

USER GUIDE

FEATURES & BENEFITS

Quick Mender® X.O. is a concrete repair system with a low viscosity, and fast return to service (about 30 minutes). Lower ambient temperatures will lengthen the cure time. **Quick Mender® X.O.** can be used in cold storage rooms and freezers down to -40°F.



Quick Mender® X.O. “welds the concrete” by adhering to the concrete matrix, and filling the capillaries within the concrete. Quick Mender® X.O. can be blended with grinding dust, dry silica sand, portland cement, silica flour, fumed silica, cabosil, and aggregates of different types to make either a slurry or a trowelable mortar consistency. This slurry mix can be used to fill holes, spalls, and pop-outs, and to repair broken shoulders of control and construction joints. Quick Mender® X.O. can be used in the neat configuration for repair of hairline (and larger) cracks, small holes, spalls, spider cracks and delaminations.

Quick Mender® X.O. can be color pigmented with a VersaFlex Color Pack, dry powder dyes as used for acetone concrete dyeing, or other industrial solvent-based pigments. When mixing color for small applications, add one tablespoon of color pigment for 8 ozs of mixed Quick Mender. ***note: Pigment always goes in to the B side first,** then the B side is mixed into the A side.



Quick Mender X.O. is great for interior floor concrete repairs that will be diamond polished, although it can also be used for exterior concrete applications as well.* Quick Mender® X.O. is an ideal product to be used as a grout coat to fill pinholes and popouts to enhance the polishing process.

The image to the left shows Quick Mender being used as a grout coat for pinholes on a commercial/retail warehouse floor.

** = When exposed to UV, there will likely be a slight color shift.*

APPLICATION METHODS

Neat Mix

1:1 mix -- equal parts side "A" and side "B" with no pigment added. When cured the color is an offwhite/yellowish color, however, pigments can be added to the "B" side to get desired color. Approximate yield is approx. 231 cubic inches per gallon of mixed material. Suggested mix ratio for neat mix: less than 8 ozs of combined sides A & B.



Quick Mender in Neat Mix configuration

Sand Mix

Quick Mender® X.O. can be used with sand to add strength and volume. **Sand must be DRY.** 20-30 mesh works well.

3:1 mix -- 3 parts sand to 1 part Quick Mender X.O. will make a trowelable mix, and will yield approximately 400 cubic inches per gallon.

2.5:1 mix -- 2.5 parts sand to 1 part Quick Mender X.O. will make a soupy trowelable mix, and yield approximately 300 cubic inches per gallon. Larger aggregate can also be used.

Adding Color

Color pigment jars are available from VersaFlex. One color jar is recommended for a two (2) gallon kit. Colors are available in a range from light gray to yellow or green which is added to the "B" side of the mix. The color can be added and then used at any time.

Concrete dust can be mixed 1:1 with sand or by itself to match concrete color. Concrete dust must be bone dry.

Concrete powder dye: Dyes similar to Ameripolish dye can be added to the "B" side of the mix using the same ratio as dye to acetone, or to desired color for matching existing dyed concrete.

Pro Tip:

If applying with trowel: Use acetone to clean and wet trowel. Larger repairs should have area primed with a neat mix of Quick Mender prior to full application.

***Warning: Moisture**

Quick Mender products do not like moisture. Keep everything absolutely dry. Any additive, sand or polishing dust must be bone dry. **Do not use playground sand or sand in plastic bags.** Concrete to which Quick Mender is being applied must be dry. If slab is moist or wet, dry completely with fans or propane torch before application begins.



Initial Application, Warehouse Floor