CXE-200 Epoxy Primer/Sealer

Technical Data Sheet CXE-200

FOR PROFESSIONAL USE ONLY

This product is intended for use by professional installers. For best project results read all the applicable product information including MSDS, Technical Data Sheet and Product Specification Sheet before using this product.

Product Description

CXE-200 is a two component, 100% solids epoxy resin used for priming or sealing as well as a top coat for decorative heavy duty industrial floor systems.

Product Application

Food plants, breweries, commercial warehouses, manufacturing facilities, retail stores, etc.

Benefits

- Solvent Free, Low Odor, VOC Compliant
- U.S.D.A. Compliant
- Very Good Chemical Resistance
- Very Good Clarity (Clear)
- Good UV Resistance
- Can Tolerate up to 7 Pounds Moisture
- Excellent Impact and Abrasion Resistance

Packaging/Coverage

1 Gallon Kit

80 SF (at 20 mils) or 250 SF (at 6.4 mils)

4 Gallon Kit

320 SF (at 20 mils) or 1,000 SF (at 6.4 mils)

Also available in Bulk Kits

Surface Preparation

Proper surface preparation is critical. The area should be cleaned of all oil, grease, or other contaminants and be mechanically prepared by shot blasting, grinding, or scarifying.

Mixing Directions

Mix Part A and Part B together with a Jiffy blade for approximately one minute. Be careful not to introduce excess air into the material. Make sure bottom and sides of bucket are scraped to ensure complete mixing.

Application Instructions

Apply the material onto the floor with a roller or squeegee to the manufacturer's recommended coverage.

Cure Times at 73°F

Regular Cure

Pot Life	35-45 Minutes
Re-Coat	15 Hours
Foot Traffic	15 Hours
Forklift Traffic	48 Hours
Full Chemical Resistance	7 Days

Fast Cure

Pot Life	25-30 Minutes
Re-Coat	6 Hours
Foot Traffic	6 Hours
Forklift Traffic	48 Hours
Full Chemical Resistance	7 Days

Colors

Available in Clear and Corvixx Polymers 10 Standard Colors. Specialty colors available upon request, additional charges may apply.

Storage/Shelf Life

Materials should be stored at 50°F – 90°F and out of direct sunlight. Shelf life is one year in unopened containers.

Safety

Please read MSDS before using this product.

Cleanup

Clean mixing and application tools immediately with warm soapy water.

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Physical Properties

Density (lbs./gallon) - REGULAR CURE	Density (lbs./gallon) - FAST CURE
Part A: 9.46	Part A: 9.50
Part B: 8.60	Part B: 8.38
Mixed A & B: 9.17	Mixed A & B: 9.13
VOC's – 7.22 g/l	VOC's – 7.22 g/l
Mixing Ratio by Volume Part A:Part B – 2:1	Mixing Ratio by Volume; Part A:Part B – 2:1

Set Times (Slab Temp) REGULAR CURE	50°F.	73°F.	90°F.	Set Times (Slab Temp) FAST CURE	50°F.	73°F.	90°F.
Pot Life	1 Hour	35-45 Min.	20-30 Min.	Pot Life	45 Min.	25-35 Min.	15-20 Min.
Foot Traffic	18 Hours	15 Hours	12 Hours	Foot Traffic	12 Hours	6 Hours	4 Hours
Forklift Traffic	72 Hours	48 Hours	24 Hours	Forklift Traffic	72 Hours	48 Hours	24 Hours
Full Chemical Resistance*	9 Days	7 Days	5 Days	Full Chemical Resistance*	9 Days	7 Days	5 Days

**Refer to Chemical Resistance Chart*

ASTM	TEST METHOD	Liquids Only
D695 D695	Compressive Strength Percent Compressive Resiliency **Ratio of Force to % Resiliency**	7500 psi 48% 160:1
D695 D695	Compressive Strength @ Yield Percent Compressive Resiliency @ Yield	3400 psi 9.8%
D790	Flexural Strength	4900 psi
D790	Flexural Modulus of Elasticity	1.80×10^5
D638 D638	Tensile Strength Percent Tensile Elongation **Ratio of Tensile Stress to % Elongation**	2050 psi 17% 109:1
C321	Bond Strength to Concrete	Failure in Concrete
D4541	Bond Strength to Concrete	Failure in Concrete
C884	Thermal Compatibility to Concrete	No Delamination
C413	Absorption Unfilled	0%

Viscosity (Using LV.DV1=Viscometer at 73°F)
Part A: 500 – 520 cps Using 4 Spindle at 100 RPM
Part B: 395 – 410 cps Using 4 Spindle at 100 RPM
A & B Mixed: 420 – 430 cps Using 4 Spindle at 100 RPM

Limitations/Precautions
During installation and initial cure, substrate and air temperature must be at least 40°F.

Warranty
Corvixx Polymers Corporation warrants our products to be free of manufacturing defects. Liability for products proven defective is limited to replacement of the defective product or the refund of the purchase price paid for the defective product as determined by Corvixx Polymers Corporation. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY CORVIXX POLYMERS CORPORATION, EXPRESSED OR IMPLIED.

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