

Product Datasheet

Eurorof Self-Adhesive AVCL

Sheet NO PDS-RBM027
Issued: 28/02/2025
Pages: 1 of 2

Description

Eurorof Self-Adhesive AVCL is a polyester reinforced, special modified bitumen vapour barrier with an aluminium core, a removable polyethylene film on its underside, and a fine mineral surface.

Use

For use as an air and vapour control layer in built-up roofing systems, in both new construction and refurbishment projects.

Application

All surfaces to receive membrane must be clean and dry. Prime the substrate with Eurorof SA Primer. Install the Eurorof Self-Adhesive AVCL with 75mm side and 150mm end laps, by removing the release film and firmly pressure rolling the surface to achieve a continuous bond across the full width of the membrane. Ensure that the membrane is accurately aligned, including overlaps, before removing the release film, and that it does not move as the film is removed. The main field sheet should be pressure rolled with a weighted roller to ensure full contact of the membranes; the addition of hot air may be required to achieve full adhesion in colder conditions.

The side laps (75mm) and head laps (150mm) must be hot air welded and pressure rolled with a long or medium handled 15kg roller. All laps must have a visible bleed of bitumen.

Substrate/s must be even and free from any irregularities that may compromise the bond. Undertake an adhesion test to establish a full bond can be obtained using the Self-Adhesive membrane to the primed substrate. Please contact Alumasc technical services for further guidance if the bond strength is unsatisfactory.

Storage

Store upright in a clean, dry location, away from heat sources. The product must be stored at between 5°C and 24°C for 24 hours prior to use.

Product Data

Thickness	2.5mm
Width	1.0m
Length	15m
Weight	2.5 kg/m ²
Weight per roll	37.5 kg

Performance Data

Tensile Strength – longitudinal	305 N/50mm
Tensile Strength – transverse	1000 N/5cm/1000 N/5cm
Elongation at break – longitudinal	30%
Elongation at break – transverse	30%
Softening point	100°C
Foil thickness	30 microns
Shelf life	12 months
Cold Flexibility	-20°C

Health & Safety

Safety Data Sheets are available upon request and can also be downloaded directly from www.alumascroofing.com.

Technical Support

Technical advice is available from Alumasc Technical Services at:

Telephone: +44 (0)1744 648400
Email: technical@alumascroofing.com

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Pages: 2 of 2

The company pursues a policy of constant product development and information contained in this publication is therefore subject to change without notice. The customer is responsible for ensuring that each product is fit for its intended purpose and that the conditions for use are suitable. All quoted data is nominal and subject to production tolerances.

