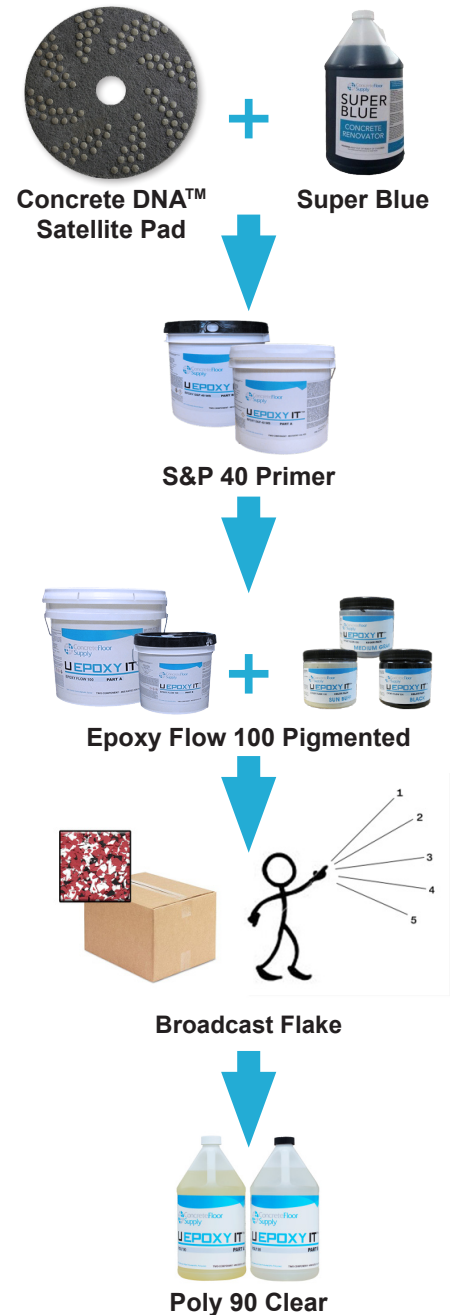


U-Epoxy-It Thick Epoxy Flake Coating System

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 S&P 40 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. Avoid puddling and roller lines. 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 40 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. 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. **Broadcast Flake:** Immediately after the Epoxy Flow 100 is applied to the floor the flakes need to be broadcast. Broadcast flakes to rejection before the Flow 100 begins to set. Multiple broadcast work best opposed to one saturation coat. Note: If you multiply the sqft of the floor times .1 you will get the pounds of flake needed for full broadcast. I.E 800sqft x .1 = 80 pounds of flake.
5. **Top Coat:** After the base coat with flakes has sufficiently set and is no longer tack free (typically 10-16 hours) scrap the floor by dragging a straight edge or use a sand screen to knock down jagged flakes. (If going beyond the 10-16 hour recoat window the floor should be sand screened) Vacuum and blow floor clean. Apply a clear top coat of Poly 90 using a flat squeegee.
 - a. Add traction additive if desired.
 - b. Protect area from traffic until the coating has sufficiently dried (typically 4-8 hours for light foot traffic)



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