

## PRODUCT DESCRIPTION

ERG™CR is an epoxy resin-based precision grout with carefully balanced physical properties and excellent resistance to chemical attack. ERG™CR is a three component product formulated for easy installation with good flow characteristics and very low shrinkage for full baseplate contact and load transfer.

## PRODUCT FEATURES

- Good chemical resistance enables use in challenging environments.
- High Strength.
- Very low shrinkage for full baseplate contact and load transfer.
- Excellent flow ability with high bearing area for even load distribution.
- Durable bond to concrete and steel optimizes load transfer.

## TECHNICAL DATA

Density	2.23 g/cm <sup>3</sup>
Compressive Strength (7 days)	119 MPa
Tensile Strength (7 day)	16.8 MPa
Flexural Strength (7 day)	34.5 MPa
Mixing Ratio (Parts A:B:C) by Weight	2:1:2
Working Time at 21°C	20 minutes

## PRODUCT USES

ERG™CR is epoxy grouting material designed for grouting applications requiring resistance to chemical attack.

## HOW TO USE

### SURFACE PREPARATION

Concrete surfaces should be clean, sound and as oil- and water-free as possible. Excessively damaged concrete should be removed.

### MIXING

- Pour the hardener (Part B) into a pail of grout resin (Part A) and stir by hand, using a spatula or paint stirring paddle, until well mixed to a uniform color.
- Alternatively, a slow speed drill and mixing paddle may be used, provided that the mixing does not produce a vortex in the material. Excessive mixing will pull air into the product, which may compromise the finished installation.
- Add the grout aggregate (Part C) and mix only until aggregate is completely wetted out to avoid air entrapment.

### APPLICATION:

- The mixed grout should be poured steadily from one side only to eliminate the entrapment of air.
- Continuous grout flow is essential.
- Sufficient grout must be available prior to starting.
- The time taken to pour a batch should be regulated to the time taken to prepare the next batch.



Epoxy Resin Grout for Chemical Resistant Applications - ERG™CR

## HANDLING

Approved personal protection equipment should be worn at all times. Particle mask is recommended for possible airborne particles. Gloves are recommended when handling epoxy resin grout to avoid skin irritation. Safety glasses are recommended to prevent eye irritation. Wear chemical resistant clothing/gloves/goggles. Ventilate area. In absence of adequate ventilation, use properly fitted respirator.

## CLEANUP

Uncured epoxy may be removed from tools and equipment using soap and water or a citrus degreaser. Cured material must be removed mechanically.

## PACKAGING

Component: A = 10kg, B = 5kg, C= 10kg  
Component: A = 20kg, B = 10kg, C= 20kg

## STORAGE

Two years in original unopened packaging when stored in dry conditions; high relative humidity will reduce shelf life.

## FIRST AID

In case of skin contact, wash thoroughly with soap and water. For eye contact, flush immediately with plenty of water; contact physician immediately. For respiratory problems, remove to fresh air. Wash clothing before reuse.

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