

POLYroof LV

A High Performance One-Part Roof Elastomer

FEATURES

- Unique blend
- Outstanding elongation and recovery
- One step application
- Excellent workability
- Tenacious bond
- UL approved

BENEFITS

- Repair both tar and asphalt roofs
- Accommodates cyclical movement to reduce likelihood of roof splits/tears
- Labor and time saving
- Trowel grade. Can be applied by in-house crews
- Repair remains adhered even in difficult applications
- Fire protection

DESCRIPTION

POLYroof® LV is a single-component roof elastomer formulated from polymers, plasticizers, and selected additives. It is carefully blended to ensure elasticity, weather resistance, and durability with ease of application. POLYroof LV is asbestos free.

BASIC USES

POLYroof LV is designed to weatherproof moving elements of a roof assembly such as edge details, metal lap joints, splits, cracks, and projections.

Polyroof LV is suitable for use over both asphalt and tar roof membrane surfaces. Reinforcing membrane can be incorporated into application.

GRADE

Trowel

PACKAGING

POLYroof LV is available in 3 and 5 gallon (11.3 and 19 L) containers.

STORAGE

Storage Life: One year in unopened containers.

APPLICATION

Remove loose gravel, dirt, dust, rotted felt, and foreign matter. Apply over clean, sound, dry base. Prime bare metal with TREMprime QD or TREMprime WB.

COVERAGE RATE

Approximately 0.3 m²/L (11 ft²/gal). Rates will vary depending on ambient temperature and actual surface conditions.

LIMITATIONS

- Not intended for use as a wet patching material
- Priming required on non-bituminous surfaces.
- Not for use with PVC roof membranes
- Surfaces must be clean and dry.

PHYSICAL PROPERTIES

PROPERTY	TYPICAL VALUE	TEST METHOD
Asbestos content	None	EPA/600/R-93/116
VOC*	300 g/L, max	ASTM D 3960-89
Viscosity @ 25°C (77°F)	600-2,000 Pa.s (600,000-2,000,000 cP)	ASTM D 2196-86
Density @ 25°C (77°F)	8.1 lb/gal (970 kg/m ³)	ASTM D 1475-85
Nonvolatile matter	70%	ASTM D 4586-86
Tensile strength @ 25°C (77°F)	207-690 kPa (30 - 100 psi) @ 100% elongation	ASTM D 412-87
Elongation @ 25°C (77°F)	1,000%	ASTM D 412-87
@ -34°C (-30°F)	100%	ASTM D 412-87
Recovery from 500% elongation	90% min.	ASTM D 412-87
Moisture vapor transmission rate	0.42 g/100 in ² /24 hrs	ASTM F-1249-90
Behavior @ 60°C (140°F)	6 mm (max.) (1/4 in. max.)	ASTM D 4586-86
(Sag Resistance)		
Flexibility @ -40°C (-40°F)	No cracking	ASTM D-3111-88

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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.

PRECAUTIONS

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

TECHNICAL SUPPORT

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 service of the Tremco Service Staff.



www.tremcoroofing.com
3735 Green Road
Beachwood, Ohio 44122
1.800.852.6013

220 Wicksteed Avenue
Toronto, Ontario, M4H 1G7
1.800.668.9879

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