



PRODUCT DATA SHEET

ElastiKote® 1000 Labor Sav 'R Mastic

5-2-2012

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DESCRIPTION

ElastiKote® 1000 Labor Sav 'R Mastic is a flexible, high performance, watertight, puncture resistant ready-to-use single component fluid-applied styrene ethylene butylene styrene (SEBS) liquid resin. It is used in various restoration and waterproofing liquid applied membrane applications. (*product is designed to conserve labor expense*) Elastikote 1000 Labor Sav 'R Mastic incorporates special high performance reinforcement fibers to increase strain energy properties. No additional reinforcement scrim is needed to form a monolithic, self-flashing and self-adhering reinforced waterproofing membrane for a variety of roofing recovery applications, such as:

EPDM	Granular surfaced SBS modified bitumen	Hypalon®	APP	KEE (Elvaloy®)
PVC	Smooth Surfaced Asphalt BUR	Galvanized metal	Kynar®	Plywood
TPO	Smooth Surfaced Coal Tar Pitch BUR	Spray Polyurethane Foam		Concrete

ElastiKote Labor Sav 'R Mastic can be utilized in the following applications:

- Metal roofs, at seams, penetrations, flashings (@ 90° angles)
- Restoration repair and reinforcement of expansion joints, transitions, curbs and flashings, vertical and horizontal seams
- Pitch pockets
- Single Ply, Modified Bitumen, EPDM, and Built Up Roof (BUR) seam repair
- Excellent choice for maintenance leak repair

To promote long lasting protection, Elastikote 1000 Labor Sav 'R Mastic is formulated to minimize ozone and UV radiation degradation vulnerability. Elastikote 1000 Labor Sav 'R Mastic is available in white or silver in 2.5 or 5-gallon resealable pails or 50-gallon (net by weight) drums. Elastikote 1000 Labor Sav 'R Mastic is manufactured in our ISO 9001:2008 Registered facility located in Smithville, Ohio.

TECHNICAL INFORMATION

Physical Properties

Viscosity (cps).....	400,000 +/- 50,000
Odor.....	Low aromatic (masked)
Density at 77° F.....	7.5 lb/gal +/- 0.5
UV Resistant.....	Yes
Application.....	Caulking tube assembly, Brush or Trowel
Coverage.....	22 – 26 sq ft/ gal

Approx. 45 – 50 linear ft/gal of 4" wide BAND by 3/16" depth depending on substrate

For proper maximum strength always apply at a minimum thickness of 3/16" wet.

Typical Mastic Application



www.elastikote.com

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Roof Restoration–Project Overview For specific detailed information refer to the Elastikote material substrate specification. Details below are for use with the Elastikote Labor Sav 'R Mastic.

Storage and Handling

Maintain materials in their original unopened containers with all labels intact and legible. Shelf life is 2 years in original unopened containers. Storing containers above the recommended temperatures (i.e., exposure to direct sunlight) may reduce the products' shelf life. The resin may polymerize at temperatures above 140°F (60°C). **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 MSDS for this product.

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.

Contractor Qualification

All contractors installing Elastikote materials 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 and wire brushing to remove loose mill scale, biomass, expended paint or coatings, corrosion or any other loose or foreign particulate. All termination bars, including fastener heads, must be coated with either Elastikote SEBS Mastic or Sprayable Mastic. All batten bar fastener heads must be also treated with Labor Sav 'R mastic prior to any coating application. Spun-laced high performance polyester reinforcement scrim in conjunction with Elastikote 1000 SEBS Mastic is to be used in lieu of Labor Sav 'R at all change of plane junctures, expansion joints, penetrations, curbs, projections, repairs, and seams greater than 3/16" in width.

Application

Prior to application, always ensure substrate is totally dry with no ice, dew, frost or any other type of moisture present. Priming may be needed. Always refer to guidelines in the Elastikote material substrate specification.

ElastiKote 1000 Labor Sav 'R Mastic must be heated to 80°F – 120°F with 4" heat bands to ensure proper viscosity for maximum performance of applied product in both **warm and cold weather.**

Material Heating Guide

*ElastiKote Labor Sav 'R Mastic application temperature (top)												
**Target substrate temperature (bottom)												
*120	95	90	85	80								
**40	50	60	70	80	90	100	110	120	130	140	150	160

Stir heated material (summer & winter) thoroughly prior to application. Always mix (stir) from bottom to top using a paddle type mixer. Be diligent that paddle sweeps actual bottom of drum.

Apply product using a medium nap roller, stiff bristled brush, square edge trowel, or caulking tube assembly at ambient temperatures above 40°F (4°C). Always remix product after any application work stoppage of **20 minutes or more** to ensure critical additive products stay in suspension.

Repairs

For cracks, and penetrations that are a *maximum* of 3/16" wide or less, it is acceptable to repair such by application of Elastikote 1000 Labor Sav 'R Mastic product applied at a *minimum* thickness of 3/16" and a minimum width of 4" wide.

To ensure proper reinforcement at flashings and change of plane areas that are less than 90°, utilize either SEBS Mastic or Sprayable Mastic. For 90° angles always use Labor Sav 'R Mastic.

Minimum Suggested Coverage Rate

Surface dictates actual rate. Refer to guidelines in the Elastikote material substrate specification.

A minimum of 22–26 sq ft per gallon of Elastikote Labor Sav 'R Mastic.

Approx. 45 – 50 linear ft/gal of 4" wide BAND by 3/16" depth depending on substrate.



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Labor Sav 'R mastic may be an acceptable alternative on a case-by-case basis with Manufacturer approval. Certain surfaces may require abrading, scraping, or pickling to ensure proper adhesion. Certain surfaces must be primed and cleaned with a Manufacturer approved product. Existing target surface will dictate need for implementation of abrading and priming procedures. All fasteners must be checked and tightened (or properly replaced).

Tools & Equipment

Follow personal protective equipment requirements as listed on material MSDS. Utilize appropriate OSHA safety equipment. Drum and/or pail 4" heat bands, infrared thermometer, wet mil gauge, and paddle type mixer are required. 1-2 & 4-6-inch brushes or roller may be used to apply ElastiKote Mastic products. Use a smooth-medium nap roller if rolling. A 2" – 4" square edged trowel may be used for seams. A brush is also recommended for vertical seams, flashings, and non-typical configurations. A caulking tube assembly may be used for SEBS or Labor Sav 'R Mastic products.

Drying Time

Minimum dry time of 4–6 hours (typical) before recoating in optimal weather conditions. Anticipate a longer drying time in non-optimal weather conditions.

Do not allow any flexing or foot traffic for at least 24 hours or curing mastic may rupture.

Clean-Up

Clean equipment, brushes, rollers, and tools using regular mineral spirits before the product cures (within pot life of product – approximately 15 minutes).

ElastiKote 1000 Labor Sav 'R Mastic Part Numbers

10-LSMS-WH-2.5	White 2.5 gal pail
10-LSMS-WH-05	White 5.0 gal pail
10-LSMS-WH-50	White 50 gal drum
10-LSMS-SI-2.5	Silver 2.5 gal pail
10-LSMS-SI-05	Silver 5.0 gal pail
10-LSMS-SI-50	Silver 50 gal drum

