

# Polyroof

High performance, one part elastomer for critical roof areas

## Key Benefits Summary

- Outstanding elongation and recovery.
- 700% elongation.
- 96% recovery.
- Compatible with both tar and bitumen.
- Durable long lasting protection.
- Superior protection over holes, cracks and splits.

## Product Information:

### Description:

Tremco Polyroof is a high performance, one part elastomer for critical roof areas subject to considerable movement.

### Usage/Purpose:

- Patch up holes, cracks, splits in bituminous roofs
- Sealing of insulation breather vents
- Build up ponding water areas
- Sealing of moving joints
- Metal edges
- Sealing of membrane flashings
- General roof repair
- Suitable application onto flat, pitched or vertical surfaces

### Limitations:

Do not use over loose gravel.

### Colours:

Black

### Packaging:

300 ml cartridges 30 per carton.  
22.7 litre pails.

### Technical Information:

#### Composition:

Polyroof's unique formulation of elastomers, plasticers and selected additives is formulated to ensure high elasticity coupled with long lasting service, specifically developed to repair moving joints, metal edges. As a rubbery, highly flexible roof patching elastomer it affords superior protection over holes, cracks and splits, ponded water areas, ridges and for installing insulation breather vents.

#### Performance (Typical Properties)

Application temperature range: -10°C to +50°C  
Elongation: 700%  
Recovery: 96%

**Note:** Typical properties should not be used as specifications.

## Usage Guidelines:

### Surface Preparation:

- Remove dust, loose gravel and torn felts.
- Sweep away ponded water.
- Apply over a clean, sound, dry base.

### Application:

By trowel.

**For membrane flashings:** Apply a minimum of 3mm thickness 100mm-200mm onto the deck, 25-50mm above existing flashing.

**For gravel stops:** Directly over all lapped metal joints or where extreme movement can be expected, apply 13-20mm wide strips of bond breaker tape. Then apply Polyroof at 13mm thickness over the bond breaker tape and for at least 25mm beyond its perimeter. Apply at 6mm thickness throughout the remaining roof edge.

**Valleys and ponded areas:** Protective coatings in these areas are usually subjected to rapid deterioration, particularly on build up of bituminous roofs. Polyroof will provide long lasting protection by applying 3-5mm thickness to such areas including the vertical projections subjected to standing water.

**Splits and holes:** Apply a minimum thickness of 6mm over splits or holes and tape the Polyroof down to the roof membrane, lapping at least 50mm on all sides.

### Coverage:

Rates will vary depending upon actual surface conditions. Minimum 3mm thickness over smooth surface - 0.2m<sup>2</sup> per litre approximately.

### Clean Up:

Mineral Turpentine or Xylol

### Health & Safety Precautions:

Hazardous according to Worksafe Criteria. Always provide adequate ventilation. If mechanical, use explosion proof equipment. Do not get on skin. Material Safety Data Sheet must be read and understood before use.

### Storage:

Store in dry conditions between +5°C to 40°C.

### Shelf life:

12 months as stored as above in original unopened container.

**Guarantee/Warranty:**

We warrant our products to be free of defects and manufactured to meet published physical properties when tested according to applicable specification and Tremco standards. Under this warranty we will provide at no charge, product to replace any product proven to be defective when applied in accordance with our written instructions and in applications recommended by Tremco as being suitable for this product. All claims concerning product defects must be made within 12 months of shipment. Absence of such claims in writing during this period will contribute a waiver of all claims with respect to such product. This warranty is in lieu of any and all other warranties expressed or compiled.

**Equus Industries Ltd**  
**PO Box 601**  
**Blenheim**  
**Phone: 03 578 0214 Fax 03 578 0919**  
**Email: [admin@equus.co.nz](mailto:admin@equus.co.nz)**