



Installation Guide for: Floor-Clad Concrete Repair Kit

PLEASE READ DOCUMENT IN ENTIRETY BEFORE INSTALLING FLOOR-CLAD CONCRETE REPAIR KIT.

PRODUCT DESCRIPTION:

The Floor-Clad Concrete Repair Kit is a mortar patching kit used to repair large holes and divots in warehouse concrete floors.

APPLICATION INFORMATION:

The Floor-Clad Concrete Repair Kit is comprised of ½ gallon of Floor-Coat pigmented epoxy coating Part A (resin), ¼ gallon of Floor-Coat pigmented epoxy coating Part B (hardener), and approximately 40 lb. of custom blended aggregate. This kit is packaged and shipped in a 5 gallon pail for convenience.

Please Note: A separate 5-gallon pail and a low speed drill mixer are needed for this installation and are not included with this kit.

TYPICAL USES FOR FLOOR-CLAD:

Floor-Clad is designed for use by facilities managers and/or epoxy flooring contractors as a solution to repair large holes or cracks in concrete, without having to re-coat the entire floor.

BEFORE INSTALLATION:

- Be aware that all floors are subject to possible moisture vapor emission or other moisture issues. Moisture issues will cause coating failures. Prior to application of any Epoxy Floor Supply coating, a moisture test should be conducted. Epoxy Floor Supply is not liable for coating failure due to moisture issues.
- Test methods we recommend include the Plastic Sheet Method, Calcium Chloride Test, and the Relative Humidity Test.

- Safety attire **must** be worn during installation of all coatings. Protect eyes with safety glasses. Wear protective gloves, and cover arms if necessary. Wear dust mask during all surface preparation, and a respirator when applying urethanes.
- For additional safety information, please refer to the Floor-Clad Safety Data Sheet (SDS).
- Floor-Clad should only be installed on concrete.

SURFACE PREPARATION:

- Proper surface preparation is required and is vital to the success of your Epoxy Floor Supply coating installation.
- Surface must be clean and sound. All dirt, oil, grease, and loose substrate matter must be removed.
- Surface preparation must be done by mechanical means only.
- Concrete must be diamond ground or shotblasted, to achieve a texture similar to grit sandpaper (a clean, workable profile).
- After grinding the floor, vacuum the floor to collect excess dust.
- Tape edges of walls and terminating edges of the floor to ensure a straight line and ease of application.

INSTALLATION

- Floor-Clad is packaged as follows:
 - ½ gallon of Floor-Coat Pigmented Epoxy Coating, Part A (resin), Color: Medium Gray
 - ¼ gallon of Floor-Coat Pigmented Epoxy Coating, Part B (hardener)

- Approximately 40 lb. of custom blended mortar aggregate
- All components of this patching kit are packaged and shipped in a 5-gallon pail
- First, remove the cans of Part A (resin) and Part B (hardener) from the 5 gallon pail. Keep the blended aggregate inside the 5 gallon pail.
- Next, combine Floor-Coat Part A (resin) with Floor-Coat Part B (hardener).
- Floor-Coat is a 2:1 ratio product. This is a 2 part A (resin) to 1 part B (hardener) ratio.
- In a clean, 5 gallon pail, combine the entire ¼ gallon of Part B (hardener) and the ½ gallon can of Part A (resin).
- Mix the combined resin and hardener mixture with a slow speed drill mixer for 30 seconds to 1 minute.
- Once the Floor-Coat resin and hardener is thoroughly mixed together, Slowly add the aggregate to the blended resin and continue mixing with the slow speed drill mixer for an additional 2 to 3 minutes.
- Apply the wetted aggregate to the application area with a trowel. We

recommend the Marshalltown 4" x 12" Finish Trowel, which can be purchased on our website (www.epoxyfloorsupply.com).

- This product can be applied as thick or thin as desired.
- Each time the trowel is used to apply the wetted aggregate, stop and wipe the trowel down with Xylene before applying more of the material to the patching area. This will clean the trowel and ensure no excessive trowel marks.
- Once all the desired areas are patched, block off the installed areas using caution tape to protect against pedestrian and other traffic for a minimum of 8-12 hours. **Please note:** *The coating will cure within 8-12 hours at 70°F. Cure times will vary based on temperature.*
- Wash hands and exposed skin thoroughly with soap and water after installation is complete.
- Thoroughly clean all tools with Xylene at the completion of the project.

Be Advised: Floor-Clad should only be installed by trained and competent personnel familiar with epoxy resin installation.

KEEP AWAY FROM REACH OF CHILDREN