



Anchor Epoxy

1:1 Cartridge

PRODUCT DESCRIPTION:

Marflex Anchor Epoxy is a 100% solids moisture-insensitive, structural high strength, fast setting, two component epoxy adhesive.

PURPOSE:

Ideal for anchoring bolts, dowels and reinforcing rebar in concrete.

ADVANTAGES:

- High Strength
- Easy to dispense; No pre-mixing
- Moisture insensitive
- Fast setting
- Excellent adhesion
- Non-sag gel consistency

SPECIFICATIONS:

Meets ASTM C-881, Type I, II, IV and V, Grade 3, Class B & C*

- Mix Ratio – 1 part A to 1 part B by volume
- Mixed Color – Gray
- Consistency – non-sag gel
- Gel Time – 6-8 minutes at 75°F (28°C)
- Cure – 90% of strength in 2 hours
- Shelf Life – 2 years (unopened containers)
- Compressive Strength - ASTM D-695 - 10,600 psi
- Concrete Bonding – ASTM C 882 – 3,000 psi at 14 days
- Water Absorption – ASTM D-570 - .08%

PACKAGING:

22 fl. oz. (Product & Catalyst)

APPROXIMATE USAGE:

Rate varies depending on size of hole.

PREP/APPLICATION:

For anchoring of bolts, dowels, rebar etc. the depth of the hole should be approximately 9-15 times the bolt diameter. The hole space around the bolt in the hole should not exceed 1/8" (.3 cm).

Drilled holes should be cleaned with a bristle brush. Remove all water and dust with clean compressed air prior to installation. Air and surface temperature must be 40°F or above.

Cut the static mixer tip to the preferred opening for the job. Next, remove plugs from the cartridge, attach the static mixer with the retaining nut and tighten. Load the cartridge into the caulk gun. Dispense a bead of Anchor Epoxy until the color is uniform. This will insure that the product is mixed thoroughly and that the material will harden properly before proceeding. Dispense into anchoring hole filling from the bottom up until full.

Insert the bolt, dowel or anchor turning it slowly during insertion. After insertion, the hole should be completely full of epoxy

CLEAN UP:

It is best to remove material from equipment before set up. Use Mar-flex's Orange 90 cleaner or xylene for clean up.

LIMITATIONS:

Always test a small amount of the Anchor Epoxy to insure that the product is mixed thoroughly and that the material will harden properly before proceeding.

Do not thin with solvents. Surface and ambient temperature must be 40°F (4°C) or above. For applications with constant high temperatures (above 150°F, 66°C), contact Mar-flex Building Solutions.

Do not expose stored product to cold or freezing temperatures (below 35°F, 1°C) for any length of time.

Note: High temperature will accelerate the setting time and cool temperature will slow the setting time. As a general rule, the gel time of the epoxy will be cut in half for each 10° – 15° drop below 75°F (24°C).

PRECAUTIONS:

Per NTSB Safety Recommendations, the use of adhesive anchors is prohibited in sustained overhead load anchoring applications.

WARNING/DANGER:

- Use with adequate ventilation
- Keep out of the reach of children
- Do not take internally
- In case of ingestion, CALL A PHYSICIAN immediately. DO NOT INDUCE VOMITING.

Component A – Prolonged or repeated exposure may cause eye/skin irritation. If contact occurs, wash immediately and seek medical help as needed. Wear protective clothing, gloves and goggles.

Component B - Avoid skin and eye contact. Contact with skin may cause severe burns. If skin contact occurs, wash immediately with clean water and seek medical help as needed. Wear protective clothing, gloves and goggles. This product may be a strong sensitizer. Avoid inhalation of vapors. Use safety glasses and wear protective rubber gloves.

PRODUCT ONLY WARRANTY:

We warrant the product to be of good quality and manufactured to meet published physical properties and quality control standards.

Except as specifically provided herein, Mar-flex makes no warranty, express, implied or oral including but not limited to any warranty or merchantability, fitness for a particular purpose, usage of trade, course of dealing or course of performance in connection with this agreement. In no event shall Mar-flex be liable on any such warranty with respect to the product. Mar-flex shall not be liable for incidental or consequential damages including, but not limited to damages of the structure, its replacement, contents or personal injury. Some states do not allow limitations on how long an implied warranty lasts or allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

HEALTH AND SAFETY INFORMATION IS GIVEN IN THE MATERIAL SAFETY DATA SHEET AND THE PRODUCT DATA SHEET AVAILABLE FOR THIS PRODUCT. THESE SHOULD BE READ AND UNDERSTOOD BEFORE USING THIS PRODUCT.

Mar-flex Waterproofing & Building Products
500 Business Pkwy, Carlisle, OH 45005
(800) 498-1411 | (513) 422-7285 | Fax – (513) 422-7285
E-mail: info@mar-flex.com
Web-site: www.Mar-flex.com
Rev. 2/13

* Except for minimum gel time due to it's fast