



FasTrac CS40 Water Repellent

SILANE BASED WATER REPELLENT



Technical Data Sheet

PRODUCT DESCRIPTION

FasTrac CS40 Water Repellent is a silane based, breathable, deep penetrating, water repellent for concrete. The protective surface formed by FasTrac CS40 Water Repellent is extremely durable and protects concrete from corrosion via chlorides and weathering effects such as freeze thaw.

FasTrac CS40 allows for continued normal vapor transmission rates of concrete, thus ensuring long term protection of concrete structures.

APPLICATIONS

- Bridge Decks
- Parking Structures
- Runways
- Precast Concrete

FEATURES

- Deep Penetrating
- Breathable
- Colorless
- Extremely Durable

SURFACE PREPARATION

Minimum substrate temperature is 20°F (-6°C) and rising. Best results are obtained when temperatures are between 50°F and 90°F (10°C and 35°C). Concrete should be structurally sound and have attained a minimum 75% of design strength. Clean all surfaces of paints, coatings and bond inhibiting substances. Sandblast or power wash surfaces as necessary to ensure clean and open surfaces for best penetration. Substrate should be dry or minimally damp before application.

MIXING & INSTALLATION

Stir material thoroughly prior to use. Apply uniformly using a low pressure sprayer across all surfaces until concrete reaches saturation or rejection of sealer. Flat fan nozzles on spray wand work best to apply sealer. Squeegee or rollers may be used to further facilitate application after spray.

CURING

Dry time is typically 3 to 5 hours at 70°F (21°C) and longer in colder temperatures. Protect from rain and traffic until fully cured.

CLEAN UP

Collect any run off or over-spray as necessary using absorbent material. Clean tools with xylene or similar solvent after use.

PACKAGING & COVERAGE

1 gallon (3.8 liter), 5 gallon (18.8 liter), 55 gallon (208 liter) and 250 gallon (946 liter) units.

Typical coverage: 100 to 200 square feet per gallon for normal concrete substrates.

SHELF LIFE AND STORAGE

18 months shelf life when stored in dry, weatherproof conditions. Storage temperatures are 40°F to 95°F (4.4°C to 35°C).



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TYPICAL PROPERTIES at 75° F (23.8° C)

| TEST METHOD | RESULTS |
|---|-----------------|
| Viscosity | ≤ 20 cps |
| VOC's | ≤ 600 g / L |
| Weight Per Gallon | 6.9 lbs/gallon |
| Flash Point | 53°F (11.7°C) |
| ASTM D5095 Active Content | ≥ 40% |
| NCHRP-244 Series II Water Weight Gain Reduction | ≥ 84% reduction |
| NCHRP-244 Series II Chloride Ion Reduction | ≥ 86% |
| NCHRP-244 Series II Depth of Penetration | ≥ 0.3 inch |
| Dry Time | 3 to 4 hours |

HEALTH AND SAFETY INFORMATION

Product contains isopropyl alcohol and silane. Wear proper PPE when using this product, including gloves, eye and skin protection and NIOSH / MSHA approved organic respirator. Read SDS thoroughly before use. Prop 65: This product does not contain chemicals known by the state of California to cause cancer.

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CEMENTS | CONCRETES | EPOXIES | GROUTS | MORTARS | MIXING SYSTEMS | HFST

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