

Polyroof LV

One Part, High Performance, Bitumen Based Elastomer Mastic

PRODUCT DESCRIPTION

Polyroof LV is a single-component, roof elastomer mastic formulated to ensure elasticity, weather resistance, and durability with ease of application.

USAGE/PURPOSE

Polyroof is designed to weatherproof moving elements of a roof assembly such as:

- Edge Details
- Metal Lap Joints
- Splits
- Cracks and Path Repairs
- Penetrations
- Projections
- Sealing of Ballast Stops
- General Roof Repair

FEATURES & BENEFITS

- Unique blend of bitumen polymers provides flexibility for repairing both tar and bitumen-based roof membranes.
- Over 700% elongation helps accommodate cyclic movement in roofing joints and reduces the likelihood of roof splits/tears reoccurring.
- Excellent workability and trowel grade consistency gives the installer flexibility in the types of repairs and other applications it can be used for.
- Tenacious bond helps ensure that repairs made using Polyroof LV are durable and last, even in challenging applications.

PACKAGING

318ml Cartridges - 30 per box

COLOURS

Black

SHELF LIFE

12 months when stored as recommended in original unopened packaging.

STORAGE

Store in a dry cool place in original unopened packaging.

LIMITATIONS

- Not intended for use as a wet patching material.
- Priming may be necessary on non-bituminous surfaces.
- Not for use with PVC roofing membranes or EPDM surfaces.

TYPICAL PHYSICAL PROPERTIES

PROPERTY	TEST METHOD	TYPICAL VALUES
Tensile Strength	ASTM D412	Up to 0.7 MPa
% Elongation	ASTM D412	700%
Moisture Vapour Transmission Rate	ASTM E96	0.42 g/s/m ²
Flexibility @ -40°C	ASTM D3111	No Cracking

SUBSTRATE PREPARATION

- All surfaces must be clean, sound & free from dust, oil, rust, release agents or any other contamination.
- For plastics, contact Tremco for a recommended cleaning solvent.

COVERAGE RATE

The following is a theoretical guide to estimate material usage. This does not account for material wastage on-site or reduced coverage due to substrate porosity/aggregate profile:

COVERAGE RATE		THICKNESS	
0.3m ² /LT	5.67m ² /PAIL	3.3mm WFT	2.3mm DFT



METHOD OF APPLICATION

- Apply in a 45° fillet around any penetrations in order to shed water away from the penetration to membrane junction.
- Apply on any patch repair or other detail area a minimum of 3 mm thick, and 150 mm past any repairs, onto good, sound membrane.

CLEAN UP

- Excess polyroof LV and smears next to the joint interface can be carefully removed with Tremco Xylol before the Polyroof LV cures.
- Tremco Xylol or Xylene must not be used to clean Polyroof LV that has been applied over bituminous substrates.
- Any utensils used for tooling can also be cleaned with solvents such as Tremco Xylol, Mineral Spirits or White Spirits, which can be sourced at your local hardware store.

HEALTH & SAFETY PRECAUTIONS

The Safety Data Sheet (SDS) must be read and understood prior to use.

TECHNICAL SERVICE

Tremco CPG Australia Pty Ltd has a team of Representatives who provide assistance in the selection and specification of products. For more detailed information or service and advice, call Customer Service on (02) 9638 2755 or fax (02) 9638 2955.

GUARANTEE/WARRANTY

Tremco CPG Australia Pty Ltd products are manufactured to rigid standards of quality. Any product which has been applied (a) in accordance with Tremco CPG Australia written instructions and (b) in any application recommended by Tremco CPG Australia, but which is proved to be defective, will be replaced free of charge.

Any information provided by Tremco CPG Australia in this document in relation to Tremco CPG Australia's goods or their use is given in good faith and is believed by Tremco CPG Australia to be appropriate and reliable. However, the information is provided as a guide only, as the actual use and application will vary with application conditions which are beyond our control. Tremco CPG Australia makes no representation, guarantee or warranty relating to the accuracy or reliability of the information and assumes no obligation or liability in connection with the information. To the extent permitted by law, all warranties, expressed or implied are excluded.

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