



Product Data Sheet:

GacoFlex™ A4271 BleedTrap™ Base Coat
May 2020

GACOFLEX™ A4271 BleedTrap™ Base Coat
ACRYLIC BASE COAT FOR ASPHALT ROOFING

- DESCRIPTION:** GacoFlex A4271 BleedTrap Base Coat for Asphalt Roofing is a single-component, easy-to-apply water-based sealer for use on roofing substrates containing bitumen, including Built-Up Roofing (BUR), all types of Modified Bitumen (MOD BIT), and smooth or granulated asphaltic roofing membranes. **Note: Not intended for use on gravel-surfaced BUR membranes.**
- USAGE:** GacoFlex A4271 BleedTrap Base Coat encapsulates the oil that commonly exudes from bituminous substrates and effectively traps it within the sealer to help inhibit bleed-through to GacoFlex Coatings.
- LIMITATIONS:** Always perform an adhesion test. Minimum application temperature is 50°F and rising.
- COLOR:** Red
- VISCOSITY:** ASTM D2697 – 85-100 KU's
- TOXICITY:** Not for use in contact with edible substances or potable water.
- ADHESION:** Adheres well to modified bitumen and asphaltic substrates, as well as to galvanized steel, polyurethane foam, and concrete. May not be suitable for all single ply membranes - always run an adhesion test to confirm suitability.

PHYSICAL PROPERTIES:

Physical Properties	ASTM Test	Result	ASTM D6694 Requirement
Tensile Strength	D2370	614 psi	
Elongation	D2730	58%	
Tear Resistance (Die C)	D624	93.2 lbs/in	
Wet Adhesion			
Foam	C 794	Pass	2.0 min
Galvanized Steel			
Mod Bit Cap Sheet			
Water Swelling, Mass %	D471	4%	
Water Vapor Permeability	E96	5.0 Perms	20 mils DFT – inch pounds

PACKAGED PRODUCT DATA	
Theoretical Coverage:	650 Sq Ft/Gal/Mil (16 m ² /L/0.02 mm)
Weight Per Gallon:	11.36 Lbs/Gal
Solids:	Weight: ASTM D1644 56.5% Volume: ASTM 2697 40.5%
VOC:	EPA Method 24: <50 g/L
Flash Point:	ASTM D1310 >200°F (93°C)
Storage Stability:	24 months in original unopened container. Protect from freezing. Some separation may occur after extended storage. Stir thoroughly before use.

APPLICATION	
Thinning:	Thinning is not recommended under normal conditions.
Application of Silicone Coating:	<p><i>GacoFlex A4271 is strongly recommended over APP and Smooth Built-Up roofing substrates (including mineral surface cap sheets), and required for all warrantable applications over SBS.</i></p> <p>GacoFlex S2000* Solvent-Free 100% Silicone Coating and S2100* White Cleanable Solvent-Free Silicone Coatings require a coat of GacoFlex E5320 2-Part Epoxy Primer/Filler be applied over A4271 BleedTrap Base Coat. Apply E5320 Primer according to application instructions and allow to dry before applying GacoFlex S2000 or S2100.</p> <p>GacoFlex S4200* High Adhesion 100% Silicone Coating and GacoRoof (S1600) may be applied directly over A4271 BleedTrap Base Coat once it has thoroughly dried. No primer is typically required, but an adhesion test should be performed.</p> <p>*Note: Gaco does not warrant and does not recommend pigmented (i.e., “non-white”) silicone coatings over asphalt substrates.</p>
Application:	<p>Apply only when air, material, and surface temperatures are between 50°F and 110°F (10°C and 43°C).</p> <p>Mix until A4271 is homogenous before application. Apply product in the morning to allow for maximum cure time during daylight hours.</p> <p>If roof temperature is over 100 °F (38°C), a light mist of water may be used to improve working time.</p> <p>A4271 BleedTrap may be applied with roller, brush, or airless sprayer. Do not apply directly to standing water. Make sure roof surface is <u>clean and completely dry</u>. Do not pressure wash asphalt surfaces or rinse with water or cleaners. Remove surface dirt and loose granules prior to application using a power broom and/or industrial vacuum. Areas with build-ups of grease and biological growth require special attention. Please contact Thnical Services for assistance.</p>
Sprayer Recommendation:	2,000-3,000 psi pressure at the gun tip, 1.0-3.0 gallon (3.8 – 11.4 L) per minute flow rate, and tip sizes ranging from 0.025 - 0.040 inches (0.635 - 1.016 mm).
Dry Time:	Allow A4271 to cure a minimum of 4 hours at 75 °F (24°C) and 50% RH. Longer cure times are needed in lower temperatures or higher humidity conditions, or in areas of heavy film build. Do not coat roof when rain or heavy dew is expected within 4 hours.
Coverage:	Target each application coat of A4271 at a rate of 1.0 gallon per 100 ft² (3.8 L per 9.3 m²) . Very rough or irregular surfaces may require more material. Continuous 6 mil dry coverage is important to ensure blocking of oil migration to the surface.
Clean Up:	Clean up tools and equipment with soap and water immediately after application. Follow spray equipment manufacturer’s guidelines on clean up and maintenance of spray equipment.

For specific Safety and Health information, please refer to Safety Data Sheet.