

## CM-2 CONCRETE MENDER

### PHYSICAL PROPERTIES:

Viscosity (Mixed)	130-145 cps
Hardness, durometer (ASTM D2240)	40D to 45D
Tensile Strength, PSI (ASTM D412)	4750
Elongation % (ASTM D412)	10% to 15%
Compressive Strength (ASTM D695) (with sand)	3000 psi 4100 psi
Bond Strength (ASTM 882-99)	4000 psi
Pot Life C-881 77° - 100 Grams	3 mins

### ADVANTAGES:

- 100% Solids, No VOC's
- Cures from -20° F to 140° F.
- Drive-Over in 15 minutes
- Produces High Strength Quickly
- Self-leveling
- Self Priming
- Fast initial set; quickly achieves ultimate strength

### SHELF LIFE/STORAGE CONDITIONS:

Shelf life is 1 year in original unopened container. Recommended storage temperature should be between 75°F to 90°F. Do not allow product to drop below 45°F.

### APPLICATION TEMPERATURE:

Recommended application temperature is between 0° F and 100° F. It is best to keep material at room temperature (60° to 80° F) prior to application. If manufactured sand is to be used with product, it also should be kept at room temperature. Avoid frost laden surfaces as this may adversely affect bonding and curing. CM-2 will fully cure in 10 minutes at 72° F.

### APPLICATION:

**LARGE AREAS:** Due to the rapid setting nature of the product, pot-mixing of the components is not recommended for crack and joint repairs less than 3/4" in width. CM-2 supplied in 1-10 gallon kits may be bucket mixed in quart batches and applied immediately to the repair area. Combined one pint of Part A with one pint of Part B. Mix with a drill mixer or hand mixing stick for 30 seconds or until well blended. Add 2 quarts of manufactured sand and mix for an additional 10 seconds. Pour the entire batch into the repair area immediately.

Grey

Black

Tan

Blue

CM-2 concrete mender is a quick curing, low viscosity and high strength crack repair product. This material has been specially formulated to strongly bond to concrete to fill and repair cracks and spalls in concrete. CM-2 cures in about 30 minutes and can be color matched with aggregate to any surface.

### APPLICATIONS:

- Filling cracks in concrete on parking decks
- Traffic area spalls & crack repairs
- Floor repair
- Stops additional damage
- Fill & repair spall before coating

### CONCRETE PREPARATION RECOMMENDATIONS:

Clean the area of debris and contaminants that would be bond inhibiting. Remove all oils, loose materials, dirt, rubber etc. Expose clean rough concrete for best results. If using a saw to cut concrete and clean the crack, remove all the dust from the cut out area. Use of compressed air is acceptable if product bonds. Make sure the area is dry. Vacuum or blow off cement dust.



### COVERAGE GALLON / PER LINIER FOOT

<u>JOINT SIZE</u>	<u>LF</u>
1/4" x 1"	80
1/4" x 1.25"	60
1/4" x 1.5"	50
1/4" x 1.75	45
1/4" x 2"	40

### APPLICATION:

**SPALLS:** Pre-wet repair area with mixed CM-2 without sand. Fill with 30-40 grit manufactured silica sand and additional material to grade. Be sure to saturate all of the sand completely. Additional sand may be added to the repair as necessary. Saturated sand may be moved into place with a small squeegee or scraper. Work with one small section at a time. Do not stop flowing material for a period of more than 2 minutes. If material sets inside mixer, remove cartridge from gun and replace mixer. A trowel or scraper may be used to move saturated sand into place and to create a level surface. If required, surface friction may be maintained by adding additional manufactured to the surface as the material cures. Allow to cure (approximately 10 minutes). Finished repairs may be "cleaned up" by sanding or buffing within a few hours of application.