



FasTrac CE408 Gold

CODE-COMPLIANT ANCHORING ADHESIVE



Technical Data Sheet

PRODUCT DESCRIPTION

FasTrac CE408 Gold is a 100% solids, non-sag, two component anchoring adhesive with ICC-ES Evaluation that complies with ACI 318 - 14 and ACI 355.4 -11. FasTrac CE408 Gold may be used in cracked and uncracked concrete, seismic load applications and is suitable for use in dry and damp concrete. FasTrac CE408 Gold can be installed at temperatures down to 15° F (-9° C) and has high compressive and tensile strengths.

APPLICATIONS

- Anchors and Dowels
- Threaded Rod
- Cap Sealing
- Dry or Damp Concrete

FEATURES

- ICC-ES Evaluated
- Non-Sag Gel
- High Tensile Strength
- High Bond Strengths

PREPARATION

Drill holes with rotary hammer drill based upon specified design depth and diameter. Hole diameter should not exceed 1/4 inch larger than diameter of embedded item. Blow out hole with oil-free compressed air. Insert wire brush into hole and scour all sides and bottom of drilled hole to loosen all drilling dust and debris. Blow out hole a second time with oil free compressed air until no dust or debris is observed exiting hole. Holes may be damp or dry but should be free of standing water. Anchors, bolts, and dowels should be free of oils, grease and oxidation. Remove all substances that can inhibit the bond of epoxy to anchor.

MIXING & INSTALLATION

Best mixing and dispensing of CE408 Gold are achieved when adhesive is between 65°F and 85°F (18.3°C and 29.4°C). Install static mixer on cartridge ensuring positive seal. Cut tip as necessary. Begin dispensing using a 10:1 ratio manual or automated gun until a uniform color exits static mixer. Discard initial material and any that is not of a uniform color. Starting at bottom of hole, dispense adhesive and slowly move upward through hole. Do not begin dispensing adhesive from top of hole. Fill hole uniformly to approximately 2/3 full and insert anchor immediately. Anchors should be slowly rotated during insertion to promote wetting of anchor surfaces and minimize air entrapment.

CURING

FasTrac CE408 Gold is self-curing. Do not add solvents during cure. In service operation may begin once design strengths are achieved. Colder temperatures will increase time to design strength.

CLEAN UP

All surfaces, tools and equipment may be cleaned with FasTrac Finishing Aid / Epoxy Cleaner immediately after final use.

PACKAGING, STORAGE AND SHELF LIFE

300 ml and 825 ml cartridges.

Storage temperatures - 50°F to 90°F (10°C to 32°C).



 www.fastracproducts.com

 816-380-4747

 sales@fastracproducts.com

 Lee's Summit, MO 64081



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| TYPICAL PROPERTIES at 75° F (23.8° C) | |
|---|-----------------------|
| TEST METHOD | RESULTS |
| Viscosity | ¼ inch non - sag gel |
| ASTM D695 Compressive Strength (7 Days) | 10,000 psi (68.9 MPa) |
| ASTM C882 Slant Shear Bond (1 Day) | 2,000 psi (13.8 MPa) |
| ASTM D570 Absorption | 0.2% |
| ASTM D638 Tensile Strength | 3,500 psi (24.1 MPa) |
| ASTM D638 Tensile Elongation | 1.2% |
| ASTM D732 Shear Strength | 2,500 psi (17.2 MPa) |
| ASTM C884 Thermal Compatibility | PASS |
| ASTM D648 Heat Deflection Temperature | 140°F (60°C) |

HEALTH AND SAFETY INFORMATION

This product contains Portland cement, silica sand and respirable silica. Respirable silica is a suspected human carcinogen by NTP and IARC. Use proper PPE when working with this material, including eye protection, gloves and NIOSH / MSHA approved dust masks or respiratory protection as required to prevent inhalation and accidental ingestion. Read SDS thoroughly before use.

LIMITED WARRANTY

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