

# Hard Rock Advice Polyurethane Application

Job: Polyurethane concrete floor, garage floor, commercial concrete floor, etc.

Hard Rock recommends a professional, experienced contractor apply concrete floor coatings

## REQUIREMENTS

Surecrete Polyurethane coating Part A & B.

Floor Grinder complete with grinding pads and vacuum.

Floor maintainer with sanding screens.

Super Concrete Renovator (SCR) - Water needed for neutralization.

Acid (Hydrochloric or Muriatic) - Baking Soda mixed with water for neutralization.

Wet/Dry vacuum to suck up moisture if you are in an area where there is no drainage.

Floor Coating—Acrylic, Polyurethane.

10., Sleeves, Rollers, Tray and a long handle.

## PREPARATION

Concrete should feel as rough as 100 grit sandpaper.

**Preferred Method:** Sanding or grinding of concrete.

**Tools Required:** will need a floor grinder with pads (50/60 grit), can have a vacuum attachment. Floor maintainer with Sanding Pads (60-100 grit) - This method requires extensive vacuuming and cleaning of concrete to remove any slurry or dust particles.

Alternate Method: May also be attained through Super Concrete Renovator (SCR) - (Requires neutralization before further treatment and a thorough drying period for the concrete before proceeding.

## APPLICATION

Mix two part system as per manufacturers instructions.

The application of Polyurethane is done with rollers. 10mm Lint free roller sleeves should be used and roller should be de-fuzzed before use by wrapping in masking tape and then removing tape. 9" Rollers or 18" Rollers may be used.

Measure the space and plan layout by applying tape at regular intervals upon the walls.

Saturate roller in pan and remove excess product to prevent dripping.

Apply to an area that can be comfortably applied and back rolled before product and roller become tacky.

Work in pairs. One rolling material while the other back-rolls the material perpendicular to application rolls.

Continue in similar sized areas maintaining a wet edge. Thin coats are imperative. If a roller sleeve starts to pull, replace the roller sleeve.

Areas of overlap MUST be wet on wet.

This can be a standalone application or may serve as a finish or top coat on other Durakote or Epoxy systems.

Dry Time is 24-48 hours between coats.. If more than 48 hours between coats, a light scuff is required

Two coats is recommended, allowing the polyurethane to dry in between coats.

## RESOURCES

Surecretedesign.com—Technical Data Sheets, SDS Sheets and instructional videos.

Hardrockdevelopments.com—Technical Data Sheets and SDS Sheets.

