



Pro One Day 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. It also needs a profile.
 - i. Do all repairs before grinding so repairs are ground flush with the floor. We recommend our Instant Medic Hard for all repairs for this coating system.
 - ii. Methods for properly preparing the concrete are:
 1. Using a lower grit (16, 30) metal bond diamond tool on a single headed or planetary grinder with a vacuum and grinding dry
 - a. Vacuum floor clean. Remove any other residual dust by leaf blowing and/or microfiber wiping. Do not use water
 - b. You are going for a floor with a light broom finish like profile that is completely profiled, bone dry, and free of contaminants
2. **Apply Pigmented Polybase 98:** Mix Polybase 98 by drill mixing(2A:1B). Smaller batches of 3 quarts or 1.5 gallons at a time are encouraged. Mix in the proper amount of pigment (1 pigment/ 3 gallons of Polybase98 if not purchasing pre-pigmented Polybase98). Apply Polybase98 to the floor by dipping and rolling out of a pan (this is best for garage floors). Use an 18", 3/8" nap roller cover. Larger floors can be accomplished by pouring the Poly on the floor and using a flat squeegee to spread the product and immediately backrolling. Coverage rates for dipping and rolling are approximately 250-350 sq ft per gallon. *Polybase 98 has a total life of about 15 minutes to get where you want it after mixing and another 15+ minutes to broadcast flakes (temp. dependant). The Polybase 98 product has a quicker cure and is available in Summer and Winter blends and is a favorite of everyday installers. The best is to roll and broadcast your way out of an area. Wear spike shoes is extremely handy for broadcasting and double checking your work. Refer to data sheet for more information.*
3. **Broadcast Flake:** **Immediately after** the Polybase98 is applied to the floor the flakes need to be broadcast. Broadcast flakes to rejection before the Polybase98 begins to set. It is best to broadcast flake as you back yourself out of the area when coating. Multiple broadcast work best opposed to one saturation coat. No shiny spots from the basecoat should be seen when done broadcasting. 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 (this is an approximate minimum amount of flakes needed).
4. **Top Coat - Poly 90 or Poly 85 Slow Clear:** After the base coat with flakes has sufficiently set and is no longer tack free (typically 4 plus hours. Note this is greatly effected by temperature) scrap the floor by using a straight edge or use a sand screen to knock down jagged flakes. Vacuum and blow floor clean. Apply a clear top coat of Poly 90/85 Slow using a flat squeegee and backrolling with an 18", 3/8" nap roller (coverage is approximately 175 sqft/gallon). Spike shoes are necessary to walk through the floor when using a squeegee. Be sure and get 100 percent coverage when squeegeeing or dry spots can occur.
 - a. Add traction additive if desired.
 - b. Protect area from traffic until the coating has sufficiently dried (refer to tech data for dry times)

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