

SUPER SHIELD

PRODUCT CODE: 003-SUPLS

SUPER HIGH GLOSS, UV RESISTANT 30% ACRYLIC COPOLYMER CONCRETE SEALER

PRODUCT DESCRIPTION

Super Shield is a super high gloss, UV Resistant acrylic copolymer concrete sealer intended for all types of concrete. **Super Shield** offers improved resistance to rain, the sun, freezing temperatures, stains, and other pollutants that sometimes can be hazardous to concrete. With substrate wetting agents and anti-foaming additives included in this formulation, Super Shield provides superior adhesion to properly prepared concrete. Applying **Super Shield** to exposed aggregate will also help to eliminate loose pebbles and premature wear. **Super Shield** can be considered an ultimate multi-use concrete sealer.

BENEFITS/FEATURES

- ◆ Can be used as a means of dustproofing most concrete surfaces.
- ◆ Provides superior resistance to the Sun's harsh ultraviolet rays for additional life of the coating.
- ◆ Formulated as a very high solids, high gloss sealer, it rolls out smooth with no roller streaks.
- ◆ It's ease of use, super high gloss, and superior resistance to weather issues makes this a contractor favorite.

RECOMMENDED APPLICATIONS

Super Shield is recommended for use on Stamped Concrete, Stenciled Concrete, Acid Stained Concrete, Overlaid Concrete, Exposed Aggregate Concrete, Broom Finish Concrete, and Trowel Finish Concrete. Other uses may be acceptable.

TECHNICAL INFORMATION

Solids.....	30%	Wet Appearance.....	Clear to lightly cloudy
Drying Time.....	1 - 2 hours	Dry Appearance.....	Clear and High Gloss
Re-Coat Time.....	4 - 24 hours	VOC Content.....	<650 g/l
Foot Traffic.....	4 - 6 hours	Blush Resistance.....	Good
Wheel Traffic.....	24 - 48 hours	Solvent Resistance.....	Minimal
Application Temp.....	40°F - 85°F	Concrete Adhesion.....	Excellent

***Please note that low air and/or concrete temperatures and/or relative humidity may extend drying times. Follow recommended coverage rates for best results.

SPECIFICATIONS/COMPLIANCES

ASTM C 309, Type 1, Class A & B ASTM C 1315, Type 1, Class A AASHTO Specification M 148, Type 1, Class A & B
DRIED COATING IS USDA ACCEPTED

APPROXIMATE COVERAGE RATES

<u>Application Surface</u>	<u>First Coat</u>	<u>Optional Second Coat</u>
New (unsealed) concrete	200-300 ft ²	300-350 ft ²
Old (sealed) concrete	300-350 ft ²	300-350 ft ²

*Coverage rates vary depending upon surface porosity and texture, and application method. Excessive build up should be avoided.

SHELF LIFE

Super Shield has a shelf life of up to two years in it's original, sealed, unopened container.

PACKAGING

Super Shield is packaged in 1 gallon cans, 5 gallon pails, and 55 gallon drums.



Metropolitan Concrete Products

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INSTRUCTIONS FOR USE

SURFACE PREPARATION: Concrete surface must be clean and free of all contaminants and water. Do not apply if rain is forecast within 24 hours. If moisture is present or if the surface is not clean and free of all contaminants, the sealer may have white spots and have premature delamination and failure.

Substrate temperature must be no less than 40 degrees F and not exceed 80 degrees F. If applied outside these limits the sealer may not achieve adequate film formation and may have excessive air entrapment, bubbles, blushing or hazing.

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

APPLICATION: Apply using a 3/8" – 1/2" nap roller cover using long even uniform strokes at approximately 200-350 square feet per gallon depending on porosity and texture of substrate. A Chapin style solvent resistant sprayer is not recommended for this sealer due to high content of solids. Thick or puddle areas may prevent the solvent from evaporating and may be susceptible to moisture intrusion which may cause milky white spots. Applying too thin may cause sealer to prematurely delaminate, flake or wear away. Allow sealer to dry for 24 hours for light traffic and at least 48 hours for heavy traffic. If applying two coats, wait approximately 4 – 6 hours between coats.

FRESHLY PLACED CONCRETE: Horizontal surfaces must be finished and show no "sheen" from bleed water.

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. If applying by spray method, extended coverage rates may be achieved, but be aware that less material will be applied and inadequate film formation or performance expectations may be limited. **DO NOT USE ON BRICK.**

CLEAN-UP

Use Xylene. Dispose of containers in accordance with local and federal regulations.

PRODUCT REMOVAL

Dried, cured sealer may be removed with a commercial paint stripper, such as *Citrus Strip 100* or by using a diamond grinding method, sandblasting method or similar mechanical action.

PRECAUTIONS AND LIMITATIONS

- ▶ **Super Shield** will not freeze during storage, however, allow temperature to rise to 50 degrees F prior to application.
- ▶ All HVAC ventilation ducts should be somehow blocked prior to application so solvents fumes are not distributed.
- ▶ Keep away from open flames. **Super Shield** is flammable and is very susceptible to ignition.
- ▶ It is not recommended to apply **Super Shield** over carpet, tile, and other types of floor adhesives.
- ▶ Coverage rates depend upon many conditions including application method, surface porosity, applicator, ect.
- ▶ **Super Shield** was designed for decorative concrete and to be applied in two thin coats, not one thick coat.
- ▶ Please be aware that this product when cured may be slippery when wet.
- ▶ **Super Shield** is not resistant to brake fluid, gasoline, and many similar products.
- ▶ It is not recommended to thin **Super Shield**. Improper thinning may cause sealer to delaminate in a short time frame.
- ▶ **Super Shield** may darken the surface of many new and existing concrete slabs. Test prior to use.

SPECIAL NOTES

Please consult Material Safety Data Sheet (MSDS) and read Warranty information prior to use.



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