

CR-204™ COMPLIANCE :

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

APPLICATION

CRACK REPAIR - After preparation of surface apply material generously to cover both sides of the crack to be repaired. After "priming", apply a layer of clean silica sand (30-70 mesh) followed again by epoxy. Repeat this process until the repaired void is filled to the top or slightly above. Make a final application of silica sand to complete the repair and provide an aggressive surface for bonding. Material can be ground smooth after 14-18 hours.

LIMITATIONS

- Minimum substrate and ambient temperature is 40°F.
- DO NOT THIN - solvents will prevent proper cure.
- DO NOT PUMP EPOXY IF ICE IS PRESENT IN CRACK OR VOID.

SURFACE PREPARATION

Concrete, stone 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 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 for the epoxy to flow. 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."

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