

MICHIGAN ADHESIVE MANUFACTURING INC.

Whitehall, MI 1-800-252-4144

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**PRODUCT DATA SHEET**  
**CC-100 Polyurea Joint Filler**

**DESCRIPTION:**

CC-100 is a two-component, rapid curing 1:1 ratio polyurea joint filler designed for light duty traffic and freezer applications. It is self-leveling, 100% solids and flexible, allowing 10-15% movement of installed joint width.

**USAGE:**

CC-100 is used to fill interior control joints or new construction saw joints on horizontal concrete surfaces. CC-100 is designed for industrial floor applications receiving light duty vehicle traffic. CC-100 can be used in exterior applications, when minimal joint movement from thermal cycling will occur.

**COLOR:**

Standard color for CC-100 is medium gray. Custom colors are also available. Please contact Michigan Adhesive Manufacturing for custom colors.

**PHYSICAL PROPERTIES:**

**TENSILE:** ASTM D-412  
Strength: 960 psi  
Elongation 425-460°

**SOLIDS:** Weight 100% Volume 100%

**ABRASION RESISTANCE:** Excellent.

**HARDNESS:** ASTM D-2240  
Shore A 70-75A

**VISCOSITY:** Poly Component 460 cps@77° F.  
Iso Component 600 cps@77° F.

**COVERAGE:**

CC-100 300x300ml cartridges will cover, when used with closed cell backer rod, approximately 17' of ¼ " wide control joints. Bulk coverage will depend on size of joints.

**TOXICITY:**

Contains polyisocyanate that may be irritating to the skin and is toxic if inhaled as particulate matter. Material contacting the skin should be neutralized by washing with generous amounts of water.

**APPLICATION:**

Remove all debris, oil and any other contamination from construction and saw joints. For best results recut joints with a Dry Diamond Blade. If area to be caulked is wet or damp, joints must be primed. Install closed cell backer rod at a depth of 1" to 1 1/4", avoiding 3 sided adhesion. Applied material should be level with concrete. Allow CC-100 to set for 30 minutes then use a sharp 8" wall scraper to shave excess material from top of slab.

**EQUIPMENT:**

CC-100 can be applied by dual cartridge static mix guns or low pressure plural component mix equipment. Contact Michigan Adhesive Mfg., Inc. for specific equipment recommendations.

**POT LIFE:**

Pot life of 100g mass is one min @ 72° F. Higher temperatures and larger quantities will shorten pot life. Lower temperatures and smaller quantities will lengthen pot life.

**CURE TIME:**

Allow 90 minutes @ 72° F before opening up to traffic.

**LIMITATIONS:**

CC-100 is not intended for exterior or interior joints that are subject to high movement. CC-100 is a moisture sensitive product. Repair areas that are wet or damp must be primed.

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