

TS201 Acrylic Topical Sealer SB-25 w/ High Gloss

*Low VOC, Solvent Based Curing Agent & Sealer
for Decorative Concrete, Pavers & Exposed Aggregate*

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Product Description

TS201 is a 25% solids high performance proprietary formulation of 100% pure acrylic polymer resin in a <350 g/L VOC solvent base. It can be used as a curing agent for newly placed concrete or for sealing existing decorative concrete, pavers, or exposed aggregate. TS201 provides durable protection, superior color enhancement, and high gloss “wet look” appearance. It combats freeze/ thaw, restricts water and moisture, limits dirt buildup and stains, retards mold and mildew, blocks efflorescence, increases surface durability, and reduces scaling and spalling. The TS201 can also be used to mitigate dusting on most existing concrete surfaces. It is also UV resistant and nonyellowing. Solvent base allows for superior adhesion. TS201 has a clear appearance. Upon proper application, the substrate will have a “wet look” with high gloss finish when dry. Color tints are available in a selection of colors.

Recommended Uses

TS201 was originally developed for commercial and industrial applications and is widely used throughout North America to this day for those applications. Concrete Sealers USA is now also making this professional grade sealer available to the residential market so small contractors, applicators, and do-it-yourselfers can enjoy the same superior benefits that architects, engineers, and large contractors have enjoyed for years. TS201 is recommended for curing newly finished concrete and for sealing existing concrete surfaces such as decorative concrete, stamped concrete, acid stained concrete, stenciled concrete, overlaid concrete, exposed aggregate, brick or stone pavers, concrete pavers, and other broom finished or troweled finished concrete surfaces. It is ideal for sealing commercial and residential interior concrete floors, garage floors, driveways, sidewalks, walkways, porches, steps, pool decking, and patios. Suitable for horizontal or vertical and interior (with proper ventilation) or exterior applications.

Product Characteristics

SDS Information / Physical and Chemical Properties

Boiling Point:	194° F	Solids:	25%
Vapor Pressure:	N/A	Blush Resistance:	Good
Solubility in Water:	N/A	Solvent Resistance:	Minimal
Evaporation Rate:	N/A	Concrete Adhesion:	Excellent
Appearance and Odor:	Clear w/ Solvent Odor	Finish:	Clear/High Gloss
Specific Gravity:	(H ₂ O-1):1.0	Drying Time**:	Dry to touch 1-2 hours; traffic 4-6 hours; wheel traffic 24-48 hours
% Volatile by Volume:	<350 g/L	Re-Coat Time:	4-6 hours
pH:	N/A	Shelf Life:	2 years unopened in protected storage
Flashpoint:	68° F		
Flammable Limits:	Lower Limit: 1.0%; Upper Limit: 7.0%		

Coverage Rates*: 250-350 sq. ft./gal. cure and seal. 350-450 sq. ft./gal. additional coats.
350-450 sq. ft./gal. existing substrates. 350-450 sq. ft./gal. additional coats.

*Coverage rates are approximate and for estimating purposes only. Application rate based upon porosity and absorption. Always test absorption prior to application.

**Drying times are for estimating purposes only. Actual drying time is based upon temperature, humidity, and air flow.

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Performance Characteristics

ASTM C1315 Curing and Sealing Concrete:	Type 1 & 2, Class A--Complies
ASTM C309 Curing Concrete:	Type 1, Class A & B--Complies
AASHTO M148 Curing Concrete:	Type 1 & 1D, Class A & B--Complies
ASTM C156 Moisture Retention:	0.035 g/cm ²

Meets USDA requirements for incidental food contact when fully cured.

Color

TS201 has a clear appearance. Upon proper application, the substrate will have a "wet look" with high gloss finish when dry. Color tints are available in a selection of colors.

Ordering & Shipping Information

Packaging:	5 gal. Pails 55 gal. Drums
Shipping:	Normal package delivery and trucking

Surface Preparation

The surface must be structurally sound and porous enough to allow penetration and adhesion. Surfaces should be clean and free of surface laitance, dust, dirt, debris, mildew, oil, grease, previous sealers, curing agents, paint or other surface coatings, and other contaminants. On smooth troweled concrete or other dense surfaces, where water does not readily absorb, it may be necessary to mechanically abrade or acid etch the surface to promote proper adhesion. If acid or other cleaning compound is used for cleaning or etching the surface, neutralize the surface completely before application of TS201. Prior to application, any surface defects, cracks, voids, and joints must be properly sealed or filled.

Application

Always test adhesion prior to application. Surface should be dry for proper application of sealer. Wet or damp surface may result in white appearance and poor adhesion. Product is a one part system and requires no special mixing. Stir material thoroughly before and during application. Do not apply below 40°F or above 85°F during the application and drying period or to exterior surfaces if rain is expected within 24 hours after application. Apply with low pressure solvent resistant sprayer or medium nap roller for best results. For existing substrates, apply a thin uniform film to ensure complete coverage of the surface while avoiding any excesses. If a second coat is desired, wait approximately 4-6 hours between coats. Full drying time is approximately 24-48 hours. A second coat will yield a higher gloss and enhance overall surface protection. Two thin coats is better than one heavy coat. Over application may result in bubbles or poor adhesion. For freshly placed substrates, apply TS201 after all bleed water is gone, finishing is complete, and the concrete will withstand the weight of a person and not be marred. Apply an even coat to ensure complete, uniform coverage of the surface. Over application may result in whiteness which generally dissipates with time or final sealer application. Clean application materials with mineral spirits or solvents immediately. Clean drips and over spray with solvent while still wet. If not cleaned immediately, the sealer may leave a residue. Dried sealer can be removed with solvents.

Limitations

TS201 is designed to work only on concrete and masonry substrates and is not intended for asphalt. This product may damage vegetation. Avoid contact with glass, vinyl, plastic, wood, and metal. Sealer may be damaged if frozen prior to use. Not intended to seal cracks or for use where severe hydrostatic pressure is present. Will not remediate structurally unsound surfaces with defects. The coefficient of friction of the surface may decline with each sealer application. This can be offset by applying an anti skid compound (ex. sand) when sealer is still wet and prior to it drying. Certain tile adhesives may not bind to TS201. Always conduct test to confirm adhesion. The Company does not warranty specific performance results or compatibility with products manufactured by others. The Company shall bear no liability, other than replacement of defective product. A small test must be conducted prior to application. Based upon this test, the purchaser shall determine for themselves the suitability of this product for the intended use.

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Environmental & Regulatory

TS201 contains petroleum distillates and <350 g/L Volatile Organic Compounds (VOC) and is combustible. This product is considered a hazardous chemical under OSHA Hazard Communication Standard (29CFR 1910.1200). Keep away from heat, sparks, and open flames. Keep containers closed until ready to use. Provide adequate ventilation. To prevent vapor build up and possible explosion, open door and windows and provide cross ventilation. Do not smoke when using. Solvent vapors can cause respiratory irritation. Contact may cause skin or eye irritation. Using with adequate air ventilation, eye protection, and gloves is recommended. Do not reuse container without commercial cleaning. Dispose of in accordance with applicable federal, state, and local regulations.

Safety & First Aid Precautions

Eyes: Flush with water for at least 15 minutes.
Skin: Wash thoroughly with soap and water.
Inhalation: Move subject to fresh air.
Digestion: Consult physician immediately.