

HyKote™ 5000

LOW VOC SEBS ROOF COATING



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A low-VOC, flexible, high-performance, puncture-resistant roof coating made from styrene ethylene butylene styrene (SEBS). This ready-to-use, single-component product is ideal for restoration applications on low-slope commercial roofs, offering enhanced durability and protection.

Product Highlights

- **Low VOC (Volatile Organic Compounds)** – Coatings contribute less to poor air quality which can have a detrimental effect on the public's health, as well as the environment.
- **Versatile** – An easy-to-install, effective low slope roof restoration coating system that provides a resilient but lower cost solution to complete roof replacement.
- **Durable** – High tear and puncture resistance.
- **Flexible** – High elasticity characteristics that allow for conformation to building movement.
- **Energy Savings** – HyKote SEBS coatings are highly reflective, even complying with Title 24, Part 6 SRI standards to potentially provide building energy savings.
- **Water-Resistant** – HyKote SEBS coatings are formulated to provide maximum water resistance and due to their ultra-low moisture permeability, these coatings outperform acrylic coatings in their resistance to ponding or pooling water.

STOCK #(S):

50-RF-WH-05, 50-RF-WH-50, 50-RF-BL-05, 50-RF-BL-50, 50-RF-LG-05, 50-RF-LG-50

COLOR(S):

White, Black, and Light Gray
Custom or special-order colors may be requested based on availability.

SIZE(S)/PACKAGING:

5-gallon pails and 50-gallon drums.

SUBSTRATES:

Granule-surfaced SBS or APP Modified Bitumen roofing membrane, galvanized metal, and may also be used on plywood, concrete, and BUR.

For questions about application over other substrates, please contact the Technical Services department.



Surface Preparation:

- Surface must be dry, clean, and free from dirt, loose rust and foreign substances.
- Certain surfaces may require abrading, scraping, or pickling to ensure proper adhesion.
- Prime substrate using an appropriate HyKote Primer.

Application Methods:

- Apply product using appropriate spray equipment (preferred method) or product may be rolled with a smooth-medium (1/4-inch to 3/8-inch nap) roller or soft brush at ambient temperatures above 40°F (4°C).
- If spraying, remove all filters from spray unit or spray guns.
- Use heavy-duty (XHD) tips without a diffuser or atomizer bar.
- Tip sizes range from 625 to 633 and 725 to 733.
- Tips may need to be adjusted depending on slope and product.
- *Note that it is always recommended to use a sprayer when a primer was applied to the substrate prior to coating application.*

Installation:

- Stir material thoroughly (summer and winter) prior to application. Always mix (stir) from bottom to top using a paddle type mixer making sure to keep the paddle under the surface to cut down on air infusion and potential air bubbles.
- Hold spray wand during application no higher than 12 inches from target substrate with 50% overlap and allow product to “FLOW” AND “SELF-LEVEL”.
- Always spray at a straight “up and down” or 90-degree angle to enhance performance.
- Always remix product after any application work stoppage of 20 minutes or more to ensure critical additives stay in suspension.

Minimum Coverage Rate:

- Apply in two coats at a minimum of 21 wet mils per coat (1.5 gallons per 100 sq. ft. per coat) for low slope surfaces.
- The combined two (2) coats result in a finished coating at a minimum of 21 dry mils.
- Vertical surfaces typically take 3 coats at 14 wet mils per coat to properly build final millage.
- One five-gallon pail covers 166 sq. ft. in two coats per above. One 50-gallon drum covers 1,666 sq. ft. in two coats per above.

Clean Up:

Clean spray equipment, brushes, rollers and tools using regular mineral spirits.

For questions about application or equipment, please contact the Technical Services department.

Storage and Handling:

Maintain materials in their original unopened containers with all labels intact and legible. Store containers on pallets in a covered or protected area. **Store in areas where maximum temperature does not exceed 90° F (32° C) and at a minimum of 40° F (4° C). Never store drums in an open environment without using a proper protective moisture-proof covering, as condensation or rain, under certain conditions, may infiltrate and contaminate the drum contents through the “bung” and ring areas. KEEP OUT OF REACH OF CHILDREN. KEEP AWAY FROM FLAME OR ANY OTHER SOURCE OF IGNITION.**

For additional safety and health information, refer to the Safety Data Sheet for this product.

Technical Information:

PHYSICAL PROPERTIES	
Weight, lbs./gal:	9
Solids (% by weight):	42
Viscosity @ 77° F, cps:	6,000 +/-500
VOC:	<90 g/L
Solar Reflectance Index - SRI (white only):	106 (initial), 91 (3 years)
Drying Time:	2-4 hours (typical) optimal weather conditions before recoating and 4-6 hours in non-optimal weather.
Shelf Life (unopened container properly stored):	2 years
PERFORMANCE PROPERTIES (FILM)	
Initial Elongation @73° F, %:	1,018
Initial Tensile Strength @ 73° F, psi:	1,700
Permeance, perms:	< 1.0
Water Swelling, Mass %:	< 1.0
Low Temperature Flex after 1000 hrs. accelerated weathering:	Pass
Appearance after 1000 hrs. accelerated weathering:	Pass
Approvals	
*ANSI/UL 790 Test for Fire Resistance of Roof Coating Materials	
CRRC listed	

Unless otherwise stated, results are per ASTM D 6083 laboratory testing. Tested with, and without, primer. VOC testing above has been verified by 3rd party independent laboratory testing. Results may vary so please contact the Technical Services department for detail.

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