FasTrac CE335 Penetrating Sealer

VERY LOW VISCOSITY PENETRATING SEALER



Technical Data Sheet

PRODUCT DESCRIPTION

FasTrac CE335 Epoxy Penetrating Sealer is a two component, 100% solids, moisture tolerant, very low viscosity penetrating sealer for bridge decks, pavement, and slabs. Effective on dry or damp substrates, FasTrac CE335 Epoxy Penetrating Sealer penetrates deep into substrates to protect concrete structures from freeze thaw and chloride ion penetration. FasTrac CE335 Epoxy Penetrating Sealer meets the requirements of ASTM C 881 and AASHTO M235 Type III, Classes B and C.

APPLICATIONS

- Bridge Decks
- Airport Runways
- Parking Decks
- Pavement

FEATURES

- Very Low Viscosity
- 100% Solids
- Dry or Damp Surfaces
- 1:1 Ratio

SURFACE PREPARATION

Minimum substrate temperature is 50°F (10°C). Condition material to between 65°F and 85°F (18.3°C and 29.4°C). Substrate and surfaces must be clean and sound – blow out cracks with oil free compressed air to remove dust and debris. For flood coat applications, shotblast or sandblast all contact surfaces to remove all loose, broken, or unsound material, as well as any bond-inhibiting contaminants. Blow out all contact surfaces with oil free compressed air. Concrete surfaces must be clean, dry, and free of standing water prior to product installation.

MIXING

Mix Components A and B at a 1:1 ratio by volume. Pour Components A and B in equal volume into suitable mixing container. Mix with slow speed drill and paddle or similar mixer for 2 to 3 minutes. Do not whip air into liquids during mixing. Use immediately after mixing.

INSTALLATION

Flood area with product and roll out with squeegee, roller, or broom. Avoid excessive ponding. Apply until rejection. Where required, broadcast fine sand or concrete dust immediately and before the material hardens. Remove excess by vacuum or compressed air once material has hardened.

CURING

Product is self-curing. Do not add solvents. Protect from freezing temperatures, rain and traffic until minimum strength requirements are achieved.

CLEAN UP

All surfaces, tools and equipment may be cleaned with FasTrac Finishing Aid or a solvent based cleaner prior to material setting.

FasTrac CONSTRUCTION PRODUCTS

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PACKAGING AND YIELD

2-gallon (7.56 liter), 10-gallon (37.8 liter), 110-gallon (416 Liter) and 500-gallon (1890 liters) units available. Approximate coverage of 50 - 150 square feet per gallon depending upon porosity of concrete.

SHELF LIFE AND STORAGE

Shelf life: 2 years from date of manufacture when stored in dry weatherproof conditions.
Storage Temperatures: 40° F (4.4°C) to 95° F (35° C).

TYPICAL PROPERTIES at 75° F (23.8° C)		
TEST METHOD		**RESULTS**
Viscosity		≤ 250 cP
Gel Time		20 Minutes @ 70°F
ASTM D638 Tensile Strength		2,500 psi (17.2 MPa)
ASTM D638 Tensile Elongation		≥ 75%
ASTM D695 Compressive Strength		3,000 psi (20.9 MPa)
ASTM D695 Compressive Modulus		90,000 PSI (620 MPa)
ASTM C884 Thermal Compatibility		Pass
ASTM C882 Bond Strength		
	14 Days	2,800 psi (19.3 MPa)
ASTM D 570 Absorption		0.2% (24 hours)
AASHTO T 277 Chloride Ion Permeability		0.0 Coulombs
Tack Free		2 to 5 hours

HEALTH AND SAFETY INFORMATION

Product contains epoxy resin and amines. Wear proper PPE when using this product, including gloves, eye and skin protection and NIOSH / MSHA approved respirator or dust mask. Read SDS thoroughly before use. Prop 65: This product contains chemicals known by the state of California to cause cancer.

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