

LM-95

Two-Component Fast Cure Urethane Waterproofing Membrane

Product Data Sheet

PRODUCT NAME LM-95

MANUFACTURER

Polyguard Products, Inc.
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PRODUCT DESCRIPTION

LM-95 is a two-component, asphalt-modified, urethane material.

BASIC USES

LM-95 is designed to be used with Polyguard Membranes for several different types of detailing applications. It may be used as a fillet at the junction of the footing and foundation, a collar around drain detailing area, and a termination flashing material for protrusions through the waterproofing system. It can also be used for terminations and flashings to curbs and parapets on plaza decks or other similar horizontal applications.

COMPOSITION AND MATERIALS

LM-95 is a two-component, asphalt-modified, urethane material.

TECHNICAL DATA

See physical properties table.

INSTALLATION

Apply LM-95 in ambient and surface temperatures of 40°F (5°C) and rising. Coverage of one gallon of LM-95 is approximately:

- Flashings: 17 square feet
- Fillet & Reinforcement: 14 linear feet
- Fillet Only: 65 linear feet

When working with materials in these cold temperatures, store the LM-95 in a warm area or warm-up before the mixing and application. All surfaces to receive LM-95 must be free of contaminants and dry for the application. Areas to receive LM-95 should not be primed for the membrane.

For best results and lower viscosity, warm-up both LM-95 components A and B between 50°F (24°C) to 95°F (35°C) prior to mixing. To mix the two pre-measured components of the LM-95, using a 1/2-inch drill with an all-steel 2 1/2-gallon spiral mixer: mix component A thoroughly for 3 minutes, add component B to component A; thoroughly mix for an additional 2 minutes. **DO NOT APPLY ANY MATERIAL IF STREAKS CAN BE SEEN DUE TO INSUFFICIENT MIXING.**

Once LM-95 is mixed, it may be applied with a trowel or a bulk caulking gun within 45 minutes. Curing time may be accelerated at high temperatures. Once the material has started to thicken, it must be discarded. The 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.

The 650 Waterproofing Membrane may be applied directly over LM-95 before it is cured. LM-95 must be applied in a minimum of 90 mils of coverage, unless otherwise noted on any details. In a reinforcing or fillet application at footing and wall junction, under the 650 Waterproofing System, it should be applied with a minimum of 3/4-inch face. LM-95 may also be applied as a waterproofing detailing material in this junction, 6-inches in all directions from the corner.

When used as a flashing at membrane terminations, LM-95 must be applied a minimum of 2-inches over the waterproofing membrane and a minimum of 1-inch onto the surface being waterproofed.

LM-95 will adhere to primed or unprimed concrete but unprimed concrete is preferred.

Before any flood testing should occur, a minimum cure of 3 hours must be allowed for LM-95.

STORAGE

Store LM-95 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-95 material residue cures.

Clean skin with a citrus-based cleaner.

Refer to SDS document for further handling information.

SAFETY

SDS sheets for all Polyguard products can be obtained at our website 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.

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PROPERTY	TEST METHOD	TYPICAL VALUE
PART A		
COLOR		Black
SPECIFIC GRAVITY	ASTM D 70	1.29
FLASH POINT (C.O.C.)	ASTM D 92	> 500°F
PART B		
COLOR		Brown
SPECIFIC GRAVITY	ASTM D 70	1.20
FLASH POINT (S.C.C.)	ASTM D 3278	> 375°F
PART A & B MIXTURE		
VISCOSITY @ 80°F BROOKFIELD @ 20 RPM	ASTM D 2196	61
SOLIDS CONTENT	ASTM D 1754	100%

PACKAGING	PART NUMBER	UNIT SIZE
LM-95 (A & B yields 1.64 Gallons)	LM952	2 gallon pail

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