



**CONCRETE
FLOOR
SOLUTIONS**

CFS-EPOXY SLURRY KIT INSTALLATION INSTRUCTIONS

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

Preparation:

It is recommended to shotblast the floor if there are spalls, gouges or other imperfections in the surface. The shotblasting process is designed to clean out the low areas that are inaccessible to a grinder. Thoroughly vacuum the surface after shotblasting to remove all loose dust and debris.

Repairs:

Repair cracks or large spalls using our CFS-Fast Set Epoxy Crack / Spall Repair. This material can be mixed with sand to create an epoxy mortar to fill larger repair areas. After all of the repairs are filled, grind over the areas to apply a scratch to the surface which will allow the epoxy to bond properly.

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.

The CFS-Clear Epoxy Binder must be properly mixed prior to adding the sand.

Next, add the 5 quarts of supplied 70 mesh sand into the 3-gallons of properly mixed CFS-Clear Epoxy Binder.

After thoroughly mixing the sand with the CFS-Clear Epoxy Binder the material should be immediately poured on the floor to prevent the sand from settling out of the epoxy.

It is critical to review and understand the **POT LIFE / CURE SCHEDULE** prior to mixing and working with any of these materials. Most epoxies cannot be mixed and left in the bucket for any length of time.

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

Epoxy Slurry Application:

It is recommended to wear spiked shoes during the application steps. Spike shoes will allow the installer(s) to work the entire area of the floor where the epoxy has been poured, squeegeed or back rolled. Always take caution when wearing and walking in spike shoes. Do not drag spikes while walking as this may leave marks in the finished floor.

Immediately pour the mixed epoxy slurry on the floor to prevent the sand from settling out of the epoxy in the bucket.



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Begin by pouring the epoxy slurry mixture across the floor in 6"-8" wide ribbons. The ribbons should be poured paralleled to each other leaving approximately three feet between each ribbon pour.

Do not let the epoxy slurry ribbon pour sit on the floor for any length of time as the sand will begin to settle out of the epoxy.

Next, and immediately after the material has been poured on the floor, use a smoothing trowel to push or pull the epoxy slurry moving parallel with the ribbon pours to uniformly cover the floor.

Allow the epoxy slurry to cure +/- 36hrs before grinding the surface smooth in preparation for next coating. Be aware that air and floor temperatures can greatly affect the cure time. Allow an additional 24 hours cure time if the slurry coat gums up during the grinding process.