

SwiftSeal AC100 | Acrylic Coating

Product Description

SwiftSeal AC100 is an acrylic coating formulated using a 100% acrylic polymer that delivers effective resistance to weather and superior reflectivity properties. It is designed to resist cracking and peeling as well as deliver excellent protection from UV degradation. The light-reflecting white finish reduces surface temperatures to minimize thermal expansion and contraction. SwiftSeal AC100 also reduces under-the-roof temperatures, lowering cooling costs.

Recommended Uses

As a finish coat in fluid applied roofing systems over metal, urethane foam, concrete, smooth BUR, asphalt and modified bitumen, granular cap sheets, single ply membranes, and other approved surfaces.

Packaging

SKU	SIZE
AC100/55	55 gallon drum
AC100/1	5 gallon pail

Application Equipment

Airless Spray

- Hydraulic pump with minimum pressure of 2,800 psi.
- Spray tip: Reversible, self-cleaning tip without diffuser pin.
- Size .033" with a fan angle of 60° (ex. 633).
- Hose Size: At 300' total hose length, use 250' of ¾" to ½" 10" swivel whip and ¾" hose.
- General: The longer the hose, the smaller the tip orifice size.

Brush/Roll

- Soft Brushes or a minimum ¾" nap roller may be used. May require multiple coats to achieve proper coverage.

Warranty

This product is manufactured in accordance to ISO 9001-2015 standards. Seller and manufacturer's only obligation shall be to replace such quantity of product proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential arising from the use or the inability to use the product for his/her intended use, and user assumes all risk and liability. Colour fade is not covered under warranty.

Disclaimer

The information and recommendations in this document are based upon tests conducted by or on behalf of Elastochem Specialty Chemicals Inc. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of the publication. Contact your Elastochem representative to obtain the most recent product information.

Technical Attributes

Product Characteristics	
Colour	White
Vehicle Base	100% Acrylic Resin
Weight per Gallon	11.6 lbs
Solid by Weight (ASTM D 1644)	65 ± 2%
Solid by Volume (ASTM D 2697)	53 ± 2%
Viscosity @ 73°F (ASTM D 562)	110 ± 5KU
Dry Film Thickness (@ 1 gal/100 sq. ft less surface absorption)	8.4 mils per layer 2 layers
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- Exposure	4-6 hours
- Between coats	24 hours minimum
- Full cure	7 days
VOC	≤ 50 g/L
pH	9.0 ± 1.0
Specific Gravity	1.35
Flash Point	None
Solvent	Water
Clean Up	Warm, soapy water
Performance Characteristics	
Elongation/Tensile	
- Initial Elongation (ASTM D 2370)	240%
- Tensile Strength (ASTM D 2370)	210 psi
- 1000 Hrs Xenon Arc	167%
Permeance (ASTM D 1653)	11 US perms

Application Conditions

Do not apply below 10°C (50°F) or when there is expected rain. Applications during periods of low temperature or high humidity (Maximum humidity level: 85%) will extend dry time. Allow 12 hours for coating to dry prior to being subjected to rain, heavy dew or temperatures below 10°C (50°F). Apply a first coat at a thickness of 20 mils, followed by a second coat at 15 mils after waiting 12 hours. Power wash surface to remove dirt, loose paint and rust, excessive chalk, and other foreign matter which could prevent proper adhesion. Surface must be completely dry prior to coating. **Keep from freezing.**



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