

**Introduction**

Polyroof SA Primer (roller applied) is solvent based primer for bonding a variety of self-adhesive membranes and vapour control layers to variety of substrates. It increases bond strength of self-adhesive membranes between the membrane and substrate dramatically.

Polyroof SA Primer provides an outstanding bond and has been formulated to allow simple application providing a bond that exhibits high adhesive and cohesive strength with good flexibility.

The solution is a polymeric primer which permanently bonds and secures the membrane; but also contains reduced levels of volatile solvents to help meet environmental standards. The reduced levels of solvent within the formulation quickly evaporate allowing for fast and permanent bonding on horizontal or vertical applications. Due to the high-performance bond, this product is ideal for even the most stringent of applications.

Polyroof SA Primer is suitable for priming both new and existing bituminous membranes, asphalt, concrete, timber, tissue or foil faced PIR insulation and is also suitable for priming faced stone wool insulation.

For single ply substrates such as existing TPO, FPO, PVC and EPDM an adhesion test is recommended, contact our technical department for further information prior to installation.

**Product Information**



Code	Item	Pack Size	Approx. Coverage
10711 3	Polyroof SA Primer Roller Applied	10 ltr	Up to 45m <sup>2</sup>

Note - higher consumption required for uneven surfaces or use with Rockwool insulation. Consult Polyroof Tech Services for advice.

**Technical Data**

Characteristic	Value
Chemical Base	Synthetic Rubber
Application Temperature	5-30°C
Coverage Rate Per 10L Priming Non-Porous Substrates	40-80m <sup>2</sup>
Coverage Rate Per 10L Priming Porous Substrates	20-40m <sup>2</sup>
Drying Time	Up to 20 minutes* (Dependent on climatic conditions) * The primer is ready to bond when it feels dry to the touch
Chemical Resistance	Resistant to water, dilute acids, alkalis and aliphatic oils
Viscosity	1200-1400cps @20°C
Solids Content	32-36%
Colour	Black
Flammability	Flash Point Below -18°C
Solvents	Aromatic Hydrocarbons

**Application Benefits**

SA Primer is simply applied using either a brush or solvent resistant roller - for simple application without the need to invest in additional equipment.

The SA Primer has been formulated to have high tack properties making it ideally suited for upstands and vertical applications. The instant grab of the primer secures the membrane for a watertight seal once cured.

**Application Guidelines**

**IMPORTANT NOTES**

- Adhesion Tests: If the existing substrate is single ply membrane, and adhesion test will also be required.
- Please contact Polyroof Technical Services for further guidance.

**Preparation and Installation**

**Set Up Procedure**

Remove the lid from the packaging then stir the primer thoroughly before and during use.

**Application**

- Ambient and substrate temperatures must be a minimum 5°C.
- Ensure the substrate is clean and dry, take care to ensure the roof is free from loose, sharp and foreign materials including oil/grease and other

contaminants such as fungal growth. Use anti-fungal wash as required.

- Should the existing substrate be a single ply membrane an adhesion test will be required as a primer may be required prior to application, contact Polyroof technical department for further advice.
- Apply the primer in an even coat to the substrate using a solvent resistant roller.
- For non-porous substrates: Ensure primer is applied with 100% coverage.
- For porous substrates: Ensure primer is applied with 100% coverage. A second coat may be required, subject to adhesion test. For Rockwool HARDROCK Multi-Fix range a second coat of primer will always be required.
- Drying time can vary and is dependent on the prevailing conditions such as temperature and humidity. Once dry, touch primer with a clean gloved finger and push forward to ensure the adhesive does not stick or string - guaranteeing the primer is ready throughout the coat. If the primer is shown to be sticky or stringy the adhesive needs longer to dry.
- Once primer is ready, roll the self-adhesive membrane into the coated substrate slowly and evenly to minimise any wrinkles in the membrane. To ensure appropriate adhesion, compress and apply pressure to the membrane to consolidate the bond with a broom or weighted roller.
- **When applying to ROCKWOOL HARDROCK Multi-Fix ensure two coats of Polyroof SA Primer is used at all times.**

### Storage and Handling

Polyroof SA Primer is suitable for a range of self-adhesive membranes and vapour control layers and can be supplied in 10L containers. Always store the primer indoors in dry conditions above 5°C within the original packaging. For optimum performance store primer at 15 to 20°C prior to use.

### Health and Safety

Safety Data Sheets available on request.

### Technical Assistance

For further information, please contact Polyroof Technical Services on 0800 801 890, More information can also be found at [www.polyroof.co.uk](http://www.polyroof.co.uk).