

CR-204 COMPLIANCE :

AASHTO M - 235 AND ASTM C 881-90 SPECIFICATION Type 1 & 4 - Grade 2- Class A; B & C

APPLICATION

CRACK INJECTION - Low or high pressure may be used. Low pressure is the safest and typically penetrates deeper into fissures and voids providing a better overall application and repair. Set injection ports over the crack at the appropriate spacing and seal the ports and the exposed surface area of the crack with CR-350 Fast. For splash zone or underwater requirements please contact Technical Services for specific product usage. When the surface sealer has become tack-free inject the crack with a steady stream of epoxy and pressure. Consult with Concrete Coatings Inc. Technical Staff for additional information on crack and delaminations that are filled with water, in splash zone areas, or underwater. Request assistance on wood applications.

LIMITATIONS

- Minimum substrate and ambient temperature is 20°F.
- DO NOT THIN - solvents will prevent proper cure.
- DO NOT PUMP EPOXY IF ICE IS PRESENT IN CRACK OR VOID.
- Do Not Inject Cracks Greater than 1/4 in.
- Do Not inject Delaminations Greater than 1 in.

SURFACE PREPARATION

Concrete, stone, wood, steel and other substrates must be clean and sound. Remove dust, grease, waxes, oils, curing compounds, coatings and all contaminants by mechanical means such as bush hammering and/or abrasive blasting. Abrasive blast all metal surfaces to white metal for best adhesion. Apply epoxy before flash rusting develops or the cleaned surface becomes contaminated.

PRECONDITIONING EPOXY

When temperatures drop it becomes harder to flow the epoxy as when the temperatures are warmer. To improve the flow ability at lower temperatures preheat each epoxy component to 90°F before mixing.

Caution the potlife will be reduced by about 50% when mixing by mechanical means. It does not effect the epoxy when a static mixing tube is used for mixing.

MECHANICAL MIXING

Mix Component "A" then pour Component "B" into "A" and mix for 90 seconds with a low speed paddle attached to a drill (400-600 rpm).

STATIC TUBE MIXING

When the epoxy is being mixed with a static mixing tube on a pre-filled cartridge or on an Injection Machine no pre-mixing is required.

CAUTION

Before Using Read Material Safety Data Sheets.

Component "A"- Irritant - Contains epoxy resins. Prolonged contact with skin may cause irritation. Avoid contact with eyes.

Component "B" - Corrosive - Contains aliphatic and other amines. Contact with skin may cause severe burns. Avoid eye contact. Product is a strong sensitizer

Important Information

Use of safety goggles, chemical-resistant gloves, adequate ventilation and NIOSH/MSHA approved respirator is recommended.

FIRST AID

In case of skin contact, wash thoroughly with soap and water. For eye contact, flush immediately with plenty of water for at least 15 minutes. For respiratory problems, remove person to fresh air. Contact Physician Immediately. Wash clothing before re-use.

CLEAN-UP

Components "A" & "B" - Ventilate area. Control spills. Collect with absorbent material.

Disposal

Dispose in accordance with current, applicable local, state, and federal regulations.

KEEP OUT OF REACH OF CHILDREN

LIMITED WARRANTY - "Concrete Coatings Inc. warrants its products to be free of manufacturing defects, to be of good quality, and that they will meet Concrete Coatings Inc. current published physical properties when applied in accordance with Concrete Coatings Inc. written directions and tested in accordance with ACI, ASTM and Concrete Coatings Inc. Standards. Product proved to be defective will be replaced. **There are no other warranties by Concrete Coatings Inc. of any nature whatsoever, expressed or implied, including any warranty of merchantability or fitness for a particular purpose in connection with this product.** Concrete Coatings Inc. shall not be liable for damages of any sort, including remote or consequential damages, resulting from any claimed breach of any warranty, whether expressed or implied, from any other cause whatsoever. Concrete Coatings Inc. will not be responsible for use of this product in a manner to infringe on any patent held by others." Manufactured exclusively for Concrete Coatings Incorporated by Crown Polymers, LLC, Hampshire, ILL

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Technical Assistance, Specifications and Sales

CALL Nationwide Toll-Free 1- 800- 443- 2871

Fax 1-801-476-3243