



TECHNICAL DATA SHEET
ACRYSHIELD® 501 SPF
Elastomeric Acrylic SPF Base Coat

Physical Property	Typical Value	Test Method
Elongation, Initial	160%	ASTM D2370
Elongation, after 1000 Hours Aging	150%	ASTM D2370
Tensile Strength, Initial	290 psi	ASTM D2370
Flash Point	Non-flammable	-
Fungi Resistance	Zero Rating	ASTM G21
Low Temperature Flexibility, after 1000 Hours Aging	PASS	ASTM D6083
pH	8.5 – 10.4	-
Solids Content by Volume	52 - 56%	ASTM D2697
Viscosity (KU)	100 - 120	ASTM D2196
VOC Content (maximum)	50 g/l	EPA Method 24
Weight Per Gallon	11.5 – 12.5 lbs.	ASTM D1475

Approvals and Certifications

- Meets the requirements of ASTM D6083 Standard Specification for Liquid-Applied Acrylic Coating Used in Roofing
- Can contribute to LEED certification credits

Description

AcryShield 501 SPF Elastomeric Roof Base Coating is an acrylic, elastomeric base coat exclusively used over spray applied polyurethane roofing systems in AcryShield roof restoration system.

Features

- 100% acrylic energy saving reflective coating
- Helps preserve and protect new SPF substrate
- Elastomeric
- VOC compliant
- Optimum adhesion to spray applied polyurethane foam

AcryShield 501 SPF Elastomeric Acrylic Base Coating

Usage

AcryShield 501 SPF Elastomeric Roof Base Coating is used as a protective surface base coat over new spray applied polyurethane foam roofs. Properly installed, AcryShield 501 SPF bonds aggressively to new SPF and creates an appropriately prepared substrate for application of AcryShield top coat options 510 TC, 550 HT, or 610 FST.

Application

Inspect & Prep: Before coating the roof, installed spray polyurethane foam insulation must cure for a minimum of 2 hours. First coat of AcryShield 501 SPF Base Coat shall be applied the same day as the substrate receives SPF. In no case, shall the coating be applied over oxidized foam. If base coat cannot be installed same day as SPF, utilize Henry Prime-Tek GP Primer as a night seal.

Coat: Base coat can be sprayed, brushed or roller applied. Coating shall be evenly applied achieving a minimum of 13 mils dry film thickness or approximately 1.5 gallons per 100 square feet. Allow base coat thorough dry time prior to applying desired top coat.

NOTE: Existing roof must be sound, dry, clean and free of oil, grease, dirt, excess mortar, frost, laitance, loose and flaking particles, or other contaminants. All leaks must be sealed prior to application of coating.

DO NOT THIN. DO NOT APPLY IF RAIN OR TEMPERATURES BELOW 50 °F (10 °C) ARE EXPECTED WITHIN 12 HOURS (low temperature and/or high humidity may require longer drying time). Do not heat container or store at temperatures greater than 120 °F (49 °C). **DO NOT ALLOW COATING IN PAIL TO FREEZE.** Solely intended for use over spray applied polyurethane foam roofing systems. Do not apply to wet or saturated roofs.

Apply: Surface must be dry. If the roof surface is too hot to touch (>140 °F / 60 °C), it is too hot to coat. Stir coating thoroughly and apply with heavy-duty sprayer or deep-pile paint roller with wood handle and metal threads, keeping strokes in one direction. Please consult Henry® Product Support for specific questions regarding application of this product.

Coverage

Minimum coating coverage ranges from 1.5 to 2.5 gallons/square per desired warranty coverage. Coverage varies with surface texture. Application rates should be adjusted to meet each particular roof's specified requirements. Coverage rates are theoretical and do not take into account material loss due to spraying, surface texture, etc. Thicker dry film results in better performance and longer coating life.

- For Henry® Material Plus and Gold Seal Warranty, refer to the appropriate Henry® Restoration System Application Guide or Guide Specification for application and coverage rate requirements.

Clean-up

Before coating dries, clean hands, tools, spillage, etc., with warm soapy water. If coating has dried, clean hands with a waterless hand cleaner. Soften the dried film on tools with mineral spirits, and then scrape clean. When using mineral spirits, exercise safe practices concerning flammability and toxicity.

Packaging

5 Gallon, 55 Gallon

Color

Light Grey

Limited Product Warranty

We, the manufacturer, warrant only that this product is free of defects, since many factors which affect the results obtained from this product - such as weather, workmanship, equipment utilized and prior condition of the substrate - are all beyond our control. We will replace at no charge any product proved to have a material defect within 12-years of purchase, provided it has been applied in accordance with our written directions for uses we recommend as suitable for this product. Proof of purchase must be provided.

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