

water based
POLY
CONCRETE & MASONRY SEALER
protects against
WATER / UV / ABRASION

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION

SEAL-ONCE® POLY Concrete & Masonry Sealer shields concrete and masonry from water damage and decay by forming a strong, durable and flexible coating on the surface. The enhanced UV inhibitors and superior abrasion resistance offer the highest level of protection against the elements.

POLY is a single component, water based aliphatic polyurethane that is APEO free. It is an eco-friendly, ultra-low VOC product that does not contain mercury, heavy metals or silica. It will not harm pets, plants or people. The non-toxic, low odor formula dries quickly and provides superior adhesion. It is easy to clean and is appropriate for both interior and exterior use.

POLY is available in a Satin finish that applies milky white and dries clear. It will not alter the color of the concrete, yellow or discolor over time.

RECOMMENDED APPLICATIONS

- Concrete driveways
- Walkways
- Garage floors
- Patios
- Pre-cast pavers
- Faux and veneer stone
- Brick
- Acid-stained, colored or stamped concrete
- Simulated brick
- Sandstone
- Exposed aggregate
- Slate
- Tile (unglazed)
- Stucco
- Concrete block

FEATURES

- Eco-friendly
- Non-toxic; will not harm pets, plants or people
- Ultra-low VOC
- Water based formula
- Flexible barrier
- Non-yellowing formula
- Superior abrasion resistance
- High impact resistance and hardness
- UV blockers prevent color fading
- Prohibits mold & mildew growth
- Soap & water cleanup

PHYSICAL CHARACTERISTICS

Color	Milky white liquid, dries clear
Flash Point	None
pH	8-9
Solvents	Water
lbs/gal	8.1
Specific Gravity	1.04
Viscosity	100 cps
Application Temp.	50°F/10°C* - 95°F/35°C
Odor	Nil
VOC Content	22g/L**

*Does not apply when air or surface temperature is below 50°F/10°C or may fall below 50°F/10°C within 24 hours after application.

**VOC Content determined via EPA Method 24

PACKAGING SIZES

1 Gallon Can | 5 Gallon Pail

FREIGHT CLASS

55



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APPLICATION INSTRUCTIONS

PREPARATION

- All surfaces should be cleaned before sealing for best penetration and performance. Remove all old coatings, dust, debris and loose material. Remove oil, grease, algae, grime and mold and mildew stains with appropriate cleaners. Recommend SEAL-ONCE Concrete/Masonry Cleaner.
- After cleaning, test absorbency of surface by sprinkling a few drops of water on the surface. If the water does not readily penetrate the surface, stripping will be necessary to remove old coatings prior to applying SEAL-ONCE POLY Concrete and Masonry Sealer. Retest surface when dry.

APPLICATION

- Do not use if air or surface temperature is below 50°F/10°C or above 95°F/35°C.
- Do not apply in rain or when rain is expected within 24-48 hours.
- DO NOT THIN. Mix well. Stir contents or shake thoroughly prior to use.
- Apply two coats with a synthetic brush; pump-up garden sprayer; air-assisted; and/or airless sprayer. Use 15-17 tip and medium to coarse spray pattern. When spraying, always back brush for best results.
- Allow first coat to dry completely before applying a second coat. First coat should be dry within 2 hours.
- Apply second coat following the same instructions as for the first coat.
- If more than 24 hours have passed before applying the second coat, scuff sand the first coat to ensure proper adhesion.
- On very porous masonry, a third coat may be necessary.
- For best results, apply in the shade and out of direct sunlight.
- Apply to all surfaces and ends.
- Use only with other SEAL-ONCE waterproofing products.
- Allow 4-6 hours for surface to dry completely before permitting light foot traffic.

COVERAGE

- Approximate coverage: 300-400 sq. ft./gallon per coat. Actual coverage will vary due to porosity of surface.

DRYING TIME

- Allow approximately 4-6 hours for surface to dry, depending on temperature and humidity, before subjecting to light foot traffic.
- Allow 24-48 hours for full cure, depending on temperature and humidity.
- When recoating, ensure first coat has dried completely and is dry to the touch. Allow approximately 2 hours before applying second coat.

CLEANUP AND STORAGE

- Clean sprayer equipment and brushes with warm soapy water.
- Store above 32°F/0°C to protect from freezing.
- Shelf life (unopened): 12-18 months
- Disposal: soap and water cleanup; no special disposal procedure needed.

PRECAUTIONS

- Protect adjacent areas from overspray and runoff including windows and siding. Immediately remove overspray with soap and water.
- Safety Precautions
 - Avoid breathing in spray. If inhaled, move to fresh air.
 - Avoid contact with eyes. If splashed into eyes, rinse with clean water for 15 minutes.
 - If skin irritation occurs, wash area with soap and water.
 - If accidentally ingested, immediately drink 2 glasses of water and contact a physician. Do not induce vomiting.



Manufactured by U-C Coatings, LLC
P.O. Box 1066 | Buffalo, NY 14215 USA
(716) 833-9366 | sales@seal-once.com | www.seal-once.com

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