

Product Offering Overview



Estimate how much epoxy your job needs. Quickly calculate the number of required cartridges using the Epoxy Quantity Estimator. Run our web application on your desktop, smart phone or tablet. The Estimator works with threaded rods or rebar. Enter the quantity, rod diameter and drilled hole depth, choose the epoxy type and the required number of cartridges is displayed. MiTek-US.com/products/anchoring-solutions/anchoring-epoxy/

CIA-GEL 7000-C Epoxy

CIA-GEL 7000-C Epoxy is an adhesive designed to attach anchor rods into concrete that is, or may become, cracked due to cyclic loading from wind or earthquakes. It may also be used with fully grouted CMU construction. It is a low odor, solvent free, non-shrink, non-sag adhesive. The two-component (resin and hardener) epoxy is supplied in equal volume cartridges, which are combined in a 1:1 ratio when dispensed through the attached mixing nozzle. Either a manual or powered dispenser may be used. The cartridges are sealed with a D-plug which opens easily and allows partially used cartridges to be saved for later use. The epoxy has a two year shelf life when stored in unopened containers at temperatures between 50°F and 77°F.

Applications:

- Anchors threaded rod or deformed rebar into cracked or uncracked concrete.
- Anchoring All Thread Rod for holdowns into concrete for high seismic zones (SDC C-F)
- Horizontal and overhead anchoring applications (requires special inspection)

Codes: IBC, FL, LA, NSF/ANSI Standard 61



Available Sizes:
 8.5 oz. – GEL7C-10
 20.3 oz. – GEL7C-22

MiTek Adhesive Anchor Design is powerful design software for CIA-GEL 7000-C that provides optimized epoxy connection solutions for threaded anchors post-installed into concrete. The software determines the required anchor rod steel grade, diameter and effective embedment depth based on applied factored tension, shear and moment loads. Get the free download at MiTek-US.com/software/Adhesive-Anchor-Design.

CIA-GEL 7000 Epoxy

CIA-GEL 7000 Epoxy is a structural adhesive specifically designed to attach anchor rods into fully grouted concrete masonry units (CMU) and is evaluated to ICC-ES AC58 for seismic, sustained load, elevated temperature and freeze-thaw suitability conditions. It can also be used to install anchor bolts into uncracked concrete and reinforced brick. It is a low odor, solvent free, non-shrink adhesive. The two-component (resin and hardener) epoxy is supplied in equal volume cartridges, which are combined in a 1:1 ratio when dispensed through the attached mixing nozzle. Either a hand powered or air-powered dispenser may be used. The cartridges are sealed with a D-plug which opens easily and allows partially used cartridges to be saved for later use. The epoxy has a two year shelf life when stored in unopened containers at a temperature of 70°F.

Applications:

- Anchors All-Thread rod and deformed rebar into fully grouted CMU
- Brick veneer anchoring
- Crack injection of medium to wide cracks
- Anchors rebar and threaded steel rod into uncracked concrete.

Codes: IBC, FL, LA



Available Sizes:
 8.6 oz. – GEL7-10
 21.2 oz. – GEL7-22

CIA-GEL 6000-GP Epoxy

CIA-GEL 6000-GP is a superior epoxy specifically designed for general purpose structural applications that require quick load times and for doweling applications requiring state DOT approval. It is a two-component (1:1 ratio) adhesive epoxy with 100% solids and is solvent free, moisture insensitive, non-sag and odorless. It provides exceptional strength in anchoring and doweling applications and can be used in temperatures between 35°F and 110°F. The epoxy has a two year shelf life when stored in unopened containers at temperatures between 40°F and 95°F.

Applications:

- Doweling applications for rebar and tie bars for full depth concrete pavement repairs
- Anchoring and bracing for short term tensile load where dynamic, vibratory, wind or intermittent loads exist
- Use in concrete, grout filled block and unreinforced masonry for general purpose anchoring and doweling applications
- Concrete doweling road repairs where DOT approval is required.

Codes: Multiple State DOT listings, Tested to AC-58 standards – Compliant to ASTM C881-10



Available Sizes:
21.2 oz. – GEL6GP-22

CIA-EA Epoxy Acrylate

CIA-EA Adhesive Anchoring System is an epoxy acrylate specifically designed to be a high strength, fast cure structural adhesive for anchoring threaded rod and deformed rebar into uncracked concrete. It has the added advantage of being formulated to be used in colder temperatures (32°F) while maintaining excellent flowability. CIA-EA may also be used with fully grouted CMU and reinforced brick construction. It is a 2-component, 100% solids, moisture insensitive adhesive that is ideally suited for a wide range of applications. It is composed of a proprietary blend of solvent free epoxy acrylate resin and is backed by independent research and testing. The epoxy has a 15 month shelf life when stored in unopened containers at temperatures between 41°F to 77°F.

Applications:

- Anchors All-Thread rod into concrete
- May also be used to anchor rebar, starter bars and dowels
- Applications requiring fast cure times
- Cold weather applications
- Can be used in horizontal anchoring applications
- Can be used in overhead anchoring applications (requires special inspection)

Codes: IBC, NSF/ANSI Standard 61



Available Sizes:
9.4 oz. – EA-10

Incredi-Bond® Epoxy

Incredi-Bond® is a high strength two-component epoxy specifically designed to be a bonding agent for almost all household materials including wood, steel, concrete, brick, stone and CMU block. It is moisture insensitive and can also be used to fill cracks in concrete, block and stone. The epoxy has a 2 year shelf life when stored in unopened containers in dry conditions between 40°F to 90°F.

Applications:

- Bonding applications for: Concrete • Brick • CMU block • Stone • Metal • Wood
- Repair vertical and overhead cracks in concrete (non-structural)
- Repair vertical and overhead spalls in concrete (5/8" deep & 3" diameter max)
- Non-sag consistency makes this ideal for corner repairs to concrete and block walls
- Repair and replace brick
- Replace pool tile (no need to empty pool)
- Fill holes and cracks
- Not recommended for structural applications



Available Sizes:
8.6 oz. – IB-9