

# CXE-406 Liner

Technical Data Sheet CXE-406



## **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-406 is a three component, 100% solids, novolac epoxy liner material that provides excellent chemical resistance to caustics, inorganic acids, and some solvents. CXE-406 novolac liner provides excellent adhesion and wear resistance.

### **Product Application**

Trench walls, pits, waste water treatment facilities, and high chemical attack walls/masonry surfaces.

### **Benefits**

Solvent Free, Low Odor, VOC Compliant  
U.S.D.A. Compliant  
Excellent Chemical Resistance  
Can Be Applied up to 1/8" Thick in One Pass  
Can Be Reinforced with Fiberglass  
Excellent Impact and Abrasion Resistance  
Resin-Rich  
Easy to Clean Hygienic Surface

### **Packaging/Coverage**

1 Gallon Kit = 12.8 SF @ 1/8"  
3 Gallon Kit – 38.4 SF @ 1/8"  
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**

Apply the material with a trowel to the manufacturer's recommended coverage.

### **Priming**

CXE-406 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-400.

### **Colors**

Available in Gray, Dark Gray, Red and White. Special colors available upon request.

### **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

### Mixing Ratio by Volume

Part A to Part B: 2:1

A&B Mixed to Filler: 1:2

### Coverage per Gallon

12 SF @ 1/8"

### Density (lbs./gallon)

Part A: 9.85

Part B: 8.9

Mixed A&B: 9.4

<u>Set Times (Slab Temp)</u> <b>REGULAR CURE</b>	50°F.	73°F.	90°F.	<u>Set Times (Slab Temp)</u> <b>FAST CURE</b>	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

## 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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