



Hybrid epoxy coating for pools, concrete and other surfaces.

Distributor

Poly Solutions
230 Laurel Avenue
Gibsonia, PA 15044
724-449-2122

Product Description

Basic Use: Ultra Poly One Coat is a hybrid-epoxy coating used on concrete and other surfaces to create a durable, waterproof, chemical-resistant protective coating; especially for swimming pools, spas, wading pools, water-scaping installations, ponds and other areas that are meant for continuous containment of water and chemicals. It maintains a hard, glossy finish for years, resisting chalking, fading, bubbling, peeling or cracking.

Ultra Poly One Coat is 100% solids; it contains no volatile organic compounds (VOCs) and it is not regulated as hazardous material. It is odorless. Thinners can be added on site by the applicators to adjust viscosity as desired. Thinners should be added at a ratio of 1/2 pint per 1 gallon kit to achieve standard coverage. Areas coated with Poly Prep (available from the distributor) or other previously coated areas will gain additional square foot coverage

Ultra Poly One Coat is packaged in exact mixing ratios at the point of manufacture.

Technical Data

Coverage: Approximately 100 square feet per one-gallon kit. Coverage depends on thickness, surface texture and ratio of solvents added.

Percent Solids: 100% (no VOCs)

Compressive strength: 8000- 10,000 cps

Adhesion: Greater than the cohesive strength of concrete. Cold roll steel/white metal greater than 4000 psi.

Pot life: Varies with temperature. Generally 30 minutes at 70F. See label for tips on controlling pot life. Elongation: greater than 30% at 20 mil coverage.

Ultra Poly One Coat is available in White and Pool Blue. It is also available in custom colors in batches of 50 gallons or more. Black is available for lane striping etc. Dark colors resist chalking as much as standard colors.

Storage: Unlimited shelf life for unopened cans not stored in extreme temperatures, Avoid freezing and other conditions that compromise the integrity of the containers.

It can be directly applied at desired build thickness up to one inch and is designed to provide one coat coverage at approximately 80 square feet per gallon. Ultra Poly One Coat can be mixed and applied using standard tools such as mixing drills, rollers and brushes.

Installation

Ultra Poly One Coat is formulated specifically for excellent adhesion to concrete, marcite, gunite, quartz aggregate, plaster, metal, and most other substrates. Ultra Poly One Coat is formulated for successful application to concrete that has not fully cured (green).

Ultra Poly One Coat requires no primers. Primers are not recommended.

The same coating is used for both vertical and horizontal applications. It is self-leveling.

Ultra Poly One Coat can be mixed and applied using standard tools such as mixing drills, rollers and brushes. Roller application is standard.

Application Temperatures:

Application is recommended in temperatures ranging from 50 F to 90 F

Standard pot life is calculated based on 70 F. Surface temperature and ambient temperature have a direct affect on pot life and cure time. Higher temperatures yield a faster cure.

Preparatory Work:

Preferred preparation is a thorough cleaning with a pressure washer, minimum 3000 psi. The goal of surface preparation is to remove all debris, loose material and potentially loose material to create a clean surface.

New concrete should be free of release agents and fully set. Surface defects should be repaired prior to coating. Small voids and cracks may be filled with Ultra Poly One Coat for repair.

Mixing: Pour the entire contents of Part B into the container marked Part A, Mix thoroughly using mechanical means. Add 1/2 pint thinner (such as acetone) slowly until desired consistency is reached. Slightly more or less thinner may be used.

Cure time: Ultra Poly One Coat generally cures overnight (8- 12 hours), It will cure faster when applied to warm surfaces or In high ambient temperatures, Application to cooler surfaces in cooler temperatures may require additional cure time. Swimming pools and other coated areas can be filled with water when cure is complete,

Precautions: Do not re-cap containers of mixed material. Follow label instructions regarding storage, handling and disposal.

Material Safety Data: All Material Safety Data Sheets should be read and understood by all applicators before using Ultra Poly One Coat. Purchaser is responsible for complying with all applicable federal, state or local laws covering the product.

Manufacturer

Ultra Polymers, Inc. RO, Box 1376
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Brochures and other information are available through Poly Solutions, Inc. Information regarding additional coatings with varying capabilities is available through the manufacturer,

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