



Partial 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 Super Prime Pigmented:** Mix the Super Prime by blending equal parts A&B and using the appropriate amount of Water Based Pigment (1 32oz pigment will pigment a 2 gallon kit). (further mixing instructions can be found on the product data sheet) Apply the product to the floor by dipping and rolling out of a pan. Use a $\frac{3}{8}$ " nap roller cover. Apply the product evenly. It goes on white and dries clear (when unpigmented). Coverage rates for dipping and rolling are approximately 300 sq ft per gallon to 400 sqft per gallon depending on the porosity and surface prep method. Super Prime is able to be coated over when the surface is completely tack free and able to be walked on without forming an impression.(typically 4-12 hours, coating). If exceeding the maximum recoat window of 12 hours Super Prime must be screened with 220 or coarser screen on a buffer and microfiber clean to ensure adequate adhesion with the subsequent coat..

3. **Apply WB Urethane Gloss Pigmented:** Mix the WB Urethane Gloss by blending 1 gallon of A to 1 quart of B. This product is a 4:1 ratio. Add the appropriate amount of pigment (1 WB Pigment will pigment 2, 1.25 gallon kits,. So if you are using a 1.25 gallon kit only use half of the 32 oz pigment container). Mix A, B, and pigment with paddle and drill for 2 minutes and ensure pigment has been thoroughly distributed.. Apply the product to the floor by dipping and rolling out of a pan. Use a $\frac{3}{8}$ " nap roller cover. Application rate is around 300- 400 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 12 hour recoat window the floor should be sand screened) Vacuum and wipe and blow floor clean. Apply a clear top coat of WB Urethane Gloss by dipping and rolling out of a pan with a $\frac{3}{8}$ " nap roller at around 300-400 sqft per gallon.

a. Add traction additive if desired. (our Grip X is a nice size for this product)

b. Protect area from traffic until the coating has sufficiently dried (typically 20 hours for light foot traffic)

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