

## LM-85 SSL

Semi-Self-Leveling Flood Coat Liquid Membrane

## Product Data Sheet

### PRODUCT NAME LM-85 SSL

### MANUFACTURER

Polyguard Products, Inc.  
Ennis, TX 75119  
(214) 515-5000  
[www.polyguard.com](http://www.polyguard.com)

### PRODUCT DESCRIPTION

#### BASIC USES

LM-85 SSL is a semi-self-leveling liquid waterproofing membrane designed for use on new and repaired concrete horizontal surfaces.

#### COMPOSITION AND MATERIALS

LM-85 SSL is a two-component, semi-self-leveling, asphalt-modified, urethane material.

It is a 100% solids, solvent-free, black, pourable liquid membrane.

#### TECHNICAL DATA

Polyguard Products, Inc. provides design data and installation instructions to architects, engineers, specifiers, and contractors.

#### INSTALLATION

Apply LM-85 SSL in ambient and surface temperatures of 40°F (5°C) and rising. Coverage rate is approximately 26 square feet per gallon at 60 wet mils.

Apply LM-85 SSL to clean, dry concrete that has been cured for a minimum of 7 days. Accelerated curing, caused by direct sunlight or excess moisture in the substrate, can cause bubbling and cratering of the material. Reapply LM-85 SSL to open bubble craters that haven't self-leveled prior to hard set. Best results are achieved by applying LM-85 SSL when the substrate surface and ambient temperatures are stable, or falling, and the installation area will be out of direct sunlight during the cure time.

Remove oil and other contaminants on all surfaces that will interface with the LM-85 SSL with isopropyl alcohol.

For best results and lower viscosity, warm-up both LM-85 SSL components A and B between 50°F (24°C) and 95°F (35°C) prior to mixing. The two pre-measured components of the LM-85 SSL must be mixed as a complete kit. For the 2-gallon kit, use a 1/2-inch drill with all-steel 2 1/2-gallon spiral mixer for smaller project quantities. For the 5-gallon kit, use an all-steel 5-gallon spiral mixer for larger project quantities. When using the all-steel 2 1/2-gallon spiral mixer, mix component A thoroughly for 4-1/2 to 5 minutes, then add component B to component A and thoroughly mix for an additional 3 minutes. When using the all-steel 5-gallon spiral mixer, mix component A

thoroughly for 3 minutes, then add component B to component A and thoroughly mix for an additional 2 minutes. DO NOT APPLY ANY MATERIAL IF STREAKS CAN BE SEEN DUE TO INSUFFICIENT MIXING.

Once LM-85 SSL is mixed, apply with a squeegee or trowel within 45 minutes. Curing time may be accelerated at high ambient and substrate surface temperatures. Once the unused material has started to thicken, it must be discarded. The applied (used) material will cure to a very flexible, rubber-like material.

Potable life at 75°F (24°C) and 50% relative humidity is approximately 45 minutes, longer for cooler temperatures and higher humidity and shorter for hotter temperatures and lower humidity. Discard material that won't flow freely.

#### STORAGE

Store LM-85 SSL in temperatures between 40°F (5°C) and 80°F (27°C). If at any time in storage the Part B has been frozen, it must be discarded and replaced.

Clean material from tools and application equipment with mineral spirits before the LM-85 SSL mixture residue cures.

Clean skin with a citrus-based cleaner.

Refer to SDS document for further handling information.

#### SAFETY

SDS documents for all Polyguard products can be obtained at our website [www.polyguard.com](http://www.polyguard.com). Call Polyguard Products, Inc. at 214.515.5000 with questions.

#### WARRANTY

We, the manufacturer, warrant only that this product is free of defects, since many factors which affect the results obtained from this product are beyond our control; such as weather, workmanship, equipment utilized and prior condition of the substrate. We will replace at no charge product proved to be defective within twelve (12) months of purchase, provided it has been applied in accordance with our written directions for uses we recommended as suitable for this product. Proof of purchase must be provided. A five (5) year material or system warranty may be available upon request. Contact Polyguard Products, Inc. for further details.

#### TECHNICAL SERVICES

Technical assistance, information and Polyguard's products are available through a nationwide network of distributors and architectural representatives, or contact Polyguard Products, Inc.  
P.O. Box 755, Ennis, TX 75120-0755  
Sales: (615) 217-6061 • Tech Support: (214) 515-5000  
Email: [archtech@polyguard.com](mailto:archtech@polyguard.com)  
Website: [www.polyguard.com](http://www.polyguard.com)

PACKAGING	PART NUMBER	UNIT SIZE
LM-85 SSL (A & B yields 4.6 Gallons) 5-Gallon	LM85-5 SSL	5 gallon pail
LM-85 SSL (A & B yields 1.66 Gallons) 2-Gallon	LM85-2 SSL	2 gallon pail

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