

## CXE-204 Grout

Technical Data Sheet CXE-204

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### **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-204 is a three component, 100% solids, epoxy grout for bedding or grouting suitable for bricklayer and tile setter methods.

### **Product Application**

Food Plants, Breweries, Commercial Warehouses, Manufacturing Facilities and Retail Stores.

### **Benefits**

- Solvent Free, Low Odor, VOC Compliant
- U.S.D.A. Compliant
- Very Good Chemical Resistance
- Excellent Impact and Abrasion Resistance
- Resin-Rich
- Excellent Adhesion to Brick and Tile
- Color Stable

### **Packaging/Coverage**

3 Gallon Kit

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 Bedding:**

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 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

### **Priming**

CXE-204 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 Black, White and 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 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)	Mixing Ratio by Volume
Part A: 9.5	Part A:Part B – 2:1
Part B: 8.4	
Mixed A & B: 8.95	
VOC's – 58.43 g/L per ASTM D-2369-01	

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	Filled System
C579	Compressive Strength		5700 psi
C579	Percent Compressive Resiliency Ratio of Force to % Resiliency		7.8% 800:1
C579	Compressive Strength @ Yield		3900 psi
C579	Percent Compressive Resiliency @ Yield		3.9%
D695	Compressive Strength	7500 psi	
D695	Percent Compressive Resiliency Ratio of Force to % Resiliency	48% 160:1	
D695	Compressive Strength @ Yield	3400 psi	
D695	Percent Compressive Resiliency @ Yield	9.8%	
C580	Flexural Strength		3800 psi
C580	Flexural Modulus of Elasticity		8.70 x 10 <sup>5</sup>
D790	Flexural Strength	4900 psi	
D790	Flexural Modulus of Elasticity	1.80 x 10 <sup>5</sup>	
C307	Tensile Strength		2100 psi
C307	Percent Tensile Elongation Ratio of Tensile Stress to % Elongation		6.0% 330:1
D638	Tensile Strength	2050 psi	
D638	Percent Tensile Elongation Ratio of Tensile Stress to % Elongation	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	No Delamination
C413	Absorption Filled		Less Than .09%
C413	Absorption Unfilled	0%	

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### Approximate Coverage Per Gallon (Jointing for Brick or Tile)

Brick/Tile Size	Joint Width	SF Coverage
4" x 8" x 1/2"	1/8"	70 SF
	1/4"	35 SF
4" x 8" x 1 3/8"	1/8"	25 SF
	1/4"	12.5 SF

### 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.