



SC

SURFACE COAT
PROTECTIVE SEALERS & STAINS

SC-66 WB Satin Polyurethane Sealer

Description

Westcoat SC-66 is a two component, high solids, water-based, low gloss polyurethane sealer. This product provides properties equal to that of traditional urethanes with fewer health and environmental concerns. The UV, mar, and chemical resistant nature of this product will cause it to outperform most other types of sealers.

Uses

SC-66 is specified as the finish coat in moderate to severe chemical environments or in heavy traffic areas. Due to the low odor of the water-based polyurethane, it is user friendly and ideal for interior applications. Apply SC-66 Satin as a coating over Westcoat epoxy & urethane floor coatings. SC-66 Satin is also used as a topcoat on a variety of other substrates such as concrete, Texture-Crete and stained concrete flooring when applied over a clear epoxy or urethane. Use on decorative floors, garage floors, industrial floors, restaurant floors and automotive service areas.

Advantages

- Water-based
- Low Odor
- VOC Compliant
- UV Resistant
- Impact and Abrasion Resistant
- Easy to Clean
- Enhances Color
- Clear- Non-yellowing
- Good Working Time
- Improved Dry Time
- Excellent Adhesion
- USDA & FDA Compliant
- Satin Finish

Packaging

1 and 15 gallon kits

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. SC-66 has a likelihood of

turning white when applied directly over a substrate with moisture or acid stained concrete, as a precautionary measure apply over a clear epoxy or urethane within 24 hours.

As a final coat over textured epoxy systems SC-66 must be applied within 24 hours. If more than 24 hours have past, lightly abrade the surface and wipe with a solvent such as denatured alcohol prior to the application.

APPLICATION

Mixing

Premix each component separately. In a clean bucket, mix 2 parts A with 1 part B, by volume of SC-66. Mix thoroughly with a low speed (200-300 rpm) drill motor for 4-5 minutes. Make sure to scrape the sides and bottom of the container during mixing.

Thinning

When applying as a clear sealer it is OK to thin the SC-66 with up to 30% water. For best results, thin when applying on textured substrates and apply neat and at approximately 2 mils(wet) or 800 sq.ft. per gallon on smooth surfaces.

Coverage

400-800 sq.ft. per gallon

Applying Product

On textured surfaces, spray the SC-66 evenly onto the

surface with a hudson type sprayer and backroll with a 3/8" - 1/2" nap roller, depending on texture. Be sure that your roller is long enough to fill all voids when backrolling. Two coats may be necessary for full coverage.

On smooth surfaces, spray SC-66 onto floor with a hudson type sprayer and backroll with a 1/4 inch nap roller. SC-66 can be challenging to apply on smooth precoated floors, such as smooth epoxy floors, as it leaves a slight orange peel texture, be sure to apply very thin and even by rolling carefully in both directions, being sure not to leave roller marks.

Re-coating

Re-coat if needed within 24 hours of application to ensure adhesion. If a delay occurs, it is recommended that the surface be lightly sanded and wiped with a solvent or denatured alcohol just before reapplication.

Dry Time

You may re-coat as soon as the surface is dry to the touch or in about 4-8 hours. Light foot traffic may be permitted in 12 hours, normal traffic in 24 hours and vehicle traffic in 72 hours. All times are based on average temperature of 70°F and 50% humidity.

Clean Up

Equipment should be cleaned with water immediately after use.

LIMITATIONS

- This product is designed for professional use only.
- Do not apply directly on top of concrete, must be applied over a clear or solid Westcoat epoxy or urethane.
- Be sure to measure and mix properly. Be aware of the pot life of mixed material.
- Do not apply in temperatures below 50°F or above 95°F. Hot or cold weather may effect dry times.
- SC-66 Satin must be cured for a minimum of 48 hours before coming in contact with water.
- Use care to apply evenly.
- 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. Prolonged or repeated skin contact can cause slight skin irritation. Avoid contact with skin and wear protective gloves and eye protection.

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. May also cause damage to respiratory system, lungs, eyes, in and central nervous system. Read Material Safety Data Sheets before using.

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	Water-Based Polyurethane
Density (#/gal)	9.1
Specific Gravity	1.1
Gloss @60 Degree	10
Solids %/wt	62
Solids %/vol	54
PVC (Pigment to Volume Concentration)	NA
Viscosity cPs	660
Viscosity KU	72
VOC gm/l	<50
Shelf Life	1 year
Flash Point	NA

Technical Data

Pot Life (Gel Time) 150gm @72°F	45 min
Tack Free over concrete (@ 6 mil) @72°F	4hr.
Foot Traffic -1st coat- over concrete @72°F	8 hr.
Foot Traffic -sealed surface- @72°F	12-16 hr.
Full Cure (@ 6mil)	72 hr.
Pencil Hardness	2H
Adhesion on Concrete (7 day cure) ASTM D3359	5
Sag & Leveling ASTM D4400	4
Reducer/Clean Up	Water

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



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SC-66 4/18