
Non-Sag Capping Paste

Description: Crackbond CP-1400 is a two component 100% solids, high modulus, structural epoxy paste adhesive. Its high viscosity, non-sag, creamy consistency makes it ideal for surface filling, sealing/capping and mounting ports in crack-injection applications. With a 10-minute gel time and quick strength gain upon cure gives workers maximum application time and reduces wasted product. CP-1400 is moisture insensitive and will adhere to moist or damp surfaces. (For maximum bond, it is better to work on a dry surface.)

Uses and Advantages: Anchor grouting threaded rod, rebar dowels into concrete and masonry
Mounting injection ports and capping cracks
Bonding concrete, wood and masonry
Reliable and easy to use 1:1 by volume mix ratio
Moisture insensitive and may be used in damp environments
Negligible shrinkage

Packaging: Crackbond CP-1400 is available in a bulk sizes including 1-gallon and 2-gallon kits.
1 Gallon yield 231 cu. in. of epoxy
1.8 cu. in. = 1 fl. oz.

How To Use:
BULK USE: Thoroughly stir the contents of each pail (part A then part B) before mixing the two components together. Measure out equal volumes of hardener (black part B) and resin (white part A). Mix only the amount of material that can be used within 8 – 10 minutes. Mix together until the entire mixture is uniform and consistent gray color with no streaks (approximately 2 – 3 minutes). The epoxy may be completely hand mixed or

Manufactured In The U.S.A. by Adhesives Technology Corp.
www.atc.ws

for larger quantities the material may be mixed with an electric drill and standard mud-mixing paddle. The mixing process should not add air to the epoxy. Do not whip or stir air into the mixture. Begin to use the mixed epoxy as soon as it is thoroughly mixed. Follow the application instructions as outlined in the *Crack Injection Concrete Repair Technical Manual* for mounting ports and capping cracks.

CAUTION: Mixed epoxy must be used before the started get time or pot life has elapsed. Failure to do so will result in hardened and unusable epoxy that must be discarded. See formula gel time or pot life to determine the working time for each formula. Cure Times dramatically lengthen at lower temperatures.

TECHNICAL DATA FOR CRACKBOND CP-1400

Shelf Life	2 years
Storage Conditions	Below 95° F
Color	Concrete Gray
Consistency	Non-sag @ 78° F
Temperature Range	35° F - 110° F
Mixing Ratio A:B (Volume)	1:1
Gel Time (60 gram mass @ 78° F)	10 minutes¹
Compressive Yield Strength - 7 days	8,500 lbs
Bond Strength	2,400 psi
Heat Deflection Temperature	139° 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

Manufactured In The U.S.A. by Adhesives Technology Corp.
www.atc.ws