, General Purpose Cleaner/Deodorizer - **SUPER BLUE**

A super-concentrated, versatile, all purpose cleaner/degreaser for the true maintenance professional. Super Blue cleans economically, and quickly, virtually any type of soil, on any surface, in institutional, industrial, transportation, hospital, and food service operations. Super Blue quickly and effectively suspends and removes calcium and sodium chloride deposits left from ice melting compounds. Super Blue cleans without rinsing even in hard water, and will not harm existing finishes. Perma's highest quality all purpose cleaner.



Product #129



Product #100

TRACTION CLEAN - Concentrated, Anti-Slip Cleaner/Degreaser

Traction Clean is formulated to provide the cleaning and soil suspension properties necessary to effectively clean and maintain positive slip resistance characteristics in restaurant and food service areas, rest rooms, nursing homes, hospitals and light industrial manufacturing facilities, where food, protein-based soils, light oils, and dirt can cause slippery conditions. Extensive laboratory and field testing on various types of flooring, including resilient tile, ceramic and stone tile, sealed wood and concrete, has demonstrated this products ability to raise coefficient of friction readings beyond those required by the Occupational Safety and Health Administration and the 0.6 SCOF required by the Americans With Disabilities Act.

USDA Approved, Low Foaming, Degreaser - **GREASE CUTTER**

Grease Cutter offers a safe, yet effective alternative for cleaning and degreasing the stubborn protein based soils, commonly encountered in meat and food processing facilities, commercial kitchens, and food storage areas. Grease Cutter will readily dissolve animal fats, fish slime, meat residues, blood, oils and other protein based and hard to remove soils. Grease Cutter's moderate foaming action effectively suspends soils, yet allows it's use in autoscrubbers or pressure washers without overflowing recovery tanks or generating excess foam. Non-corrosive and biodegradable Grease Cutter provides the aggressive cleaning power needed in commercial food handling facilities.



Product #150

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Concrete Surface Care

Cleaning and Maintenance Procedures

Regular Duty Cleaning

Super Blue Cleaner/Degreaser

Light Cleaning: Use at a concentration of 1 ounce per gallon of water (1:128) for damp mopping floors.

Medium Cleaning: Dilute to 2 ounces per gallon of water (1:64)

Heavy Duty Cleaning/Degreasing: Dilute at 4 ounces per gallon of water (1:32)

Apply dilute cleaner with either a damp mop or autoscrubber.



Product #129

or Traction Clean Anti-Slip Cleaner/Degreaser

Light Duty Cleaning: 8 ounces Traction Clean per gallon of water (1:16).

Medium Duty Cleaning: 12 ounces Traction Clean per gallon of water (1:10).

Heavy Duty Cleaning: 16 ounces Traction Clean per gallon of water (1:8).

Apply dilute cleaner with either a damp mop or autoscrubber. For maximum slip resistance, floor should not be rinsed following cleaning.



Product #100

Heavy Duty Cleaning

Grease Cutter

For routine cleaning/degreasing, dilute 1 part Grease Cutter with 15 parts hot or cold water (8.5 ounces per gallon). Diluted solution may be applied with a pressurized sprayer, pressure washer, automatic scrubber or mop. Allow the solution to work for several minutes then agitate with a brush, scrubbing machine, or automatic scrubber. Remove the soiled solution with a wet vacuum, automatic scrubber or mop, then rinse the surface thoroughly with clean water, and allow it to dry.

Dilution ratios of Grease Cutter may be increased or decreased; 6 ounces per gallon (1:20) to 12 ounces per gallon (1:10), to meet specific soil conditions.



Product #150