

PRODUCT DESCRIPTION

ERG™200 is a two component epoxy resin grout which has high compressive, flexural and adhesive strength. With excellent workability, ERG™200 epoxy resin grout is for use in situations where the gap between a base plate and substrate needs to be filled and the structural load be uniformly distributed.

Just open the pail, remove the tray, add the hardener (component B) to the grout resin (component A) and it's ready to use. It's that easy.

PRODUCT FEATURES

- High compressive, tensile and flexural strengths
- Fast, convenient installation
- Two part material giving a better quality control during mixing
- Wide range of gap thicknesses are possible
- Low creep characteristics under sustained loading

TECHNICAL DATA

Density	1100 Kg/m ³
Working Time (32 °C)	10-20 min
Shrinkage (7 day)	-0.0063
Tensile Strength (7 day)	14 MPa
Flexural Strength (7 day)	30 MPa
Mixing Ratio (Parts A:B) by Volume	2:1

PRODUCT USES

- Grouting of machinery and equipment with high load requirements.
- Structural grouting of baseplates, columns, beams, crane rails, bridge seats, dowels, etc.

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.

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.



Two Component Epoxy Resin Grout - ERG™200

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

Cured material must be removed mechanically.

PACKAGING

Component: A = 25 kg bag, B = 10 kg bag

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.

DISCLAIMER OF LIABILITY

AFZIR, LLC warrants its products to be free from manufacturing defects. Buyer determines suitability of product for use and assumes all risks. Buyer's sole remedy shall be limited to replacement of product. Any claim for breach of this warranty must be brought within six months of the date of purchase. AFZIR shall not be liable for any consequential or special damages of any kind, resulting from any claim or breach of warranty, breach of contract, negligence or any legal theory.

The Buyer, by accepting the products described herein, agrees to be responsible for thoroughly testing any application to determine its suitability before committing to production.