Installation Guide for: Floor-Coat Pigmented Epoxy Coating

PLEASE READ DOCUMENT IN ENTIRETY BEFORE INSTALLING FLOOR-COAT PIGMENTED EPOXY COATING

PRODUCT DESCRIPTION:

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

APPLICATION INFORMATION:

Floor-Coat should be applied @ 10-12 mils thickness. The coverage per gallon is approximately 150-175 sq. ft./gallon. This coating should only be applied between 55°-85°F. The optimum temperature for application is 70°F.

PLEASE NOTE: Floor-Coat should not be installed in outside areas because the coating will yellow.

TYPICAL USES FOR FLOOR-COAT:

Floor-Coat can be used as a floor coating or a top coat. We recommend the surface be primed with Floor-Glaze clear epoxy coating ( @ 7-10 mils) prior to coating the substrate with Floor-Coat (See Floor-Glaze Installation Guide for more details on how to install Floor-Glaze clear epoxy coating).

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-Coat Safety Data Sheet (SDS).

- Floor-Coat pigmented epoxy coating should only be installed on 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

- Before installing Floor-Coat, prime the substrate with Floor-Glaze clear epoxy coating @ 7-10 mils thick (See Floor-Glaze Installation Guide for details). The primer coat must be cured for a minimum of 8-12 hours before Floor-Coat can be installed. Once the primer coat of Floor-Glaze is cured, sand down the floor and vacuum before applying Floor-Coat pigmented epoxy coating.
- Floor-Coat is packaged in the following unit sizes: 1.5 gallons, 3 gallons, and 15 gallons.
- Floor-Coat is a 2:1 ratio product. This is a 2 part A (resin) to 1 part B (hardener) ratio.
- Before combining Part A (resin) and Part B (hardener), open Part A (resin) and mix the material with a low speed drill mixer for 30 seconds to 1 minute. This will ensure proper dispersion of the pigment.
- Once Part A (resin) has been mixed, the material is ready to be mixed with Part B (hardener).
- 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, squeegee, or brush.
- Apply the material @ 10-12 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 and exposed skin at the completion of the project.

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

KEEP AWAY FROM REACH OF CHILDREN