

Two Layer Torch-Applied Bituminous Warm Roof

✓ When to Specify

The Eurorooft Mastergold built-up warm roof solution offers the benefits of high performance thermal insulation and bituminous roofing. The APP-modified formulations of Mastergold Mineral and Underlay have been optimised for compatibility with the torch-on method of installation, facilitating an excellent bond to the substrate and optimum lap security.

eurorooft

roofing systems

Eurorooft Mastergold
Mineral Cap Sheet

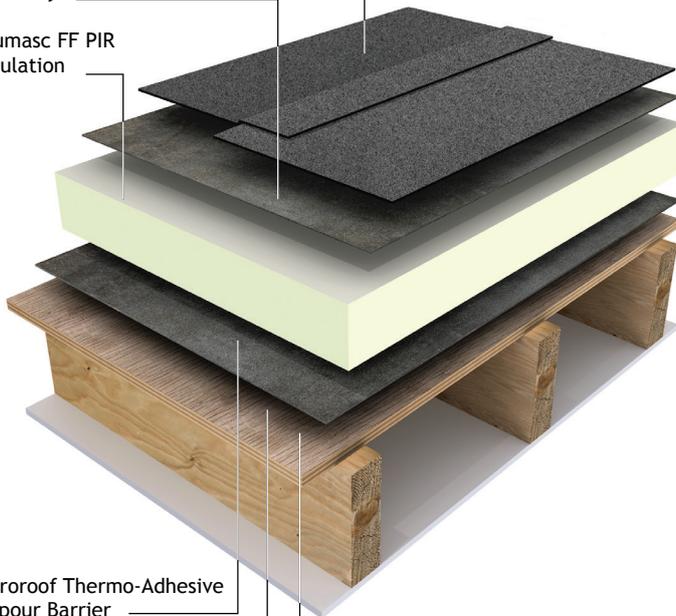
Eurorooft Thermo-Adhesive
Underlay

Alumasc FF PIR
Insulation

Eurorooft Thermo-Adhesive
Vapour Barrier

Alumasc Bitumen Primer

Plywood Deck



🌸 Warranties

Alumasc offers a comprehensive range of warranty options. The typical warranty period for Eurorooft Mastergold is 25 years. Installed exclusively by Eurorooft Approved Contractors and underpinned by Alumasc's extensive project support service, Alumasc warranties cover both product and installation. Independent insurance backed latent product defect warranties are also available through FSA licensed brokers.

Key Features

Lifespan

Eurorooft Mastergold Mineral is an APP-modified, high performance membrane with a serviceable life expectancy in excess of 25 years under UK climatic conditions.

Durability

Eurorooft Mastergold membranes are designed to perform in the harshest conditions, with APP-modified bitumen ensuring excellent resistance to puncture and UV degradation.

Performance

Eurorooft Mastergold membranes are APP-modified to ensure a consistent melting point that is ideally suited to torch-on applications; achieving an excellent bond with the underlying substrate for high resistance against wind uplift.

Quality

Eurorooft Mastergold membranes are manufactured and independently assessed against the BS EN ISO 9001:2008 Quality Management Standard; ensuring the highest possible consistency of product performance.

Environment

Manufactured in accordance with the ISO 14001:2004 Environmental Management Standard, Eurorooft Mastergold can benefit BREEAM ratings (e.g. Section MAT5 for the responsible sourcing of materials) and contribute to a 'very good' rating in the BRE's Green Guide to Specification (an 'A+' rating is achievable when installed on timber or metal decks).

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Application

1. Apply Alumasc Bitumen Primer to a plywood surface that is clean, dry and free from oils, grease, dirt and debris. Apply using a brush, roller or spray at a typical rate of 6-8m²/litre. Leave for a minimum period of 2 hours, until completely dry, to ensure that the coating is free of all solvent.
2. Align the Eurorroof Thermo-Adhesive Vapour Barrier so that side (100mm) and head (150mm) overlaps are achieved when the membrane is rolled out for torch activation.
3. Heat-activate the upper surface of the Eurorroof Thermo-Adhesive Vapour Barrier and install the Alumasc FF Polyisocyanurate insulation board by firmly pressing into place.
4. Install Eurorroof Thermo-Adhesive underlay by loose laying and carefully aligning with 100mm side and 150mm end laps.
5. Starting at the lowest point of the roof, position the Eurorroof Mastergold Mineral Cap Sheet to ensure staggered joints, providing side and head laps of 100mm and 150mm respectively and avoiding any overlaps against the roof fall. Joints of cap sheet must be staggered with the base layer below.
6. Using a propane gas torch, heat the entire surface of the Eurorroof Mastergold Mineral Cap Sheet, making sure that the compound forms a liquid mass in front of the roll and fully bonds to the underlay. A small (approx 5-10mm) continuous bead of compound must always be visible at the joint.
7. Note: Pre-cut the lower corner of the end of each roll at 45° where it will be overlapped by the end lap of the next roll.
8. At upstands, ensure that the waterproofing extends at least 150mm above the finished roof surface and laps onto the adjoining roof membrane by at least 100mm. Detail work to be in accordance with project specification. The head of the detail must be terminated with a suitable mechanical termination.

NB: Eurorroof Mastergold waterproofing systems are exclusively installed by a nationwide network of Eurorroof Registered Contractors.

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.

System Components

- Eurorroof Mastergold Mineral Cap Sheet is a 4mm thick, APP-modified bitumen membrane (1 x 7.5m) with glass/polyester reinforcement that is intended for use as a cap sheet to built-up roofing systems in both new build or refurbishment applications.
- Eurorroof Thermo-Adhesive underlay is polyester reinforced and is adhered to the insulation by the torch application of the cap sheet.
- Alumasc FF is a CFC- and HCFC-free polyisocyanurate thermal insulation with plain glass-fibre tissue to both faces and is supplied in 600 by 1200mm boards and a range of thicknesses to suit the required thermal value.
- Eurorroof Thermo-Adhesive Vapour Barrier is a glass-fibre reinforced, modified bitumen vapour control layer (1 x 15m).
- Alumasc Bitumen Primer is a low viscosity, solvent-based bitumen primer intended to maximise the adhesion of bituminous membranes to metal and porous substrates.



Technical Support

Alumasc Technical Services provide an extensive project support service that includes site surveys, project specifications, performance calculations (e.g. U-values, condensation risk analysis), CAD detail drawings and general technical advice.

Contact Alumasc Technical Services via:

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✉ waterproofing@alumasc-exteriors.co.uk

Online resources are available on our website or via the embedded links below:

Web Links

- 📄 Brochures & Datasheets
- 📄 NBS Specifications
- 📄 CAD Drawings for typical details

www.alumascwaterproofing.co.uk