

# COSTARGROUT - C40

## Costar Epoxy Baseplate Grouting System

### Description

Costargrout - C40 is a 3-component, 100% solids, moisture-tolerant, epoxy baseplate grouting system produced from carefully selected raw materials for consistency of product, hardens in 24 hours.

### Features/Benefits

- Long working time.
- High vibration resistance.
- Fast strength gain.
- Low peak exothermic system for large pours.
- High effective bearing area.
- Excellent flow-ability.

### Advantages

- Precision seating of baseplates.
- Precision grouting of wind turbine tower bases requiring rapid strength gain.
- Grouting under equipment, including heavy impact and vibratory machinery, reciprocating engines compressors, pumps, press, etc.
- Grouting for "pour-back" anchorage on post tensioning projects (e.g. segmental bridge).

### Surface Preparation

Surface must be cleaned from a loose particles, dust, grease, oil, scale and rust. The curvatures/slopes on horizontal and vertical surfaces should be leveled with a bedding/Costar Repair Mortar.

### Mixing Instruction

Pour the entire contents of Components 'A' & 'B' into an appropriate mixing vessel and mix for 30 seconds taking care not to entrain air during mixing. Do not over-mix. It is critical to the performance of the grout that there are no appreciable air bubbles in the resin. Slowly add the entire contents of Component 'C' and mix until uniformly blended (approx. 5 minutes).

### Application

Pour the mixed grout into the prepared forms from one side only to eliminate air entrapment. Baseplate should have vent holes around periphery to prevent air pockets from developing. Maintain the liquid head to ensure intimate contact with the base plate. Plungers may be used to ease placement. Place sufficient epoxy adhesive grout in the forms to rise slightly above the underside of the base plate.

### Technical Information

Application Life	80 minutes
Consistency	Flowable
Color	Gray
Flexural Strength (ASTM C-580)	4,000 psi (27.6 Mpa)

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### Limitation

- Cold material may require chaining, rodding, and pushing during placement.
- For proper seating, allow grout to rise above the bottom of the base plate.
- Do not batch. Mix complete units.

### Limited Warranty

All recommendations, statements and technical data herein are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty either expressed or implied. User shall rely on his or her own information and tests to determine suitability of the product for the intended use and user assumes all risk and liability resulting from his or her use of the product. Nothing contained in any supplied materials relieves the user of the obligation to read and follow the warnings and instruction for each product as set forth in the current Technical Data Sheet, product label and Safety Data Sheet prior to product use away.

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