

#### Description

Eurorooof Rapid is a composite polymer modified, polyester reinforced, mineral surfaced, high performance flat roofing membrane which is UV resistant and does not require any additional surface coating.

The upper face compound is composed of distilled bitumen and elasto-plastomers while the lower face compound is composed of distilled bitumen and special polymers which provide particular characteristics of adhesion and workability. A special waterproofing mass is used to bond the upper and lower compounds.

#### Use

For use as a torch applied, single layer overlay system in refurbishment projects, especially over existing mineral surfaced membranes.

#### Application

Fully bonded by torch application with 4 Bar propane gas torch equipment.

Laps can be sealed by torch application. Lap sizes (all systems): 100mm side, 150mm end.

**Note that the mineral surfaced membrane to be overlaid must be clean dry and free from loose particles, but should not be primed - the lower bituminous compound will bond directly to the existing surface.**

- All overlaps must be with the slope. Always position the membrane starting from the lowest point.
- Position the membrane sheets staggered, avoiding any overlaps against the roof fall.
- Cut the corners of membrane sheet which will be laid under the next sheet at a 45° angle (100 x 100mm).
- The joints, both side and head, must be respectively overlapped by 100 & 150mm.
- The second layer of membrane will be applied astride and over the first one, always in the same direction, and approx. 1/4 of its length from the previous sheet.
- The bituminous membrane will be applied with a propane gas torch to the substrate. It is necessary to heat the entire surface, making sure that the compound forms a liquid mass in front of the roll to ensure that it saturates any superficial porosity.
- Once torched, the side laps (100mm) and head laps (150mm) must be pressure rolled with a long handled 15kg roller from which a bead of compound should flow, therefore avoiding having to trowel the overlaps.
- Apply the vertical membrane sheet making sure that it overlaps the horizontal one by at least 100mm, heating it with a gas torch and squeezing it with a trowel until a bead of compound appears from underneath.
- The height of the vertical details must be equivalent or superior to the finished surface by at least 150mm.

#### Storage

Store upright in a clean, dry location, and away from heat sources.

#### Product Data

|                        |                            |
|------------------------|----------------------------|
| Roll size              | 8 x 1m                     |
| Roll weight            | 40kg (5kg/m <sup>2</sup> ) |
| Shear resistance (L/T) | 500/400 N/50mm             |
| Tensile strength (L/T) | 600/500 N/50mm             |
| Elongation at break    | 35%                        |
| Dimensional stability  | 0.3%                       |

### Health & Safety

Safety Data Sheets are available upon request, and can also be downloaded directly from [www.alumascroofing.co.uk](http://www.alumascroofing.co.uk)

### Technical Support

Technical advice is available from Alumasc Technical Services at:

Telephone: +44 (0)1744 648400

Email: [technical@alumascroofing.com](mailto:technical@alumascroofing.com)

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