

# TechnoGrout™ E2

## Two-Component Epoxy Grout

### PRODUCT DESCRIPTION

TechnoGrout™ E2 is two-component solvent-free epoxy grout, with high mechanical resistance. With excellent workability, TechnoGrout™ E2 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.



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### TECHNICAL DATA (DRY FIBER)

	Unit	TechnoGrout™ E2
Density	Kg/m <sup>3</sup>	1100
Working Time	(32 °c)	10-20 min
Shrinkage(7 day)		-0.0063
Tensile Strength(7 day)	MPa	14
Flexural Strength(7 day)	MPa	30
Mixing Ratio by Volume	Parts A:B	2:1

### ADVANTAGES

- It is unaffected by acids, bases, corrosive cleaners, salt water, chlorine, etc.
- It has very good adhesion and is very durable.
- It can be applied very easily, on vertical and horizontal surfaces, and can be cleaned by using hard sponges and clean water.
- High compressive, tensile and flexural strengths
- Wide range of gap thicknesses are possible
- Low creep characteristics under sustained loading

### TYPICAL USES

- Grouting of machinery and equipment with high load requirements.
- Structural grouting of baseplates, columns, beams, crane rails, bridge seats, dowels, etc.
- for surfaces that require high resistance to mechanical loads and chemical effects, as well as waterproofing.

### PACKAGING

Component: A = 10 kg, B = 5 kg

Component: A = 20 kg, B = 10 kg

### 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.

### INSTALLATION PROCEDURE

#### PREPARATION OF SUBSTRATE

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

#### 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.

### STORAGE

Two years in original unopened



packaging when stored in dry conditions; high relative humidity will reduce shelf life.

#### CLEAN UP

Cured material must be removed mechanically.

#### FAIRST AID

##### *Skin*

Wash fibers off skin with water and soap. If fibers are embedded in the skin, remove with tweezers. Discard clothing that may contain embedded fibers. Seek medical advice if exposure results in adverse effects.

##### *Eyes*

Immediately flush with a continuous water stream for at least 20 minutes. Washing immediately after exposure is expected to be effective in preventing damage to the eyes. Seek medical advice.

##### *Inhalation*

If there is inhalation exposure to the fibers of this product, remove source of exposure and move victim to fresh air. If victim is not breathing, give artificial respiration. If there is breathing difficulty, give oxygen. Seek medical advice for any respiratory problems.

##### *Ingestion*

Ingestion is not a likely means of exposure for this product. If ingestion does occur, do not induce vomiting. Give nothing by mouth if victim is unconscious. Seek medical advice.

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