



## *Installation Guide for: Floor-Coat Pigmented Epoxy Coating*

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### **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 1<sup>st</sup> 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**

FOR ADDITIONAL ASSISTANCE, PLEASE CONTACT US AT: [HELP@EPOXYFLOORSSUPPLY.COM](mailto:HELP@EPOXYFLOORSSUPPLY.COM)