



Installation Guide for: Floor-Glaze Clear Epoxy Coating

PLEASE READ DOCUMENT IN ENTIRETY BEFORE INSTALLING FLOOR-GLAZE CLEAR EPOXY COATING

PRODUCT DESCRIPTION:

Floor-Glaze is a 100% solids, USDA accepted, clear, 2:1 ratio epoxy floor coating, which will cure into a very hard solid. This product is a cyclo-aliphatic, amine curing epoxy coating and is resistant to fungus, mildew, and is anti-microbial.

APPLICATION INFORMATION:

Floor-Glaze should be applied at 7-10 mils thickness. The coverage per gallon is approximately 150 sq. ft./gallon. This coating should only be applied between 55°-85°F. The optimum temperature for application is 70°F.

TYPICAL USES FOR FLOOR-GLAZE:

Floor-Glaze can be used as a primer, bodycoat, or sealer. It can be used alone as a concrete sealer on indoor floors (*Please note: Floor-Glaze **SHOULD NOT** be installed in outside areas because the coating will yellow.*)

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-Glaze Safety Data Sheet (SDS).
- Floor-Glaze clear epoxy coating should only be installed on prepared concrete or wood surfaces.

SURFACE PREPARATION:

- Proper surface preparation is required and is vital to the success of your Epoxy Floor Supply coating installation.
- Surface must first be clean, sound, and dry.
- 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.
- If there are any holes, divots, cracks, or small depressions in the concrete, patch

the concrete with Fast-Patch Concrete Patching Kit (see *Fast-Patch Installation Guide for details*).

INSTALLATION

- Floor-Glaze is packaged in the following unit sizes: 1.5 gallons, 3 gallons, and 15 gallons.
- Floor-Glaze is a 2:1 ratio product. This is a 2 part A (resin) to 1 part B (hardener) ratio.
- Depending on the size of the installation area, mix part A (resin) and part B (hardener) in appropriate sizes.
 - For smaller areas, mix smaller batches to avoid the epoxy generating heat and curing quickly.
 - Mixing in smaller batches will ensure longer working times with the epoxy.
- Using two separate mix-and-measure containers, pour the appropriately measured amount of part A (resin) into one mix-and-measure container, and the appropriate amount of part B (hardener) into the second mix and measure container. **The measurement must be 2 parts of part A (resin) to 1 part of part B (hardener).**
- Using a 5-gallon clean, empty plastic bucket, pour the pre-measured 2 parts of part A (resin) into the bucket, followed by the pre-measured 1 part of part B (hardener).
- Mix the combined material for 1-2 minutes with a low speed drill mixer. **DO NOT** over-mix the material. This will “whip” extra air into the material.
- **IMMEDIATELY** after mixing, apply material to the floor using a roller, notched squeegee, or brush.
- Apply the material at 7-10 mils thick.
- For more than one coat of material, allow the 1st coat to cure for 8-12 hours. After which, sand the floor before applying additional coats.
- Once the entire floor is coated, block off the installed project using caution tape to protect against pedestrian and other traffic for a minimum of 8 to 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-Glaze should only be installed by trained and competent personnel familiar with epoxy resin installation.

KEEP AWAY FROM REACH OF CHILDREN