

U-Epoxy-It Thick Color Coating System

1. **PREP:** One of the key components is to ensure that the surface is free from sealers, dirt, oils, glues and other contaminants.
 - a. A few methods for properly preparing the concrete are:
 - i. Using a lower grit (16, 30) metal bond diamond tool on a single headed or planetary grinder with a vacuum and grinding dry
 - ii. Use a our Concrete DNA Satellite pad (30 grit)
 1. Also use our Super Blue liquid floor prep
 - Note: When using water to prep allow the floor to dry a minimum of 24 hours before applying coating.
2. **Apply S&P 40 Sealer/Primer:** Mix the pigment in the "A" Side for 1-2 minutes. (32 oz per 2 gallon kit) After mixing the pigment with the "A" Side mix with part B. Mix S&P by drill mixing. Apply the product to the floor by dipping and rolling out of a pan. Use a ¼" to ¾" nap roller cover. Larger floors can be accomplished by pouring the S&P 40 on the floor and using a pad applicator to spread the product. Coverage rates for dipping and rolling are approximately 300 sq ft per gallon to 500 sqft per gallon depending on the porosity and surface prep method. S&P is able to be coated over when the surface is tack free and able to be walked on without forming an impression.(typically 4-6 hours). If exceeding maximum recoat window of 12 hours S&P 40 must be screened with 220 or coarser screen on a buffer to ensure adequate epoxy adhesion.
3. **Apply Pigmented Epoxy Flow 100:** Mix the pigment in the "A" Side of the Epoxy for 1-2 minutes using a drill mixer at low speed (1 pigment per 3 gallons of epoxy on most colors). Mix Epoxy Flow 100 by drill mixing. Mix ratio is A:B, 2:1. Mix for 3 minutes. After mixing pour the product immediately on the floor or roller pan. *Note: Product sitting in the bucket in larger volumes will produce heat and set quickly.* Spread the material with a blue notched squeegee and backroll the product with a roller. Spike shoes that allow you to walk over the material are recommended.
4. **Top Coat:** After the Epoxy Flow 100 coat has sufficiently set and is no longer tack free (typically 10-16 hours) the topcoat of Poly 90 pigmented can be applied. (If going beyond the 10-16 hour recoat window the floor should be sand screened.
 - a. Add the proper amount of pigment (typically 1 pigment to 4 gallons of Poly 90)
 - b. Mix the Poly 90 by drill mixing. (1:1) ratio
 - c. Poly 90 can be dipped and rolled out of a pan or can be applied by using a flat squeegee and back rolling with a ¾" nap roller. Top coats tend to lay out better with less chance of roller lines when using a squeegee and back rolling.
 - i. Add traction additive if desired.
 - ii. Protect area from traffic until the coating has sufficiently dried (typically 4-8 hours for light foot traffic)



The information supplied by Concrete Floor Supply about our products and uses is not a representation or a warranty. It is supplied on the condition that you will make your own tests to determine the suitability of the product for your own particular purpose. Any use or application is the sole responsibility of the user. Listed physical properties are typical and should not be construed as specifications.