

CXE-202 SG Trowelable Steel Guard Epoxy

Technical Data Sheet CXE-202 Steel Guard

FOR PROFESSIONAL USE ONLY

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

Product Description

CXE-202 Steel Guard is a three component, 100% solids, trowelable epoxy floor system with non-rusting Steel Guard Filler.

Product Application

Food Plants, Breweries, Commercial Warehouses and Manufacturing Facilities.

Benefits

- Solvent Free, Low Odor, VOC Compliant
- U.S.D.A. Compliant
- Very Good Chemical Resistance
- Excellent Wear Resistance
- Excellent Impact and Abrasion Resistance
- Resin-Rich
- Dense Compact Finish

Packaging/Coverage

4 Gallon Kit = 25 SF @ 1/4"
Also available in Bulk Kits

Surface Preparation

Proper surface preparation is critical. The area should be cleaned of all oil, grease, etc. 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 thirty seconds. Be careful not to introduce excess air into the material. Add Part C (filler) and mix for approximately one minute. Make sure bottom and sides of bucket are scraped to ensure complete mixing.

Application Instructions

Pour the material onto the floor and spread with a trowel 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 Day

Fast Cure

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

Priming

CXE-202 Steel Guard is resin-rich and does not need a primer on sound concrete. However, to help reduce outgassing, blistering and dry spots, we recommend first priming with CXE-200 Primer or CXE-600 Water Based.

Colors

Available in Red, Gray, and Dark Gray. 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 SDS before using this product.

Cleanup

Clean mixing and application tools immediately with warm soapy water.

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Density (lbs./gallon)	Mixing Ratio by Volume	Theoretical Coverage
Part A: 9.5	Part A:Part B – 2:1	4 Gallon Kit – 25 SF @ ¼"
Part B: 8.4		
Mixed A & B: 8.95	A & B Mixed: Filler – 1:3	
VOC's – 7.22 g/l		

Set Times (Slab Temp)	50°F.	73°F.	90°F.	Set Times (Slab Temp)	50°F.	73°F.	90°F.
REGULAR CURE				FAST CURE			
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	Compressive Strength	7500 psi
D695	Percent Compressive Resiliency	48%
	Ratio of Force to % Resiliency	160:1
D695	Compressive Strength @ Yield	3400 psi
D695	Percent Compressive Resiliency @ Yield	9.8%
D790	Flexural Strength	4900 psi
D790	Flexural Modulus of Elasticity	1.80 x 10 ⁵
D638	Tensile Strength	2050 psi
D638	Percent Tensile Elongation	17%
	Ratio of Tensile Stress to % Elongation	109:1
D4541	Bond Strength to Concrete	Failure in Concrete
C884	Thermal Compatibility to Concrete	No Delamination
C413	Absorption Unfilled	0%

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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