



**CONCRETE
FLOOR
SOLUTIONS**

CFS-EPOXY MORTAR **INSTALLATION INSTRUCTIONS**

****Please read and understand all installation instructions prior to beginning your flooring project.**

(READ EACH MATERIALS TECHNICAL DATA AND SAFETY DATA SHEETS PRIOR TO INSTALLATION)

Preparation:

It is recommended that an aggressive shot blast be performed prior to the application of this product. All dirt, oil, dust, foreign contaminants and laitance must be removed to assure an effective bond to the substrate. Ensure entire repair area is dry prior to epoxy mortar installation.

Do not terminate repair areas at a feathered edge. This can create a weak bond with the substrate and also increased the risk of failure on the edge of the repair. Sawcut all edges of the repair area prior to shot blasting.

Mixing:

It is advised to always mix epoxies in the complete batches as received. Epoxies must always be mixed to the correct ratio as stated on the label. If this step is not followed you will risk having the epoxies not fully cure.

To properly mix the epoxies it is advised that you use a slow speed drill with a minimum 3" mixing paddle. During the mixing process, and with the



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drill on slow speed, move the mixing paddle around the edges of the bucket

to ensure that all of the material gets mixed properly. Mixing time is +/- 2 minutes with a mixing paddle to insure proper mix.

Next, add the supplied sand mixture to the thoroughly mixed epoxy liquid. Mix in the sand mixture with slow speed mixing equipment such as a jiffy mixer or rotating bucket/stationary mixing blade assembly. It is equally important that enough time is spent mixing in the sand mixture to ensure that the aggregate is thoroughly wetted out. No induction time is necessary. Improper mixing may result in product failure.

Installation:

Apply the mixed material at 1/8" to 6" inch thickness. Apply the material with a hand trowel or other suitable application equipment. Do not over-trowel the material as this may cause isolated blisters to form. Air currents directly across or above the mortar during the curing process may cause isolated blisters to form. Maintain temperatures within the recommended ranges during the application and curing process. After cure the surface may need to be grinded to smooth and remove trowel marks.

*When overlaying an expansion joint, a saw cut through the epoxy overlay will prevent random fracturing.

**Apply epoxy flooring system on top of CFS-Epoxy Mortar to conceal repair.