



Pro One Day Solid 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. It also needs a profile.
A few methods for properly preparing the concrete are:
 - a. 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.
 - i. This is the primary method for prep used by Professionals.
 - ii. Note: Water should not be used for prep. Insure floor and joints are 'bone dry' before coating
 - iii. Any repairs need to be done prior to prep. Our Instant Medic Hard is the recommended repair material for cracks and spalls.
2. **Apply Polybase98:** Mix Polybase 98 by drill mixing. Mix in the proper amount of pigment if not buying pre-pigmented kits (1 pigment/ 3 gallons of Polybase98). It is recommended to never mix a full 3 gallon kit. Most mix 3 quarts at one time (2 qts A, 1 qt B). Apply Polybase98 to the floor by dipping and rolling out of a pan. Use a $\frac{3}{8}$ " nap, 18" roller cover. Larger floors can be accomplished by pouring the Polybase98 on the floor and using a flat squeegee to spread the product and immediately backrolling. Coverage rates for dipping and rolling are approximately 250-300 sqft per gallon. *Polybase 98 has a total life of about 15 minutes to get where you want it. The Polybase 98 product is available in Summer and Winter blends. Refer to data sheet for more information.
3. **Apply Poly 90 (or Poly85 Slow) Top Coat Pigmented:** After the Polybase98 coat has sufficiently set and is no longer tack free (typically 2-12 hours) the Poly 90/85 Slow can be applied. *Note: Never apply until the 1st coat is tack free.* If exceeding the maximum recoat window of 12 hours Polybase98 must be screened with 150 or coarser screen on a buffer and microfiber clean to ensure adequate adhesion with the subsequent coat.. Mix in the proper amount of pigment (1 Poly Pigment colors 4 gallons of Poly 90/85 Slow). Mix the Poly by drill mixing. (1:1) ratio. Poly colored topcoat should be applied by pouring the product on the floor and using a flat or small notch (5-7 mil) squeegee and immediately back rolling with a $\frac{3}{8}$ " nap, 18" 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
 - a. Poly 90/85 Slow hangs out in the bucket better than on the floor. Only apply the amount of product that can be effectively squeegeed and backrolled adequately at a time.
 - b. Add traction additive if desired when mixing.
 - c. Protect area from traffic until the coating has sufficiently dried (typically a minimum 4-8 hours for light foot traffic. Temp. dependant)

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