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## Non-Sag Fast Cure Epoxy

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**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.)

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**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

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**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

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

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**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.

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

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## 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.

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### **Technical Data for Ultrabond CG300**

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

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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