PRODUCT DATA SHEET
ElastiKote 5000 Labor Sav'R™ Mastic

Elastikote®
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Part Number
55-LSMS-WH-2.5
50-LSMS-WH-05
50-LSMS-WH-50
50-LSMS-SI-2.5
50-LSMS-SI-05
50-LSMS-SI-50

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DESCRIPTION

ElastiKote 5000 Labor Sav'R™ Mastic is an environmentally responsible low VOC, flexible, high performance, watertight, puncture resistant ready-to-use single component reinforced 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 5000 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®	KEE (Elvaloy®)
PVC	Smooth Surfaced Asphalt BUR	Galvanized Metal	Plywood
TPO	Smooth Surfaced Coal Tar Pitch BUR	Spray Polyurethane Foam	Concrete

ElastiKote 5000 Labor Sav'R Mastic can be utilized in the following applications:

- Excellent choice for stand-alone maintenance leak repair
- 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

To promote long lasting protection, ElastiKote 5000 Labor Sav'R Mastic is formulated to minimize ozone and UV radiation degradation vulnerability. ElastiKote 5000 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 5000 Labor Sav'R Mastic is manufactured in our ISO 9001:2008 Registered facility located in Seville, Ohio.

TECHNICAL INFORMATION

Physical Properties

Viscosity (cps)……..	400,000 +/- 50,000
VOC……	<50 g/l
Odor……..	Low aromatic (masked)
Density at 77° F……	7.5 lb/gal +/- 0.5
UV Resistant……	Yes
Permeance…..……..….	2.88 perms
Application…….	Caulking tube assembly, Brush Roller, or Trowel
Coverage……..	22 – 26 sq ft/ gal

White & Silver

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 Labor Sav'R Mastic Roller Application

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For specific detailed information refer to the ElastiKote material substrate specification.
Roof Restoration–Project Overview

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.

Applicator Qualifications
All Elastikote 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 and wire brushing to remove loose mill scale, biomass, expended paint or coatings, corrosion or any other loose or foreign particulate. All termination bars and batten bars, including fastener heads, must be coated with Labor Sav'R Mastic prior to any coating application. Apply a 2" overlap coating. Spun-laced high performance polyester reinforcement scrim in conjunction with ElastiKote 5000 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. 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" wide heat bands, wet mil gauge, infrared thermometer, digital moisture meter, and paddle type mixer are required. 1–2 & 4–6-inch soft brushes or smooth-medium (1/4" – 3/8" nap) roller may be used. A 2"– 4" square edged trowel may be used for seams. Brushing is recommended for vertical seams, flashings, and non-typical configurations. A caulking tube assembly may also be used. Use tarpaulins or other durable materials to protect adjacent areas from damage.

Material Preparation
ElastiKote 5000 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

* EK 5000 Labor Sav'R Mastic application temp. (top)													
**Target substrate temperature (bottom)													
*120	110	100		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 container.

To best work efficiently, keep two or three 5–gallon pails or two 50–gallon drums heating and/or stirring ahead of crew. Heating a 5–gal pail from 70˚F to 100˚F with one 4" wide heat band on max (#10 setting) should require approximately 10 minutes plus an additional 5 minutes to mix. Heating a 50–gallon drum from 70˚F to 100˚F with two 4" wide bands heaters on max (#10 setting) should take approximately 30 – 40 minutes.

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. Apply product using a smooth-medium nap roller, soft 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 5000 Labor Sav'R Mastic applied at a *minimum* thickness of 3/16" and a minimum width of 4" wide.

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Typical Labor Sav'R Mastic Applications

Trowel Application

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.

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).