



High penetration urethane crack repair

DESCRIPTION:

CM-10 is a high-penetration Urethane that combines with sand to form a tough instant polymer concrete. This nearly water thin formula is designed to penetrate deep into the host concrete creating extremely high bond strengths, reinforcement of the repair area as well as permanent repairs.

CM-10 produces polymer concrete repairs that absorb the shock and transfers the load of heavy traffic without cracking or dis-bonding. It is highly chemically resistant and can be applied in a wide range of temperatures. It is excellent for industrial floor repairs subject to forklift traffic and harsh conditions.

PRODUCT FEATURES:

- ▶ Ideal for repairing spalled concrete, cracks, holes, and uneven concrete slabs
- ▶ Rapid turn-around time - return to service in just 10 minutes
- ▶ Freeze Thaw stable
- ▶ Does not require priming
- ▶ Can be used interior or exterior

SURFACE PREPARATION:

All dirt, oil, dust, foreign contaminants and laitance must be removed to assure a trouble free bond to the substrate. For repair of spalled concrete, a stiff wire brush can be used to remove all loose concrete. After wire brushing the spalled area, remove all loose dust and debris with an industrial vacuum.

APPLICATION:

Assemble tube set, nozzle, end cap, flow control valve, and applicator tool as well as wire brush, trowel and aggregate sand.

Note: Never point a tube set either during assembly or during application toward eyes or body as gun pressure can cause material to eject with force for several feet.

To assemble, hold tubes with tip facing upward. First, remove protective cap from tube set. Next, remove the two end caps from each tube. Place the control valve onto the end of the tube and place the static mix nozzle over the tube set ends. Finally, slip the screw collar over the tip and tighten on the tube set and then place the tube set into the tube applicator.

Apply a thin layer of the mixed CM-10 from the cartridge set onto the concrete. For larger areas, it may be beneficial to use a small brush to spread the CM-10 to evenly cover the repair area.

Sprinkle dry sand onto the repair area until the level of sand fills the hole and levels the repair area until level with rest of the floor surface (left). Then saturate the sand with the liquid. Reapply more sand and liquid as needed until the area is built up level to floor (right)

Finally, trowel the floor to smooth out the area and remove any excess material. Allow the material to cure for ten to twenty minutes before foot traffic. Immediately after you are through using the liquids from the tube set, remove the static nozzle and place the end caps back on each tube as this will allow the use of the tubes for later repairs. For heavy equipment such as fork trucks, allow the material to cure for a half hour to an hour before using area that has been patched.

03 54 00
Cementitious Underlayments

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09 80 00
Floor Finishes

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Packaging:

300ml x 300ml Duel Cartridges
6 units per case

Color: Concrete Grey

Shelf Life: 1 Year in original package

Coverage (Yield):

1/4" x 1/4" crack: 100 Linear feet

Mix Ratio: 1:1 by volume

Volatile Organic Content: 5.5 g /liter

Installation Thickness:

Can be applied at variable thickness ranges depending on size and amount of sand

Application Temperature Range:

20° F - 90° F

Turn-Around: (70° F, 50% RH)

Pot life (100 gram mass): 1- 4 minutes

Recoat or Topcoat: 1 hour

Light foot traffic: 10-20 minutes

Heavy traffic: 1 hour

Compressive Strength: (ASTM C-109)

28 Hours 4400 psi 30 .4 MPa

Qualifying Warranties:
1 Year, 10 Year, Lifetime

Health & Safety:
Please refer to the Material Safety Data Sheet (MSDS) prior to using this product. MSDS sheets are available by calling 215.672.6364 or you can visit www.levelingcements.com.

Clean Up:
Immediately clean tools with water.

Manufactured By:
CMP Specialty Products
PO Box 213
Horsham , Pennsylvania 19044
Phone: 215.672.6364
Fax: 215.672.6384
www.levelingcements.com

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