



Dragon 9 Minute Concrete Mender Polymer Modified Concrete Repair For Fast, Long-Life Concrete Repairs

Performance, Reliability, Versatility

Ideal for applications in:

- ▶ Repairing spalls and cracks in traffic areas
- ▶ Restoring integrity to dusted concrete
- ▶ Repairing bug holes in concrete
- ▶ Used as a parging compound to smooth concrete and masonry surfaces
- ▶ Bridge deck repairs
- ▶ Parking deck repairs
- ▶ Below grade repairs
- ▶ Spalled control joints
- ▶ Freezer applications



Dragon 9 Minute Concrete Mender is a specially formulated polymer rapid repair product. In its basic low viscosity formulation, 9 Minute Concrete Mender penetrates concrete substrates. In its highly aggregate loaded high viscosity configuration, 9 Minute Concrete Mender will act as a repair mortar to fill cracks, spalls, and holes in concrete substrates and promote the adhesion of polyurea coatings.

Uses

9 Minute Concrete Mender can be used with all Concrete Mender curing polyurea sealants and spray coatings. It is designed for use in both interior and exterior concrete repairs.

Advantages:

- ▶ Ultra low viscosity in neat configurations will penetrate concrete for permanent bonds.
- ▶ Available in cartridge, quarts and gallons
- ▶ May be bulk mixed for large area repairs
- ▶ Cures in 9 minutes for quick reopening to traffic
- ▶ Will cure below zero degrees F with extended cure times
- ▶ Mixed with industrial quartz sand will make a durable polymer concrete
- ▶ May be mixed with silica sand, cabosil or aluminum oxide
- ▶ May be used for feather edges
- ▶ Good chemical resistance
- ▶ Minimum surface preparation required
- ▶ Self-leveling in thinner viscosities
- ▶ Will not shrink

Surface preparation: Provide clean concrete surface

For restoring surface integrity to dusted concrete: Remove loose surface material

Packaging

Available In 300x300 ml Cartridge and Quarts.



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Physical Properties

Colors:	Custom Colors Available
Solids Content	89
Elongation	71
D Hardness	ASTM D2240 6%
Tensile Strength	ASTM D638 4500 psi
Compressive Strength, neat	ASTM D638 3800
Compressive Strength, sand filled	ASTM D695 4450
Shrinkage	ASTM D695 None
Exudation	None
Bond Strength, concrete	1200 psi
Viscosity, cps, neat 77 Deg. F	25
VOC, g/l	ASTM D4541 2.3
Pot Life @ 77 Deg. F	5 Min
Tack Free @ 77 Deg. F	15 Min
Final Cure @ 77 Deg. F	20 Min

Mixing

- ▶ 9 Minute Concrete Mender is a two or three component product (aggregate).
- ▶ Mix through a static mixer when using cartridges
- ▶ When mixing bulk material, mix part A into part B.
- ▶ When loading aggregate for non-sag, vertical and overhead work, mix only enough material so that complete mixing operation will be completed within five minutes after part A is combined with part B. Quickly mix three components to assure a smooth, homogenous Blend.
- ▶ May be spray applied through plural component equipment. Use proper respirators.

Shelf Life

One year in original, unopened factory container under normal storage conditions of 55 Deg. F to 95 Deg. F

Application Recommendations

- ▶ Prime crack areas and damaged control joints with neat 9 Minute Concrete Mender material prior to repair.
- ▶ If area is wet, prime with neat 9 Minute Concrete Mender material. Allow primer to dry to touch prior to installing repair.

- ▶ For use as a non-skid texture coat, fill area with aggregate and flood with 9 Minute Concrete Mender neat material. Broadcast additional aggregate onto the flood coat until area is completely dry. Broom off excess aggregate after 9 Minute Concrete Mender has taken initial cure.

Safety

Not R.C.R.A or DOT regulated. Read Material Safety Data Sheet before using. Seal container tightly after use to prevent introduction of moisture laden air.

Warranty

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