

Description:

Part Numbers

10-SPMS-AL-05, 10-SPMS-AL-50

HyKote™ 1000 Sprayable Mastic

A flexible, high performance, watertight, puncture resistant ready-to-use single component fluid-applied styrene ethylene butylene styrene (SEBS) liquid resin used in various restoration and waterproofing applications.



Product Highlights:

- HyKote™ 1000 Sprayable Mastic incorporates high performance micro-fiber reinforcement technology to maximize strength and durability properties. When spray applied, it will mold into a strong, monolithic, self-flashing and reinforced waterproofing membrane to be utilized in roofing restoration applications and repairs.
- Metal roofs (reinforced and non-reinforced), at vertical seams, fastener heads, penetrations, flashings (less than 90° angle changes), and as necessary.
- Restoration repair and reinforcement of expansion joints, transitions, and curbs (less than 90° angle changes).
- Repairs (reinforced as necessary).
- Flashings (reinforced).
- Seam repair (reinforced and non-reinforced).
- Filling in of asphalt patch dehydration cracks (aka Alligatoring). \buildup of uneven surfaces – slope for drains

Application:

Apply product using appropriate spray equipment (preferred method) or product may be rolled with a smooth-medium nap roller or soft brush at ambient temperatures above 40°F (4°C). 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. 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° angle to enhance performance. Always remix product after any application work stoppage of **20 minutes or more** to ensure critical additives stay in suspension.

Coverage Rate

Approximately 80 linear ft/gal of 4” wide BAND @ 42 mils thickness depth depending on substrate. 80 linear ft/gal for vertical seams on metal roofs. Fastener en-capsulation rate at approx. 250 individual units per gallon with a spray dollop on each unit.

Repairs

For blisters, extreme membrane separation (greater than 3/16”) or severely damaged repair areas, utilize HyKote™ 1000 Sprayable Mastic and a high performance polyester fleece scrim.

Packaging:

- Almond color
- 5 Gallon pail, and 50 Gallon Drums

Substrates:

- EPDM, EIFS, Hypalon®, KEE (Elvaloy®), SPF, PVC, TPO, Galvanized Metal, Plywood, Concrete, Kynar, Aluminum, Smooth Surfaced Coal Tar BUR, Granulated Surfaced SBS, or APP Modified Bitumen, Smooth Surfaced Asphalt BUR

Drying Time

2–4 hours (typical) in optimal weather conditions before recoating.

4–6 hours (typical) in non-optimal weather conditions before recoating.

Clean-Up

Clean equipment, brushes, rollers, and tools using Regular Mineral Spirits.



Technical Information:

PHYSICAL PROPERTIES	
Viscosity (cps)	19,000= +/- 500
Odor	Low Aromatic (Masked)
Density @ 77° F	8.0 lb/gal =/- 0.05
Shelf Life (in unopened container)	2 years

Roof Inspections

Inspections may include a pre-application technical field evaluation for determination of the acceptability of the substrate. An adhesion test may be required to ensure compatibility with the existing substrate. At the conclusion of the project a final inspection may be conducted.



Tools & Equipment

Follow personal protective equipment requirements as listed on material SDS. Utilize appropriate OSHA safety equipment. Drum and/or pail 4" wide heat bands or heat exchanger, wet mil gauge, infrared thermometer, digital moisture meter, and paddle type mixer are required. Use a smooth-medium (1/4" – 3/8" nap) roller if rolling. Spray application is the preferred method for all sprayable materials. Use a Graco 733, Graco 833, (3 gpm output & displacement pump of 3500 psi) or similar equipment with appropriate tips. Recommend use of 1/2" hose with a 3/8" whip. Use tarpaulins or other durable materials to protect adjacent areas from damage.

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Roof Restoration–Project Overview

For specific detailed information refer to the HyKote™ material substrate specification.

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 and at a minimum of 40°F. Never store drums in an open environment without using 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 & health information, refer to the SDS for this product.

Applicator Qualifications

All HyKote™ certified applicators are thoroughly trained by the Manufacturer in all aspects of use and application of materials. Certification credentials are issued upon completion of training activities.

Surface Preparation

Surface must be dry, clean, and free from dirt, loose rust and foreign substances. Certain surfaces may require power washing starting @ range up to 3750–4000 psi for metal and decreasing psi depending on substrate and/or conditions. Utilize wire brushing to remove loose mill scale, biomass, expended paint or coatings, corrosion or any other loose or foreign particulate. Certain surfaces may require abrading, scraping, or pickling to ensure proper adhesion. Certain surfaces must be cleaned and primed with a Manufacturer approved product. Existing target surface will dictate need for implementation of abrading and priming procedures.