



CLEAR WATERPROOFING **ULTRA GRIP™ SALTSHIELD** CONCRETE and MASONRY SALT & EFFLORESCENCE PROTECTIVE COATING

COMMERCIAL
GRADE

**PRODUCT
DATA**
#5851

02/01/17
superseding: 03/03/16

PRODUCT DESCRIPTION:

ULTRA GRIP™ SALTSHIELD is a Concrete Protector that provides weatherproofing and protection against deterioration caused by deicing salt, household cleaners, gasoline, oil and efflorescence (powdery, white, salt-like deposits visible on masonry). The unique SALTSHIELD technology penetrates into concrete and masonry providing excellent resistance to efflorescence staining often visible on brick, block and poured concrete surfaces.

ULTRA GRIP™ SALTSHIELD seals bare masonry surfaces against dusting, staining, surface cracking and pock marking.

- Protects against road salt, weathering, gasoline and oil
- Prevents excessive dusting, surface cracking and pock marking
- Solidifies masonry surfaces for top coat
- Minimizes reoccurring efflorescence
- Primes prior to paint

Note: **ULTRA GRIP™ SALTSHIELD** is not for use on asphalt surfaces, silicone treated surfaces, or on any masonry surface subjected to hydrostatic pressure. Surfaces subjected to hydrostatic pressure should be treated with other **ULTRA GRIP™** products that resist hydrostatic pressure.

ULTRA GRIP™ SALTSHIELD USES:

As a SEALER:

ULTRA GRIP™ SALTSHIELD is ideal for interior, exterior, horizontal or vertical masonry surfaces, including concrete driveways, garage floors, basement floors, concrete sidewalks, block retaining walls, brick siding/walkways, terrazzo and slate surfaces. Worn surfaces with similar clear coatings, which allow water penetration, may be recoated with **ULTRA GRIP™ SALTSHIELD**. For best results test a small area for proper adhesion before coating entire surface.

As a PRIMER-SEALER:

ULTRA GRIP™ SALTSHIELD can be used as a primer/sealer prior to applying Latex, Alkyd or Polyurethane concrete floor paints or carpeting. For self-adhesive floor tiles, check with tile manufacturer for adhesion compatibility.

MINIMIZE RECURRING EFFLORESCENCE:

ULTRA GRIP™ SALTSHIELD can be used as a primer/sealer under masonry wall coatings to minimize recurring efflorescence. When applied over powdery surfaces such as chalking masonry paint, porous asbestos siding, sand blasted masonry and powdering concrete and mortar, **ULTRA GRIP™ SALTSHIELD** creates a solid surface for painting.

SURFACE PREPARATION:

For proper adhesion and penetration it is essential that the surface be properly prepared. Surface must be pressure washed with at least 1500 P.S.I. of pressure using a water and chlorine solution (approximately 1 quart of chlorine to 5 gallons of water). Thoroughly remove all dirt, oil, grease, residues, mold, mildew, algae and any other surface contaminants. Severe mildew requires a stronger concentration of chlorine. TSP (Tri-Sodium Phosphate) should be used to clean oil and grease stains.

Efflorescence is a white, powdery, crystal-like deposit visible on the masonry. Any EFFLORESCENCE must be removed. Use muriatic acid to etch and remove efflorescence.

MURIATIC ACID CONCRETE ETCHING:

BROOM FINISH: Pressure wash only.

SMOOTH TROWELED CONCRETE SURFACES: (Garage Floors, Interior Warehouse Floors, Etc.)

Smooth surfaces must be acid etched to insure proper penetration. Use muriatic acid and follow instructions on manufacturer's label since concentrations can vary. Visible pores in uncoated concrete must appear before applying the product. Repeat acid etching until visible pores appear in surface. (Surface should feel like 80 grit sandpaper).

Rinse the surface well with water and allow it to dry completely for at least 12 hours.

APPLICATION PROCEDURE:

Stir thoroughly before application. **ULTRA GRIP™ SALTSHIELD** appears milky but dries clear. Apply only when air and surface temperature is above 50°F and the relative humidity is below 60%. Apply with brush, roller or squeegee. Spread evenly, do not allow puddles or heavy surface film to occur. Apply one coat. If after one coat, water droplets are readily absorbed into the surface (extremely porous surfaces), a second coat may be required. Allow 6 hours between coats. **ULTRA GRIP™ SALTSHIELD** should not be used to build up surface film. As additional coats are applied, sheen build-up will occur and surface will become slippery when wet. On light-colored surfaces, some slight darkening may take place.

THINNING:

Due to variations in porosity, when applied over flagstone, slate, terrazzo, dense, smooth or light colored concrete, thin **ULTRA GRIP™ SALTSHIELD** with equal parts of clean, lukewarm water to minimize color variations. Test on a small area to see final effect.

CLEAN UP: Clean up all spills, tools and overspray immediately while the coating is still wet with warm soapy water.

Concrete

Specialty

Ambient Temperature of 77°F and RH of 50%

TECHNICAL SPECIFICATIONS:

Rates & Times May Vary Beyond Specifications

FINISH:	Matte Finish	SPREAD RATE:	375 – 400 sq. ft. per gallon
COLOR (Tintable):	Clear	DRY to TOUCH:	1 Hours
VEHICLE TYPE:	Copolymer Emulsion	RECOAT:	6 Hours
SOLIDS by WEIGHT:	20% +/- 2%	CURE TIME:	1 Days
SOLIDS by VOLUME:	19% +/- 2%	SIZES:	5 Gal.
V.O.C.'s (averages):	Less than 100 g/l	GALLON WEIGHT:	8.5 lbs. +/- .3 lbs.

Information presented on this Data Sheet has been compiled from sources to be reliable, and is accurate and reliable to the best of our knowledge and belief but is not guaranteed to be so.

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