



SC

SURFACE COAT
PROTECTIVE SEALERS & STAINS

SC-75 Polyurethane Sealer

Description

SC-75 Polyurethane Sealer is a clear, single component, VOC compliant solvenated, moisture cured, polyurethane sealer and glaze. It is a very hard polyurethane that offers better gloss, UV resistance, and stain resistance than most other sealers. The solvent base allows the material to penetrate and adhere to concrete, porous brick, and tile.

Uses

SC-75 is designed to seal and create a wet look on concrete, unglazed brick or tiles and many other masonry surfaces. Perfect to seal and glaze stamped concrete and cementitious surfaces such as Westcoat Texture-Crete, ALX, or MACoat Systems.

Advantages

- UV Resistant
- VOC Compliant
- High Gloss
- Excellent Adhesion
- Chemical Resistant
- Long Lasting
- Single component

Packaging

5 gallon pails

Color

Clear with gloss finish

INSPECTION / PREPARATION

Inspection

Surfaces must be structurally sound and sloped for drainage. The surface must be dry and free of oil, grease, curing agents, dirt, dust or other foreign material that may prevent proper adhesion. The surface must be porous or rough enough to allow the product to soak in.

Preparation

Prepare surface by scrubbing, sanding, grinding, waterblasting, sandblasting or shot blasting to achieve

a clean, porous, and uniform surface that will allow product to soak in and bond permanently. As a sealer over the ALX, MACoat or Texture-Crete Systems, apply directly over the textured surface. If texture has been left for more than 72 hours or it has become dirty, clean as needed prior to the application of SC-75. Note: The most common reason for coating failure is due to lack of preparation.

APPLICATION

Mixing

Stir prior to use.

Thinning

May be thinned up to 25% with acetone for better absorption, increased coverage, and longer working time in hot and arid climates. Apply thin coats to help avoid bubbles and streaks in direct sun. Call manufacturer for further thinning recommendations.

Coverage

Will vary depending on the surface. Up to 400 square feet per gallon on a semi-smooth surface and between 200-300 square feet per gallon on a rough surface. Test area to determine coverage whether or not a second coat is needed.

Applying Product

Can be sprayed, brushed or rolled. If rolled, neatly cut-in all edges with a brush and roll the center using a 1/2 to 3/4 inch nap, good quality roller cover. Be sure to spread evenly in a "V" pattern rolling in both directions.

Dry Time

Allow 8 hours before light foot traffic or recoating. Normal traffic may be permitted after 24 hours. Allow 48 hours before placing heavy objects on the surface. Allow 72 hours for vehicular traffic.

Clean Up

Uncured material should be removed with an environmentally-safe solvent. Cured material should be removed mechanically.

LIMITATIONS

- This product is designed for professional use only.
- Be sure to do adequate surface preparation.
- Do not apply in temperatures below 50°F or above 90°F. Hot or cold weather may effect dry times.
- Do not apply more than 2 thin coats. Maximum 2-3 dry mils per coat.
- Rain may cause SC-75 to whiten. If inclement weather threatens, cover deck to protect new application
- Surface will become more slippery with sealers, skid resistant additives are available.
- Do not apply over SC-10 Acrylic Topcoat or other water-based acrylics.
- Not recommended for use over smooth surfaces.
- Do not allow any Westcoat products to freeze.

HEALTH PRECAUTIONS

Inhalation of vapor or mist can cause headache, nausea irritation of nose, throat, and lungs. Avoid breathing vapors, it is strongly recommended that respirators are worn.

Prolonged or repeated skin contact can cause slight skin irritation. All epoxies have the potential of causing skin irritations or allergic reactions. Be careful not to get on

skin, clothes or in eyes. Gloves are strongly recommended. If splashed in the eye, flush with warm water and contact a physician if blurring persists.

Solvent based products are extremely flammable, extinguish all pilot lights and sources of ignition such as electrical motors. Be sure to have adequate cross ventilation prior to installing.

DISCLAIMER

PURCHASER'S SOLE AND EXCLUSIVE REMEDY AGAINST THE MANUFACTURER OF WESTCOAT, SHALL BE LIMITED SOLELY TO THE REPLACEMENT

OF ANY DEFECTIVE MATERIAL OR A PAYMENT BY THE MANUFACTURER IN AN AMOUNT EQUAL TO THE COST OF THE ORIGINAL MATERIAL.

Physical Properties

Chemical Composition	Moisture Cure PU
Density (#/gal)	9.1
Specific Gravity	1.1
Gloss @60 Degree	100.1
Solids %/wt	30
Viscosity cPs	95
Viscosity KU	45
VOC gm/l	<100
Shelf Life	1 year
Flash Point	122°F

Technical Data

Tack Free over concrete (@ 6 mil) @72°F	1.5 hr.
Foot Traffic -1st coat- over concrete @72°F	6.25 hr.
Foot Traffic -sealed surface- @72°F	6 hr.
Full Cure (@ 6mil)	72 hr.
Pencil Hardness	2H
Adhesion on Concrete (7 day cure) ASTM D3359	5
Sag & Leveling ASTM D4400	5
Reducer/Clean Up	Acetone

Chemical Resistance

Muratic Acid (31.5% HCL)	5
Sulfuric Acid (50% H2SO4)	5
Sulfuric Acid (93% H2SO4)	1
Nitric Acid (10% HNO3)	5
Sodium Hydroxide (50% NaOH)	5
Bleach (sodium hypochlorite)	5
Vinegar (3-5% acetic acid)	5
Transmission Fluid	5
Gasoline	5
Brake Fluid	5
409 Surface Cleaner	5
Pine Sol Solution	5
Blood & Body Fluids	5
Iodine Solution	5
Mustard	5s
Ketchup	5
Red Wine	5
Acetone	5
Methyl Ethyl Ketone (MEK)	5
Xylene	5
Ethanol	5
Methanol	5

Key:
 5 = Best (no effect)
 4 = Softens (recovers)
 3 = Softens (no recovery)
 2 = Blistered (no recovery)
 1 = Worst Destroyed
 s = With Stain
 * Contact time > 5hrs = 1

Disclaimer: The test results above are estimated values and believed to be accurate, the tests were performed in Westcoat's lab according to standard testings methods. Values and performance will vary depending on individual use of the product.



westcoat

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