



CE408 GOLD

CODE COMPLIANT ANCHORING ADHESIVE

DESCRIPTION

FasTrac CE408 GOLD Anchoring Adhesive is a two-component, 100% solids, moisture-insensitive, high strength, high modulus, non-sag epoxy acrylate anchoring adhesive.

FasTrac CE408 GOLD is compliant with the following codes and standards:

2018 - 2006 International Building Code (IBC)

2018 - 2006 International Residential Code (IRC)

ACI 318-14, ACI 318-11

ACI 355.4-11

ICC-ES AC308

USE

Use for installation of reinforcing steel, and threaded rods in dry, damp or water saturated cracked and uncracked concrete in vertical downward, horizontal, upwardly inclined and overhead post installed anchoring applications.*

May be used for sustained and short term loads including seismic loads (categories A-F) and wind loads. *

*See UES Evaluation Report #725 for design information.

FEATURES

- Fast curing
- Installation temperature 14°F - 95°F
- High strength, high modulus
- Non-sag gel consistency
- Easy dispensing
- Moisture tolerant
- Low VOC, low odor
- Styrene free

PACKAGING AND YIELD

- 300 ml cartridge
- 825 ml cartridge

PHYSICAL PROPERTIES

Shelf Life: 12 months in original unopened container

Storage Conditions: 40°F- 77°F (5°C-25°C)

Conditioning: 65°F-85°F (18°C-29°C)

Mix Ratio: 10:1 by volume

Viscosity: 1/4 inch non-sag gel

Gel Time (60g @ 73°F): 5 minutes

Tensile Strength: 3,500 psi

Tensile Elongation: 1.2%

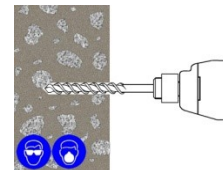
Compressive Strength (7 day): >10,000 psi

Heat Deflection Temperature: 140°F (60°C)

Absorption (24 hr): 0.1%

INSTALLATION

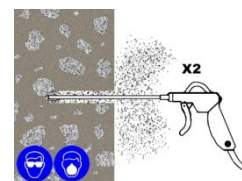
1 Using the SDS Hammer Drill in rotary hammer mode for drilling, with a carbide tipped drill bit (ANSI B212.15-1994) of the appropriate size, drill the hole to



the specified hole diameter and depth.

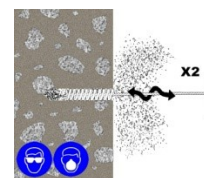
2 Insert the air lance to the bottom of the hole and blow out the hole by depressing the trigger for approximately 2 seconds.

Compressed air must be clean and dry with a minimum pressure of 90 psi (6 bar).



Perform the blowing operation twice.

3 Select the correct size Hole Cleaning Brush. Ensure that the brush is in good condition and the correct diameter. Insert the brush to the bottom of the hole, using a brush extension if needed to reach the bottom of the hole and withdraw with a twisting motion. *There should be positive interaction between the bristles of the brush and the sides of the drilled hole.*



Perform the brushing operation twice.

4 Repeat 2

5 Repeat 3

6 Repeat 2

7 Select the appropriate static mixer nozzle, checking that the mixing elements are present and correct (**do not modify the mixer**). Attach mixer nozzle to the cartridge. Check the Dispensing Tool is in good working order. Place the car-



tridge into the dispensing tool.

8 Extrude some resin to waste until an even colored mixture is achieved.



The cartridge is now ready to use.

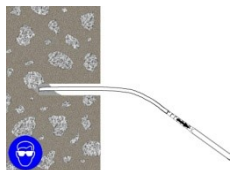


CE408 GOLD

CODE COMPLIANT ANCHORING ADHESIVE

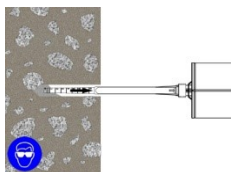
If required, attach an extension tube with resin stopper to the end of the mixing nozzle with a push fit.

(The extension tubes may be pushed into the resin stoppers and are held in place



with a coarse internal thread).

Insert the mixing nozzle to the bottom of the hole. Extrude the resin and slowly withdraw the nozzle from the hole. **Ensure no air voids are created** as the nozzle is withdrawn. Inject resin until the hole is approximately $\frac{3}{4}$ full and remove the nozzle



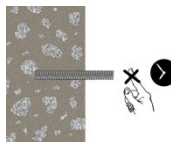
from the hole.

Select the steel anchor element ensuring it is free from oil or other contaminants, and mark with the required embedment depth. Insert the steel element into the hole using a back and forth twisting motion to ensure complete cover, until it reaches the bottom of the hole. Excess resin will be expelled from the hole evenly around the steel element and there shall be no gaps between the anchor element and the wall of the drilled hole.

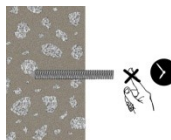


Clean any excess resin from around the mouth of the hole.

Do not disturb the anchor until at least the minimum cure time has elapsed. Refer to the Working and Load Timetable to determine the appropriate cure time.

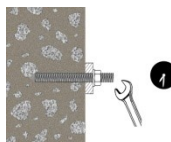


Do not disturb the anchor until at least the minimum cure time has elapsed. Refer to the Working and Load Timetable to determine the appropriate cure time.



Position the fixture and tighten the anchor to the appropriate installation torque.

Do not over-torque the anchor as this could adversely affect its performance.



LIMITATIONS

Minimum substrate temperature is 14°F (-10°C).

Pre-condition CE408 GOLD to 65° - 85°F (18° - 29°C)

CLEAN UP

Collect with absorbent material. Flush area with water. Dispose of in accordance with local, state and federal disposal regulations. Uncured material can be removed with Natural Clean or other approved solvent. Cured material can only be removed mechanically.

LIMITED WARRANTY

All information provided by Cornerstone Construction Material LLC (CCM) concerning CCM products, including but not limited to, any recommendations and advice relating to the application and use of CCM products, is given in good faith based on CCM's current experience and knowledge of its products when properly stored, handled and applied under normal conditions in accordance with CCM's instructions. In practice, the differences in materials, substrates, storage and handling conditions, actual site conditions and other factors outside of CCM's control are such that CCM assumes no liability for the provision of such information, advice, recommendations or instructions related to its products, nor shall any legal relationship be created by or arise from the provision of such information, advice, recommendations or instructions related to its products. The user of the CCM product(s) must test the product(s) for suitability for the intended application and purpose before proceeding the full application of the product(s). CCM reserves the right to change the properties of its products without notice. All sales of CCM product(s) are subject to its current terms and conditions of sale.

Prior to each use of any CCM product, the user must always read and follow the warnings and instructions on the product's most current Technical Data Sheet, product label and Safety Data Sheet which are available at www.ccmaterial.com. Nothing contained in any CCM materials relieves the user of the obligation to read and follow the warnings and instructions for each CCM product as set forth in the current Technical Data Sheet, product label and Safety Data Sheet prior to product use.

CCM warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current Technical Data Sheet when used in accordance with the written instructions. User determines suitability of product for intended use and assumes all risks. Buyer's sole remedy shall be limited to the purchase price or replacement of product exclusive of labor or cost of labor.

NO OTHER WARRANTIES EXPRESS OR IMPLIED SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. CCM SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES. CCM SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS.

MANUFACTURER

Cornerstone Construction Material, LLC
1150 SE Hamblen Rd.
Lee's Summit, MO 64081
816-380-1082 www.ccmaterial.com