
Non-Sag Fast Cure Epoxy

Description: Crackbond CG-300 is a two component 100% solids, high modulus, structural epoxy gel adhesive. Its high viscosity, non-sag, creamy consistency makes it ideal for surface filling, sealing/capping and mounting ports in crack-injection applications. A long pot life and quick strength gain upon cure gives workers maximum application time and reduces wasted product. CG-300 is moisture insensitive and will adhere to moist or damp surfaces. (For maximum bond, it is better to work on a dry surface.)

Applications:

- Mounting injection ports and capping cracks (crack-injection)
- Injecting blind side cracks (basements)
- High strength anchoring and doweling
- Seismic anchoring and bracing
- Bonding agent (metal, concrete, brick, wood, stone, or block)
- Pick proof Sealant – windows, doors, locks, correctional facilities
- Structural bonding of concrete to concrete

Features and Benefits:

- Highest strength adhesive and one of the strongest in the industry
- May be used in concrete, hollow block, brick, clay and stone
- Perfect for vertical, horizontal, overhead & screen applications
- High Viscosity, non-sag gel
- Reliable and easy to use 2:1 mix ratio
- Moisture insensitive - may be used in damp environments

Classification: Independently Tested: Meets ASTM C881-99: Type I, II, IV and V, Grade 3, Class A, B and C.

Packaging: Crackbond CG300 is available in 16oz. dual cartridge system. Bulk sizes include 1 gallon (102 fl. oz.), 3 gallon, 15 gallon and 150 gallon kits.

Manufactured In The U.S.A. by Adhesives Technology Corp.

Instructions For Use:

DUAL CARTRIDGE USE: Pneumatic and manual dual cartridge dispensing tools are available for most cartridge sizes. Read and follow the complete instruction guide for anchoring and doweling with dual cartridge systems.

BULK USE: Pre-mix each component “A” and “B” separately. Then mix all of part “A” with all of part “B” until a uniform gray color with no streaks is achieved. Use a drill on low speed (400 rpm) for a minimum of three minutes. Make sure to scrape the sides and bottom to thoroughly mix all contents. Mix the epoxy in 1:1 proportions. Mix only the quantity that can be used within the pot life of the adhesive. Read and follow the complete instruction guide for anchoring and doweling with bulk adhesives.

Technical Data for Ultrabond CG300

Shelf Life	2 years
Storage Conditions	Below 95° F
Color	Concrete Gray
Consistency (@ 73° F)	Non-Sag
Temperature Range	35° F - 115° F
Mixing Ratio A:B (Volume)	2:1
Gel Time (60 gram mass @ 78° F)	10 minutes¹
Water Absorption – 24 hrs	0.06 %
Linear Shrinkage	0.002 cm/cm
Compressive Yield Strength - 7 days (73° F)	15,000 psi
Compressive Modulus Strength – 7 days	321,000 psi
Bond Strength	2,100 psi
Tensile Strength - 7 days (@73° F)	7,300 psi
Elongation at Break – 7 days	1.9%
Heat Deflection Temperature	152° F

1. Gel and Bolt Up Times lengthen as temperatures decrease and shorten as temperatures increase.

Independent test reports available upon request
For technical support call Adhesives Technology Corp. at 1-800-892-1880

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