

## U-Epoxy-It

### One Day Clear 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 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:** Mix S&P by drill mixing. Apply the product to the floor by dipping and rolling out of a pan. Use a ¼" to ⅜" 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 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 adhesion.
3. **Apply Poly 90 Top Coat:** After the S&P 40 coat has sufficiently set and is no longer tack free (typically 4-6 hours) the Poly 90 can be applied. (If going beyond the 12 hour recoat window the floor should be sand screened).
  - 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 ⅜" nap roller. Clear coats tend to lay out better with less chance of roller lines when using a squeegee and back rolling.
    - 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)



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