

SUPER POLY

DESCRIPTION

SUPER POLY is a tough, 82% solids aliphatic poly-urea system that protects and beautifies concrete surfaces. The application of SUPER POLY to concrete results in a high-gloss, abrasion-resistant surface that is resistant to 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 notched squeegee. SUPER POLY is water-proof if film integrity is not broken.

BENEFITS

- ★ Fast return-to-service
- ★ Can be applied with a roller
- ★ Flexibility minimizes cracking
- ★ High chemical and stain resistance
- ★ Excellent adhesion to concrete
- ★ High Gloss shine
- ★ Flexural Strength (300% Elongation)
- ★ Can be applied in cooler temperatures

APPLICATION

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. Prior to application, all concrete surfaces should be clean, completely dry, and 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 1000 ft.²

Pour **Part B** into **Part A** 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.

SUPER POLY should be applied to concrete surfaces with an airless sprayer, brush, roller, or notched squeegee to a wet film thickness of 4-50 mils (400-32 ft²/gal). Additional coats may be added after tack-free and before 16 hours without sanding. A single application should not exceed 15 mils when relative humidity is greater than 90% or 50 mils when the 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/gal, depending on substrate porosity. As an alternative, an epoxy primer may be used. 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.

Coverage Rate: 400 ft.² per gallon @ 3.28 mils DFT 32 ft.² per gallon @ 41 mils DFT (Dry Film Thickness).

Technical Data:

Shore Hardness:	65 D	Gloss (60°):	80+
Density @ 20°C (g/cc):	1.03	Flash Point:	81° F
Weight Solids:	82%	VOC:	<400 g/L
Volume Solids:	78%	DOT:	UN1263, Paint, 3, PGII.
Pot Life:	30 min. @ 70° F	Recoat Window:	2-16 hours
Tack Free Time*:	2 hrs	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.

Slip Resistance: Blend SUPER GRIP into Part A of the SUPER POLY. Blend Part A and Part B and apply.

Clean Up: Clean up with Acetone or Aromatic Solvent (A100, Xylene, or Toluene) before SUPER POLY hardens.

Disclaimer: Since Clemons Concrete Coatings has no control over handling, use or storage; no guarantee expressed or implied, is offered. Clemons Concrete Coatings warrants the product to be free of defects and will replace or refund the purchase price of said products proven defective. Labor cost and/or other consequential damages are not covered by this warranty. Responsibility for claims of any kind is strictly limited to the purchase price of the product. The suitability of the product for any extended use shall be solely up to the user.

Made in USA

Clemons Concrete Coatings

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