



SURFACE COAT
PROTECTIVE SEALERS & STAINS

SC-10 Acrylic Topcoat

Description

SC-10 Acrylic Topcoat is a medium viscosity 100% acrylic water-base coating. It is durable yet flexible and is one of the most chemical resistant acrylic resins available. It is a tough, low sheen, wear resistant coating.

- UV Resistant
- Excellent Hide and Color Retention
- 16 Stock Colors and can be Factory Tinted.

Uses

SC-10 is specially designed to be used as a topcoat for the MACoat, ALX, and Texture-Crete Systems, as well as a stand alone coating over concrete when properly prepared. SC-10 is an excellent product to recoat many other waterproof acrylic deck coating systems.

Packaging

1 and 5 gallon pails

Color

Lawn Green	Sand
Pewter Gray	Slate Blue
Rocky Nook	Deep Tan
Tile Red	Travatan
Cape Cod Gray	Stone Gray
Spanish Brown	Concrete Gray
Omaha Tan	Mission Red
Sandy Beige	Arizona Tan

Advantages

- Fast Drying
- Low Sheen
- Water-Based - Easy Clean Up
- Chemical Resistant - Alkali and Moisture Resistant

INSPECTION / PREPARATION

Inspection

Over concrete, surface 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.

Over previously coated systems, surface must be structurally sound with no peeling or flaking.

Over sheet metal, metal should be bonderized, clean and free of rust. If galvanized metal is used it must be free of oil and abraded.

As a topcoat for ALX, MACoat or Texture-Crete, 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 application of SC-10.

Over previously coated acrylic deck coatings, prepare surface by scrubbing with a nylogrit brush on a floor buffer and follow by powerwashing. A compatibility test should be done.

Over sheet metal, the metal should be clean, etched, and wire brushed if needed to allow product to bond.

Remove any mildew or algae using 50/50 water and household bleach. Rinse thoroughly.

Preparation

Over concrete, prepare surface by power scrubbing sandblasting, shotblasting or waterblasting to achieve a clean and uniform surface that feels like 60 to 80 grit sandpaper. Prepare the surface so that the product will soak in and properly bond.

Primer Requirements

Over concrete surfaces or previously coated acrylic deck coatings, prime using EC-11 Water-Based Epoxy for best adhesion. SC-10 may also be used as a primer if reduced 50% with water.

APPLICATION

Mixing

Use a mechanical mixer at a slow speed, until a homogeneous mixture and color is obtained. For color consistency, use all material to be used on the same project. Use care not to allow the entrapment of air into the mixture.

usually recommended. Cutting the product slightly with water and applying thin coats will also help avoid streaks on the surface.

Thinning

A small amount of water (up to one quart per gallon) may be added to thin the material, in which case two coats are

Coverage

Will vary depending on the surface. Up to 400 square feet per gallon on a smooth surface and between 125-300 square feet per gallon on a rough surface.

Applying Product

Allow the primer or texture to dry completely before applying the SC-10. This 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 inch to 3/4 inch nap, good quality roller cover. Be sure to spread evenly in a "V" pattern rolling in both directions. Apply the SC-10 thinly using adequate pressure to avoid filling in textured surfaces. In general, the product will perform better if applied in two thin coats.

Dry Time

Allow 2-4 hours between coats and light foot traffic. Normal traffic after 24 hours. Allow 48 hours before placing heavy objects on the surface. Vehicular traffic allow 72 hours.

Clean Up

Uncured material should be removed with soap and warm water. Cured material should be removed mechanically, or with an environmentally-safe solvent.

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 an adhesion test if not applied as part of the standard systems.
- Rain will wash away uncured acrylic products. If inclement weather threatens, cover deck to protect new application.
- Skid resistant additives are available.
- Do not apply if rain is forecasted within 48 hours or heavy dew within 24 hours.
- Do not allow 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.

Be careful not to get on skin, clothes or in eyes. Glove and respirators are strongly recommended. Avoid breathing vapors. If splashed in the eye, flush with warm water and contact a physician if blurring persists.

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	Acrylic Copolymer Emulsion
Density (#/gal) Colors Vary	8.8-10.8
Specific Gravity Colors Vary	1.05-1.3
Gloss @60 Degree	35-40
Solids %/wt (mix)	49
Solids %/vol (mix)	39
PVC (Pigment to Volume Concentration)	23
Viscosity cPs (mix)	1661
Viscosity KU (mix)	85
VOC gm/l (mix)	<50
Shelf Life	1 year
Flash Point	265°F

Technical Data

Tack Free over concrete @72°F	10 min.
Foot Traffic over concrete @72°F	35 min.
Foot Traffic -sealed surface- @72°F	23 min.
Full Cure @ 6mil	72 hr.*
Pencil Hardness	H
Adhesion on steel ASTM D3359	4
Adhesion on concrete ASTM D3359	4
Sag & Leveling ASTM D4400	8
Reducer/Clean Up	Water

* Product continues to crosslink and harden for 30 days

Chemical Resistance

Muratic Acid (31.5% HCL)	3s
Sulfuric Acid (50% H2SO4)	4
Sulfuric Acid (93% H2SO4)	1
Nitric Acid (10% HNO3)	3
Sodium Hydroxide (50% NaOH)	5
Bleach (sodium hypochlorite)	5
Vinegar (3-5% acetic acid)	5
Transmission Fluid	5
Gasoline	4
Brake Fluid	5
409 Surface Cleaner	5
Pine Sol Solution	5
Blood & Body Fluids	5
Iodine Solution	5
Mustard	5
Ketchup	5
Red Wine	5
Acetone	1
Methyl Ethyl Ketone (MEK)	1
Xylene	1
Ethanol	4
Methanol	4

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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