

ULTRA-HIGH STRENGTH, FAST SETTING EPOXY ANCHORING GROUT

DESCRIPTION

PILE ANCHOR GROUT is a two component, 100% solids, ultra-high strength, pourable epoxy anchoring grout. PILE ANCHOR GROUT is designed to anchor reinforcing steel and tension connectors in concrete piles and withstand high dynamic wind, water and seismic loads.

Appearance: Component A– gray, Component B– clear
Shelf Life: 12 months in original unopened container
Storage Conditions: Store at 40°- 95°F (5°- 35°C).
Condition material to 65°- 85°F (18°- 29°C) before using.
Gel Time (60 g mass): 45 min at 73° ± 2°F (23°C)

FEATURES

- 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

APPLICATION

1. 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.
2. MIXING: Both parts A and B should be conditioned to 18°C (65°F) to 29°C (85°F) for at least 12 hours before use. 24 hours prior to placement, Pre-Mix Part A to loosen settling. Pour Part B into the Part A container and mix thoroughly for 3 to 4 minutes using a spiral mixer with a low speed drill at 200 – 400 rpm. 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.
3. POURING: Pour slowly from the top of the grout area to avoid any air entrapment, do not scrape 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 or upside down traffic cone may aid in application and clean-up.

PACKAGING

2.75 gal (10.41 L) 635 cu. in. (10400 cc).

PRECAUTIONS

Component "A" Irritant: Prolonged contact with skin may cause irritation. Avoid eye contact.

Component "B" Corrosive: Contact with skin may cause severe burns. Avoid skin contact. Product is a strong sensitizer. Use of safety goggles and chemical-resistant gloves is recommended. Avoid breathing vapors. Use adequate ventilation. Use of a NIOSH/MSHA organic vapor respirator recommended if ventilation is inadequate.

FIRST AID

Remove contaminated clothing. For eye contact, flush immediately with plenty of water for at least 15 minutes; contact physician immediately. For respiratory problems, remove person to fresh air. For skin contact, remove epoxy immediately with a dry cloth or paper towel. Wash area of contact thoroughly with soap and water. **Solvents should not be used** because they carry the irritant into the skin. Wash clothing before re-use. Cured epoxy resins are innocuous.

CLEAN UP

Ventilate area. Confine spill. Collect with absorbent material, flush area with water. Dispose of in accordance with current applicable local, state and federal regulations. Uncured material can be removed with C-Clean100 or other approved solvent. Cured material can only be removed mechanically.

LIMITATIONS

Minimum application temperature 50°F.
Do not thin. Solvents will prevent proper cure

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 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 guarantee 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 manufacturers or sellers, limitation of liability be waived or altered in any manner whatsoever.