



CFS-EPOXY MORTAR INSTALLATION INSTRUCTIONS

Preparation:

All dirt, oil, dust, foreign contaminants and laitance must be removed to assure a trouble free bind to the substrate. We recommend that an aggressive shot blast be performed prior to the application of this product. All termination points should not be feather edged, but should be saw cut with the termination ending at the sawcut. All large cracks should be filled with CFS-Fast Set Epoxy Crack Filler. All expansion joints should be filled with CFS-Fast Set Joint Filler. When overlaying an expansion joint, a saw cut through the epoxy overlay will prevent random fracturing. A test should be made to determine that the concrete is dry; this can be done by placing a 4' x 4' plastic sheet on the substrate and taping down the edges; if after 24 hours, the substrate is still dry below the plastic sheet, than the substrate is dry enough to start coating. The plastic sheet method is also a good method to determine if any hydrostatic pressure problems exist that may later cause disbonding.

Mixing:

Always mix complete batches. Epoxy will not cure properly if it is not mixed to the correct ratio. It is important that the liquids be mixed together first. Mix the liquids in an oversized container thoroughly and until streak free. After the liquids are thoroughly mixed, add in the aggregate. Mix in the aggregate 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 aggregate 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 1/4" to 6" 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. Surface may need to be grinded smooth after cure to remove trowel marks, etc.

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

Pro Tip - CFS-Flake floor systems cover up many imperfections in the cove.