

CM2 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 15-20 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

PHYSICAL PROPERTIES:

Viscosity (Mixed) cps	130-145
Hardness, durometer (ASTM D2240)	40D to 45D
Tensile Strength, PSI (ASTM D412)	4750
Elongation % (ASTM D412) 15%	10% to
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 as fast as 20 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.

COVERAGE GALLON / PER LINIER FOOT

Crack width and length / linear feet	
1/4" x .75"	100 Linear Feet
1/4" x 1"	80 Linear Feet
1/4" x 1.25"	60 Linear Feet
1/4" x 1.5"	50 Linear Feet
1/4" x 1.75	45 Linear Feet
1/4" x 2"	40 Linear Feet

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.

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.



CM2 MIXING INSTRUCTIONS: CM2 is a fast cure product Mix "Part A" and "Part B" in equal parts (1:1) by volume. Only mix 4-6 oz of each part at a time, mixing a total of 8-12 ounces. Pour each part into squeeze bottle or similar applicator and vigorously shake for 10-12 seconds. Immediately use as the product will begin to cure within 10 minutes, temperature dependent.

CRACK REPAIR: We recommend our squeeze bottle applicators for best results. Squirt the mixed product directly into the void that should be pre-filled with a dry silica sand (supplied by others). Wetting the sand fully. The wet sand may slump and therefore more sand can be immediately broadcasted over top or another pass can be made once cured. The product can be applied neat to shallow voids or very small cracks. A trowel can be used to smooth any repair (sand filler use) before the product sets up. It is acceptable to mix in small increments and layer your repairs.

SPALLS REPAIR: 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 dispense the entire content of the squeeze bottle. If material sets inside squeeze bottle its not usable. A trowel or scraper may be used to move saturated sand into place and to create a level surface. Allow to cure (approximately 10 minutes). Finished repairs may be "cleaned up" by sanding or buffing within a few hours of application.