

## A Heavily Fibrated Asphalt Roof Cement for General Roof Repair

**Composition:** ELS™ is an asphalt-based, heavily fibrated roof cement blended with penetrating oils and plasticizing agents. ELS is asbestos free and complies with ASTM D 4586, Type II, Class I, the Standard Specification for Asphalt Roof Cement, Asbestos-Free.

**Basic Uses:** ELS is used in the repair and restoration of flashings and asphalt built-up roofing defects including blisters, cracks, and punctures. It is also used for adhering new asphalt ply and modified bitumen membrane flashings. Added strength can be obtained by using reinforcing fabrics.

**Limitations:** Not intended for use as a patching material in wet areas.

Not for use on coal tar membranes.

**Packaging:** ELS is available in 5 gallon containers.

**Grade:** Trowel

**Storage Life:** One year

**Application Data:** Remove loose gravel, dirt, dust, rotted felts, and foreign matter.

Apply over clean, sound, dry base. Embed a reinforcing fabric or mesh, such as BURmesh, when using ELS to make roof repairs or to strip over the top of flashing laps.

**Coverage:** 12 sq. ft./gal in a single troweled layer at approximately 1/8" (3 mm) thickness, or 25 ft<sup>2</sup> per 5 gallon pail in a 3 course (mastic, reinforcement, mastic) application. Rates will vary depending on ambient temperature and actual surface conditions.

**Precautions:** Users must read container labels and Material Safety Data Sheets for health and safety precautions prior to use.

**Availability and Cost:** Contact your local Tremco Roofing Representative for pricing and availability. For the name and number of your Representative, call the Roofing Division at 216/292-5000.

**Maintenance:** Your local Tremco Roofing Representative can provide you with effective maintenance procedures which may vary, depending upon specific conditions. Periodic inspections, early repairs and preventive maintenance are all part of a sound roof program.

**Guarantee/Warranty:** Tremco Inc. warrants ELS to be free of defects and to meet published physical properties when tested according to ASTM and Tremco standards. Under this warranty, any ELS product that is proved to be defective when applied in accordance to our written instructions, and in applications recommended by Tremco as suitable for this product will be replaced with like product at no charge. THIS IS BUYERS SOLE AND EXCLUSIVE REMEDY.

| Product Advantages  |                                      |
|---------------------|--------------------------------------|
| Features            | Benefits                             |
| Sag resistant       | • Can be used on vertical repairs    |
| Fibrated            | • Increases durability and longevity |
| Plasticizing agents | • Readily troweled and formed        |
| Asbestos free       | • Reduces future asbestos liability  |
| UL classified       | • Fire protection                    |

# TREMCO

Roofing & Weatherproofing Peace of Mind™

All claims concerning product defects must be made in writing within twelve (12) months of shipment. The absence of such claims in writing during this period will constitute a waiver of all claims with respect to such product.

This warranty shall be IN LIEU OF any other warranty, express or implied, including but not limited to, any implied warranty of MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

**Technical Services:** Your local Tremco Representative, working with the Technical Service Staff, can help analyze conditions and needs to develop recommendations for special applications. The services of the Tremco Research Center, which has earned a unique reputation in weatherproofing technology, complement and extend the services of the Tremco Technical Service staff.

**Statement of Policy and Responsibility:**

Tremco takes responsibility for furnishing quality materials and for providing specifications and recommendations for their proper installation.

As neither Tremco itself nor its Representatives practice architecture or engineering, Tremco offers no opinion on, and expressly disclaims any responsibility for the soundness of any structure on which its products may be applied. If questions arise as to the soundness of a structure or its ability to support a planned installation properly, the Owner should obtain the opinion of competent structural engineers before proceeding. Tremco accepts no liability for any structural failure or for resultant damages, and no Tremco Representative is authorized to vary this disclaimer.

| <b>Physical Performance Characteristics</b> |   |                    |
|---|---|--------------------|
| <b>ELSTM</b>                                |   |                    |
| <b>Property</b>                             | <b>Typical Value</b>  | <b>Test Method</b> |
| Asbestos content                            | None  | ASTM D 276-        |
| Viscosity @ 77° F (25° C)                   | 480,000-1,000,000 cP (480-1,000 Pa*s)                         | ASTM D 2196        |
| Density @ 77° F (25° C)                     | 9.5 lbs/gal (1.15 kg/L)                                       | ASTM D 1475        |
| Non-volatile matter                         | 85%   | ASTM D 4586        |
| Resistance to sag                           | 1/8 in. (3 mm)  | ASTM D 4586        |
| Moisture vapor transmission rate            | 0.10-0.40 g/100 in <sup>2</sup> /24 hrs @ 0.020 in. thickness | ASTM E 398         |



3735 Green Road  
Beachwood, OH 44122  
216-292-5000

220 Wicksteed Ave  
Toronto, ONT M4H 1G7  
416-421-3300