

STEP BY STEP APPLICATION OF FASTKOTE® POLYUREA COATING

Step-By-Step Instructions

1 Before you start

Fully read the Technical Data Sheet and Material Safety Data Sheet before you begin. If you're coating brand new concrete, it must first cure for 30 days prior to coating application.

2 Surface preparation

The surface must be washed and be free of all dirt, grease, oil, fats, and other contamination. Remove surface contamination by cleaning with Pure Strength® 3599 Industrial Cleaner/Degreaser, detergent, or other suitable cleaner. Rinse thoroughly with clean, fresh water and allowed to dry.

NEW, UNCOATED CONCRETE: New concrete must be allowed to cure for a minimum of 30 days before application. In addition to the aforementioned cleaning, the concrete must be further prepared by mechanical grinding or acid etch to remove all laitance and produce a suitable surface profile.

PREVIOUSLY COATED CONCRETE: Previously coated concrete must be in good sound condition with the existing coating tightly adhering to the concrete. After cleaning, the existing coating must be sanded to dull the finish and produce a slight surface profile.

Once the cleaning and prep work is completed, repair all damaged areas by using InstaPatch® Concrete Repair. If needed, mask off any areas that are not to be coated.

3 Mixing

Do not begin mixing FastKote® until all prep work is completed and you are ready to paint.

Both components and environment should be pre conditioned to a minimum of 50° F (10° C) prior to use. Be sure the air and surface temperatures are at least 5° above the dew point. FastKote is moisture sensitive, so be sure the outside of the flexible pouch is dry and free of condensation.

Shake the container of Stabilized/Tint for one full minute before combining with the FastKote. Cut off the top of the flexible pouch above the zip lock seal to open. The components can be mixed in a separate container or mixed in the pouch. If mixing in the pouch, use care to ensure not damaging the pouch or getting it wrapped around the mixer shaft. After combining the components, power mix at 500-700 rpm for 2-3 minutes. Use an appropriate size mixer and use care to not entrain air into the coating while mixing.

4 Application

Apply only when air, material and floor temperatures are between 50-90°F (10-32°C). Do not apply in direct sunlight or when temperature is rising. Be sure the substrate is completely dry prior to application of FastKote. This is important, because polyurea coatings are sensitive to moisture and can affect proper curing of the coating.

Pour out only the amount of material to be used into a roller pan. Unused material can be saved in the pouch or the mixing container for up to 6 months provided it is properly sealed. Do not return unused material from the roller pan to the pouch or mixing container. Do not add any thinner to the material.

Cut in along walls or around obstruction by brush, then use a 3/8 inch, lint free roller with a phenolic core to roll out the coating. Load the roller and coat out a 3 ft by 3 ft section. Begin with rolling out a W or M pattern, then cross roll to fill in and smooth out the coating. One gallon of material will generally cover 400 sq ft. The coverage rate on bare concrete can vary due to the porosity and texture of the concrete.

If needed or desired, apply a second coat after 2 hours, but before exceeding 12 hours. If the dry time exceeds 12 hours, sand the coating before applying a second coat.

The coating is suitable for light traffic in 3-6 hours and full traffic 24 hours later.

Use methyl ethyl ketone (MEK) to clean equipment.



BEFORE



AFTER

What You'll Need

- ✓ FastKote® Polyurea Floor Coating
- ✓ Work gloves
- ✓ Safety glasses or goggles
- ✓ Dust mask
- ✓ Knee pads
- ✓ Scrub brush, rags and cleaner such as Rust-Oleum 3599 Cleaner/Degreaser
- ✓ InstaPatch® Ultra Rapid Curing Concrete Repair
- ✓ 3/8" electric hand drill with mixing blade
- ✓ Roller frame with long handle and roller pan
- ✓ 3/8" nap roller cover with a phenolic core
- ✓ 2-4 inch wide paint brush
- ✓ Masking tape