



# FasTrac CE335 Bridge Sealer

## ULTRA LOW VISCOSITY PENETRATING SEALER

### 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.

### Applications

- Bridge Decks
- Airport Runways
- Parking Decks
- Pavement

### Features

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

### Surface Preparation

For best results, surfaces should be between 18.3°C and 29.4°C. Minimum substrate temperature is 4.4°C. Concrete should be structurally sound and prepared mechanically as necessary to remove all markings, paints, compounds, and contaminants and facilitate penetration. Blow out surfaces of dust, debris, and loose material. For best performance, surfaces should be dry prior to product installation (moisture level below 6%).

### 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.



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## Coverage and Yield

7.56 L, 37.8 L, 416 L and 1890 L units available.

Approximate coverage of 4m<sup>2</sup> - 12m<sup>2</sup> per Litre, 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: 4.4°C to 35° C.

### TYPICAL PROPERTIES at 23.8°C

| TEST METHOD                            |         | RESULTS           |
|--|---------|-------------------|
| Viscosity                              |         | ≤ 250 cP          |
| Gel Time                               |         | 20 Minutes @ 22°C |
| ASTM D638 Tensile Strength             |         | 17.2 MPa          |
| ASTM D638 Tensile Elongation           |         | 75%               |
| ASTM D695 Compressive Strength         |         | 20.9 MPa          |
| ASTM D695 Compressive Modulus          |         | 620 MPa           |
| ASTM C884 Thermal Compatibility        |         | Pass              |
| ASTM C882 Bond Strength                | 14 Days | 19.3 MPa          |
| ASTM D 570 Absorption                  |         | 0.2% (24 hours)   |
| AASHTO T 277 Chloride Ion Permeability |         | 0.0 Coulombs      |
| Tack Free                              |         | 3 to 5 hours      |

#### Warranties and Disclaimers

Hychem warrants that this product shall conform to the technical specifications published in the product literature. The quality and fitness of the product is dependent upon the proper use and application of the product by the applicator. Hychem has no role in the application of the finished polymer other than to manufacture and supply its components. It is vital that the person applying this product understands the product and is fully trained and certified in the use of spray equipment and application of sol-gel materials. There are no warranties that extend beyond the description on the face of this instrument, except when provided in writing, directly by Hychem and executed under seal by a company officer.

#### Field Support

Field support where provided, does not constitute supervisory responsibility. Suggestions made by HYCHEM either verbally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they and not HYCHEM are responsible for carrying out procedures appropriate to a specific application.

#### Customer Responsibility

The technical information and application advice given in this publication is based on the best information available at the time of print. As the information herein is of a general nature, no assumption can be made as to the product suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by Commonwealth or State Legislation. The owner, his representative or the contractor is responsible for checking the suitability of products for their intended use.