



FasTrac CE325 HMWM Primer

HIGH MOLECULAR WEIGHT METHACRYLATE PRIMER



Technical Data Sheet

PRODUCT DESCRIPTION

FasTrac CE325 HMWM Primer is an ultra-low viscosity high molecular weight methacrylate primer for deep crack penetration. It is also used as a primer for FasTrac CE320 Polyester Concrete Overlay applications.

APPLICATIONS

- Bridge Deck
- Grade Corrections
- Parking Decks
- Concrete Pavements
- Joint Repairs

FEATURES

- Rapid Cure
- Ultra Low Viscosity for Deep Penetration
- Made in America
- Easy Application

SURFACE PREPARATION

Surface must be clean and sound. Surface must be free of standing water. Remove curing compounds, laitance, grease, rubber and any foreign matter or unsound substrates. Shot blasting is the preferred method for preparation of concrete substrates.

MIXING

Add approximately 2 fluid ounces of FasTrac CE325 Cobalt Promoter to 1 gallon of FasTrac CE325 HMWM Primer. Mix thoroughly for 30 seconds. While mixing, add approximately 3 fluid ounces of TRIGONOX K-90 and mix for additional 30 seconds. The mixture should be used within 5 minutes. When used as a primer, FasTrac CE320 Polyester Concrete Overlay shall be applied within 15 minutes of applying the primer.

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 CE Clean or approved solvent. Cured material can only be removed mechanically.

HANDLING PRECAUTIONS

Refer to the Safety Data Sheet for FasTrac CE325 HMWM Primer.

FasTrac CE325 Cobalt Promoter and TRIGONOX K-90 are highly incompatible and must never make contact directly with one another or be mixed together with FasTrac CE325 HMWM Primer resin. Should they come in contact with each other directly, a flash fire will occur.



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PACKAGING AND YIELD

- FasTrac CE325 HMWM Primer Resin: 5-gal pail, 55-gal drum, 250-gal tote
- FasTrac CE325 Cobalt Promoter: 1-gal bottle; 5-gal pail
- Trigonix K-90: 1-gal bottle; 5-gal pail

SHELF LIFE AND STORAGE

- FasTrac CE325 HMWM Primer Resin
 - Shelf life: 6 months shelf life when stored in dry, weatherproof conditions.
 - Storage Conditions: 40°F to 80°F (4.4°C to 27°C).
 - Physical State: Liquid
- FasTrac CE325 Cobalt Promoter
 - Shelf life: 6 months shelf life when stored in dry, weatherproof conditions.
 - Storage Conditions: 40°F to 80°F (4.4°C to 27°C).
 - Physical State: Liquid
 - Color: Dark Blue
 - Non-Volatiles: 16-19%
- Trigonix K-90
 - Shelf life: 6 months shelf life when stored in dry, weatherproof conditions.
 - Storage Conditions: 40°F to 80°F (4.4°C to 27°C).
 - Physical State: Liquid
 - Color: Colorless to Light Yellow

TYPICAL PROPERTIES at 75° F (23.8° C)	
TEST METHOD	RESULTS
FASTRAC CE325 HMWM PRIMER	
Viscosity	70 - 220 cP
Gel Time (60 g mass)	15 - 25 minutes
Volatile Content (ASTM D2369)	<30%
Flash Point (ASTM D3278)	>180 °F
Specific Gravity (ASTM D1475)	1.05-1.10
ACI 1583 Bond to Concrete	300 psi (2.0 MPa) 100% substrate failure
CT 551 PCC Saturated Surface Dry Bond	Substrate Failure
Styrene Content %	40-50%
ASTM C884 Thermal Compatibility	Pass
ASTM D570 Water Absorption	0.5% (24 hr)
ASTM D638 Tensile Strength 7 Days	>4,000 psi (27.6 MPa)

HEALTH AND SAFETY INFORMATION

This product contains POLYESTER resin and CATALYST. 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 contains chemicals known by the state of California to cause cancer.

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