



## **KEM GROUT EP**

Non-Shrink, High strength, flowable Epoxy Grout

### **DESCRIPTION:**

Kem Grout EP is solvent free, three component high performance, non-shrink, free flowing epoxy grout for supporting equipment with precision alignment.

### **PRODUCT SPECIFICATION / COMPLIANCES:**

Maximum Operating Temperature	: 45 °C
Pot Life (at 30°C)	: 45 minutes
Curing time	: 24 hours
Colour	: Grey
Compressive strength at 1 day	: > 40 MPa
Compressive strength at 3 days	: > 55 MPa
Compressive strength at 7 days	: > 70 MPa
Flexural Strength (at 7 days)	: > 22 MPa
Tensile Strength (at 7 days)	: > 8 MPa
Mix Density	: 1.8 Kg/ Lit
Mixing Ratio (A: B: C)	: 3: 0.68:12.32 (Parts By weight)
Part A - Base	
Part B - Hardener	
Part C - Filler.	

### **PRIMARY APPLICATIONS:**

Grouting bolts and pins in horizontal and overhead applications.  
Grouting the base plates of heavy machinery and equipment, precast bridge sections etc.

Typical applications include:

Diesel /gas engines, generators	: Cone crushers
Large Compressors	: Mine hoists

Also grouting horizontal, vertical, and overhead cracks in static (nonmoving) structural concrete



## TECHNICAL DATA SHEET

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### PRODUCT FEATURES:

- Easy to use kit with pourable consistency.
- It possesses very good early and final strength.
- Good chemical-resistant to a wide range of acids, alkalis, oils etc.
- 100% solids epoxy binder
- Dynamic load resistant, due to good tensile and flexural strength
- High-Strength bonding characteristics
- Excellent adhesion with concrete and steel materials.
- Paste consistency for vertical and overhead appliances.
- Resists non-oxidizing mineral acids, alkali, dilute acids, organic acids and solvents.
- Provides corrosion protection to both in concrete foundation and machines.

### SUBSTRATE PREPARATION:

The concrete and steel surfaces must be clean, dry and free from any type of dust or loosely adhered particles. Proper rubbing of surface is advisable before applying the coating.

### MIXING OF COMPONENTS:

Components A and B should be stirred before mixing. Then Component C has to be added in mixed base and hardener slowly and mixing should be continued until a uniform consistency is not achieved. Slow-speed electric drill will be right choice for mixing.

**STORAGE:** Keep away from direct sunlight.

**SHELF LIFE:** 12 months in unopened containers (at temp. Between 0 to 30<sup>0</sup> C).

## TECHNICAL SERVICE:

Chembond has established itself in various fields on the basis of its dependable technical service. For this purpose , we maintain a well equipped laboratory for research & quality assurance of all products. Our experienced personnel are always on call and would always be available for product demonstrations and product performance monitoring.

## SAFETY PRECAUTIONS:

Kem Grout EP is low-toxic, but flammable. Any splash on the human body must be washed with thinner as suggested by us.

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