

HIGH-STRENGTH, FAST-SETTING EPOXY ANCHORING GROUT

DESCRIPTION

PILE ANCHOR GROUT is a two-component, 100% solids, high-strength, pourable epoxy anchoring grout.

APPLICATIONS

PILE ANCHOR GROUT is designed to anchor reinforcing steel and tension connectors in concrete piles and foundations to withstand high dynamic wind, water and seismic loads.

ADVANTAGES

- High early and ultimate strength
- Fluid consistency
- High bond strength to substrates
- Chemical resistance
- Capable of large annular space
- Anchors requiring high load strengths
- Dynamic loads
- Deep embedment depths

COMPLIANCES

- VOC compliant, 0 g/L
- Made in America

PACKAGING

2.75-gallon unit

- Component A: (1) 5-gallon pail (partial fill)
- Component B: (1) ½-gallon can (partial fill)
- Both components contained within 5-gallon pail

Appearance of Components: A - Gray, B - Clear

Shelf Life: 12 months in original unopened container

Storage: 40°F to 95°F in dry and dark conditions

Temperature Considerations: IMPORTANT! Epoxy Resins are temperature sensitive and care should be taken to condition all components to between 65°F to 85°F for a minimum of 24 hrs. prior to mixing and placement. Temperatures colder than stated range increase viscosity of resins and inhibit mixing and flow of materials. Temperatures warmer than stated range decrease viscosity of resins, hasten the cure and reduce the working time. Mixing and curing at less than ideal temperatures, <60°F or >95°F, will require special considerations.

YIELD

2.75-gallon unit covers 635 cubic inches

CURE TIME

Gel Time (60 g mass): 45 min at 73° ± 2°F

Pot Life (full unit): 15 min at 73° ± 2°F

Allow 24 to 48 hrs. (depending on temperature) before loading

INSTALLATION

Surface Preparation: Substrate/bonding area must be free of oil, grease, and other contaminants. Steel and other surfaces should be sandblasted to bare metal finish and or have a clean bonding profile. Application area must be brushed and blown out with oil-free compressed air.

Mixing: Both Component A and Component B should be conditioned to 65°F to 85°F for at least 12 hours before use. Pour Component B into the Component A container and mix

thoroughly for 3 to 4 minutes with a low speed drill at 300 rpm using a Jiffy mixer. Keep the mixer completely submerged to prevent air entrainment. Scrape material completely from around the sides and bottom of the container with blade while mixing to ensure a complete and uniform mix.

Placement: Pour slowly from the top of the grout area to avoid any air entrapment, do not scrape unmixed material from bottom or sides of container, use only mixed material that freely flows from container. Fill the grout area to the required level and insert the rebar or tension anchor. The use of a large funnel may aid in application and clean-up.

LIMITATIONS

- For professional use only
- Do not thin with solvents
- Substrate temperature should be a minimum of 50°F.
- Consult E-Chem representative when mixing or placing outside of the temperature recommendations listed.

CLEAN UP

EQUIPMENT: Uncured material can be removed with C-Clean100 or approved solvent. Cured material can only be removed mechanically.

MATERIAL: Collect with absorbent material. Flush area with water. Dispose of in accordance with local, state and federal disposal regulations.

CAUTIONS

READ SDS PRIOR TO USING PRODUCT!

- Component A: Irritant
- Component B: Corrosive
- Product is a strong sensitizer. Use of safety goggles and chemical resistant gloves are recommended.
- Use in a well-ventilated area and avoid breathing vapors
- Use of a NIOSH/MSHA organic vapor respirator is recommended if ventilation is inadequate.
- Avoid skin contact
- Do not take internally
- Keep out of reach of children

FIRST AID

EYE CONTACT: Flush immediately with water for at least 15 minutes. Contact physician immediately.

RESPIRATORY CONTACT: Remove person to fresh air.

SKIN CONTACT: Remove any contaminated clothing.

Remove epoxy immediately with a dry cloth or paper towel. Solvents should not be used as they carry the irritant into the skin. Wash skin thoroughly with soap and water.

IF INGESTED: Do not induce vomiting. If swallowed give water to drink. Seek medical treatment immediately.

GENERAL: Remove contaminated soaked clothing immediately. In the event of persistent symptoms receive medical treatment.

CURED EPOXY RESINS ARE INNOCUOUS.

WARRANTY

This product is warranted and guaranteed to be of good quality. Manufacturer, as its sole and exclusive liability hereunder, will replace material if proved defective. This warranty and



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guarantee are expressly in lieu of all others, express or implied, including any implied warranty of merchantability or fitness for a particular purpose and may not be extended by representatives or any persons, written sales information, or drawing in any manner whatsoever. While the manufacturer recommends uses for the product based on tests believed reliable, no warranties, express or implied, or guarantees can be given as to particular methods of use or application, nor can performance be warranted, expressly or impliedly, or guaranteed under special conditions. Distributors, salespersons or company representatives are not authorized to extend or vary any warranties or guarantees beyond those outlined herein, nor may the manufacturer's or seller's limitation of liability be waived or altered in any manner whatsoever.