



CE335 EPOXY PENETRATING SEALER

100% SOLIDS EPOXY PENETRATING SEALER

DESCRIPTION

FasTrac CE335 Epoxy Penetrating Sealer is a two-component, 100% solids, moisture-tolerant, high strength, low modulus, epoxy penetrating sealer. It meets ASTM C881 and AASHTO M235, Type III, Grade 1, Class B & C specifications.

USE

Used to seal cracks on bridge decks, slabs and floors to prevent the intrusion of chlorides and moisture. Can be used as a single-application healer/sealer or as a pre-treatment prior to thin epoxy overlay.

FEATURES

- May be used on damp or dry surfaces
- High tensile elongation
- Low viscosity, high penetration
- Convenient 1:1 mix ratio by volume
- Made in the USA

PACKAGING AND YIELD

- 2 gal / 7.6 L unit
- 10 gal / 38 L unit
- 500 gal / 1,893 L unit

PHYSICAL PROPERTIES

Shelf Life: 2 years in original unopened containers

Storage Conditions: 40°F-95°F (5°C-35°C)

Conditioning: 65°F-85°F (18°C-29°C) before using

Mix Ratio: 1:1 by volume

Viscosity: <250 cP

Gel Time (60g): 20 minutes

Shore D Hardness: 65

Tack Free Time: (75°F/24°C): 3-5 hours

Tensile Strength (ASTM D638): >2,500 psi (17.2 MPa)

Tensile Elongation (ASTM D638): 75%

Bond Strength (ASTM C882): 2 day cure 1,500 psi (10.3MPa)

14 day cure 2,000 psi (13.8 MPa)

Compressive Strength (ASTM D695): 3,000 psi (20.9MPa)

Compressive Modulus (ASTM D695): 90,000 psi (620 MPa)

Bond Strength (ASTM C1583/ACI 503R): 300 psi (2.0 MPa)

Shrinkage (ASTM D2566): 0.2%

Thermal Compatibility (ASTM C884): Pass

Absorption (ASTM D570): 0.2% (24 hr)

Chloride Ion Permeability (AASHTO T277): 0.0 coulombs

COVERAGE

Temperature 40-200 sq. ft./gallon depending on porosity of substrate.

APPLICATION

MIXING: Mix only the amount of material that can be used within its pot life. Proportion equal parts by volume of each component (1 part A to 1 part B) into a clean pail. Mix thoroughly for 3 minutes with a Jiffy mixer on low speed (400-600rpm). Move the mixer around in the mixing container to scrape the sides and bottom to ensure blended thoroughly. Keep mixer submersed in liquid while

mixing to avoid entrapping air into the mixture.

PLACEMENT: Use a squeegee or broom by maintaining a liquid head over the cracks to spread epoxy. Continue the application over the cracks until refusal. Broadcast oven-dried aggregate to allow even coverage and provide skid resistance.

SQUEEZE BOTTLE: Mix product as directed. Fill a disposable squeeze bottle with mixed material and replace cover. Dispense material into cracks until they no longer accept more product. Broadcast very fine sand or concrete dust to rejection onto any exposed wet epoxy. Allow epoxy to attain initial cure (tack free) and remove excess sand or concrete dust by vacuuming or blowing.

LIMITATIONS

Minimum substrate and ambient temperature is 40°F (5°C). Do not thin. Solvents will prevent proper cure.

CLEAN UP

Collect with absorbent material. Flush area with water. Dispose of in accordance with local, state and federal disposal regulations. Uncured material can be removed with Natural Clean or other approved solvent. Cured material can only be removed mechanically.

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CE330 EPOXY BINDER

LOW MODULUS EPOXY POLYMER BINDER

price or replacement of product exclusive of labor or cost of labor.

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MANUFACTURER

Cornerstone Construction Material, LLC
1150 SE Hamblen Rd.
Lee's Summit, MO 64081
816-380-1082
www.ccmaterial.com