

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. In order to accomplish this floor in 'One Day' dry grinding would be necessary.

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.

- This method should be considered a 2nd choice to dry grinding with metal bond tools on a machine like the Onfloor grinders we have.

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. 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). 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 Poly 90 Top Coat Pigmented:** After the Super Prime coat has sufficiently set and is no longer tack free (typically 4-12hours) the Poly 90 can be applied. Note: Even if the Super Prime appears dry in a short period of time we recommend waiting 4-12 hours to apply Poly 90 so all of the water can escape from the Super Prime Coat. Mix in the proper amount of pigment (1 Poly Pigment colors 4 gallons of Poly 90).

a. Mix the Poly 90 by drill mixing. (1:1) ratio

b. 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 $\frac{3}{8}$ " nap roller. Top coats tend to lay out better with less chance of roller lines when using a squeegee and back rolling. Approximate coverage with this method is 250 sqft per gallon

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. Temp. dependant)

Please Read: We do not sell the 'finished floor'. You are responsible for creating the finished product. Please contact us with any questions. Mock ups are encouraged before doing your project. 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.



