

U-Epoxy-It

EveryOne Epoxy Flake Low VOC 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 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 Pigmented:** 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 1/4" to 3/8" 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 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 WB Urethane Gloss Pigmented:** Mix the pigment in the "A" Side of the Urethane for 1-2 minutes using a drill mixer at low speed. After mixing the pigment with the "A" Side mix with part B. Mix WB Urethane Gloss by drill mixing. Apply the product to the floor by dipping and rolling out of a pan. Use a 1/4" to 3/8" nap roller cover. Application rate is around 300 sqft per gallon
4. **Partial to medium broadcast Flake:** Immediately after the WB Urethane Gloss is applied to the floor the flakes need to be broadcast. before the WB Urethane Gloss begins to set. High broadcast work best opposed to evenly distribute the flakes. Note: A medium broadcast is considered to be 5 pounds of flake for 250 sqft of floor. Light/partial broadcast is 1 pound per 250 sqft. Spike Shoes are handy if you are wanting to walk on the wet floor to distribute the flakes.
5. **WB Urethane Gloss Clear:** After the base coat with flakes has sufficiently set and is no longer tack free (typically 6-12 hours) scrap the floor by dragging a straight edge or use a sand screen to knock down jagged flakes. (If going beyond the 6-12 hour recoat window the floor should be sand screened) Vacuum and blow floor clean. Apply a clear top coat of WB Urethane Gloss by dipping and rolling out of a pan with a 3/8" nap roller at around 300 sqft per gallon.
 - a. Add traction additive if desired.
 - b. Protect area from traffic until the coating has sufficiently dried (typically 20 hours for light foot traffic)



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