

SUPER POLY

Two Component Concrete Sealer

DESCRIPTION

SUPER POLY is a tough, high solids aliphatic poly-urea system that protects and beautifies concrete surfaces. SUPER POLY is stocked at 82% solids for ideal flow and leveling but 100% solids can be made upon request. The application of SUPER POLY to concrete results in a high-gloss, abrasion resistant surface that can tolerate temperatures up to 350° F. This two-component system has excellent adhesion to concrete and quick return-to-service time. SUPER POLY can be applied with a roller, brush, airless sprayer, or wire gauge rake and spiked roller. SUPER POLY is waterproof if film is not broken. For interior use only.

FEATURES

- ★ Fast return-to-service
- ★ Flexibility minimizes cracking
- ★ Excellent adhesion to concrete
- ★ Flexural strength (100% elongation)
- ★ Can be applied with a roller
- ★ High chemical and stain resistance
- ★ High gloss shine
- ★ Can be applied in cooler temperatures

PREPARATION

Fresh concrete should be properly cured for a minimum of 28 days before the coating is applied. Acid etch or abrade the surface to at least 100-grit finish for maximum adhesion. Clean with tack cloth prior to application so that concrete surfaces are clean, completely dry, free of dust and other coatings or contaminants that might prevent penetration. Surfaces that have been acid etched should be thoroughly neutralized. Vapor transmission should not exceed 3 pounds per 1,000 ft².

Pour Part B into Part A in a larger container and mix until streak-free. Scrape the sides of the container during the mixing process to ensure a complete blend. Avoid drawing air into the mixture during agitation. The system is ready to use after thorough mixing.

APPLICATION

SUPER POLY should be applied to concrete surfaces with an airless sprayer, brush, roller, or wire gauge rake and spiked roller to a wet film thickness of 4-50 mils. Additional coats may be added after 2 hours and before 16 hours without sanding. A single application should not exceed 20 mils when relative humidity is greater than 90% or 50 mils when relative humidity is greater than 40%. Conditions where condensing humidity is likely should be avoided. A primer coat is recommended for best results. A primer can be made by adding 1 part Xylene to 1 part A and 1 part B of SUPER POLY (Ex: add 2 quarts of Xylene to one gallon of mixed SUPER POLY). Apply at approximately 400 ft² per gallon, depending on substrate porosity. In cooler temperatures, the product may need to be thinned up to 10% by volume with Xylene to reduce viscosity. Adjust coverage for desired DFT (Dry Film Thickness). Best results for a clear film are obtained by applying multiple coats. SUPER WAX is recommended as a maintenance coating for interior applications.

RE-COAT

Re-coat between 2 and 16 hours. If re-coating cured SUPER POLY, prepare coating with an orbital sander and clean with a tack cloth before re-coating.

COVERAGE RATE

400 ft² per gallon @ 3.28 mils (dry film thickness)

32 ft² per gallon @ 41 mils (dry film thickness)

TECHNICAL DATA

Shore Hardness:	65 D	Gloss 60° F:	80+
Density @ 20° C (g.cc):	1.05	Flash Point:	81° F
Weight Solids:	82%	VOC:	<200 g/L
Volume Solids:	82%	DOT:	UN1263 / PAINT / 3 / PGIII
Pot Life:	30 min. @ 70° F	Recoat Window:	2-16 hours
Tack Free Time*:	1 hr 45 min.	Light Foot Traffic*:	4 hours
Light Vehicle Traffic:	24-36 hours	Full Cure*:	2 weeks

*Cold temperatures will lengthen cure times and increase viscosity but won't stop full cure

PRECAUTIONS

Avoid contact with moisture. This will cause carbon dioxide bubbles to form in film. Avoid applying in high humidity. Increased temperatures and/or relative humidity will speed cure time.

SLIP RESISTANCE

Apply one coat of SUPER POLY, broadcast SUPER GRIP, and apply second coat or add directly into SUPER POLY.

CLEANUP

Clean tools with Acetone or Aromatic Solvent (A100, Xylene, or Toluene) before SUPER POLY hardens. Do not use Paint Thinner or Mineral Spirits.

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Made in USA

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