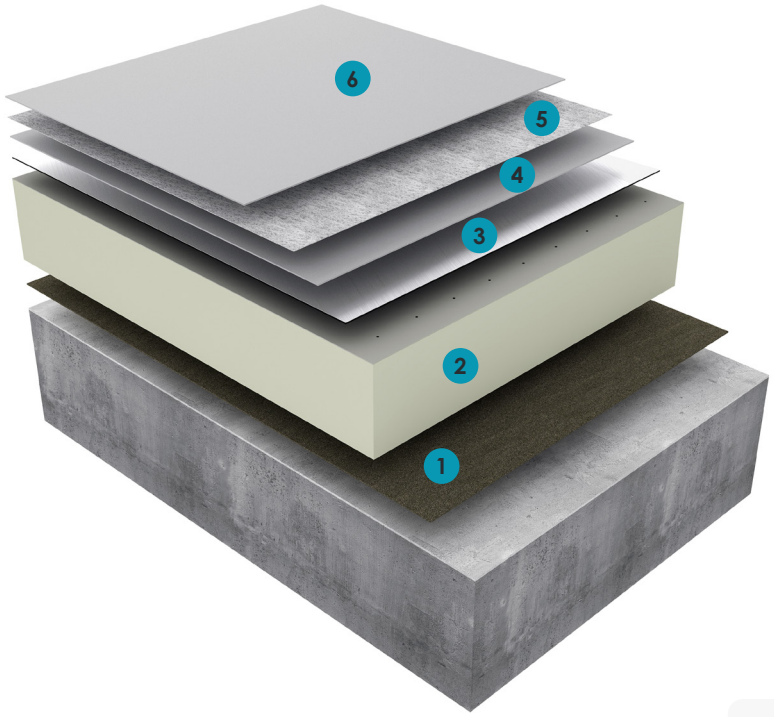
CALTECH UV

ALUMASC ROOFING

Caltech UV Resin is a reinforced, cold-applied polyurethane liquid membrane designed for exposed roofing applications. Installed using a multi-coat application process with embedded glass fibre reinforcement, the system is supplied ready for use, eliminating the need for on-site mixing and promoting a fast, efficient and consistent installation process. The system is primarily designed for warm roof constructions and refurbishment overlay applications.

It is supported by a comprehensive portfolio of compatible system components, including substrate-specific primers, air and vapour control layers (AVCLs), thermal insulation, and associated ancillary products, enabling the system to be incorporated into complete waterproofing specifications.



Typical System Build-Up

Warm Roof Assembly

6. Caltech UV top coat*
5. Caltech G-Mat-UV Reinforcement
4. Caltech UV embedment coat*
3. Caltech Preparation Layer

   Euroroof SA Primer
2. Alumasc GTF PIR Insulation or Class A fire rated alternative

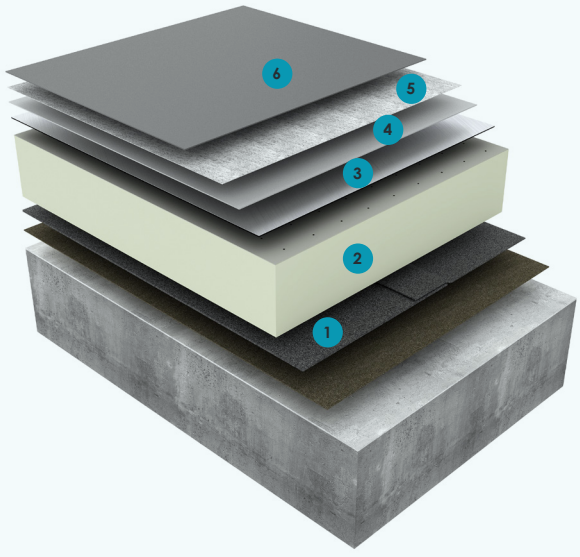
   Euroroof PU Insulation Adhesive
1. Air & Vapour Control Layer, type according to substrate

   Alumasc Primer, type according to AVCL

Warranties

Alumasc offers single-point warranty options for up to 25 years. Installed exclusively by Registered Contractors and underpinned by Alumasc's extensive project support service. Warranties cover product, workmanship, and design.

Other System Build-Up Options



Insulated Overlay of Existing Waterproofing

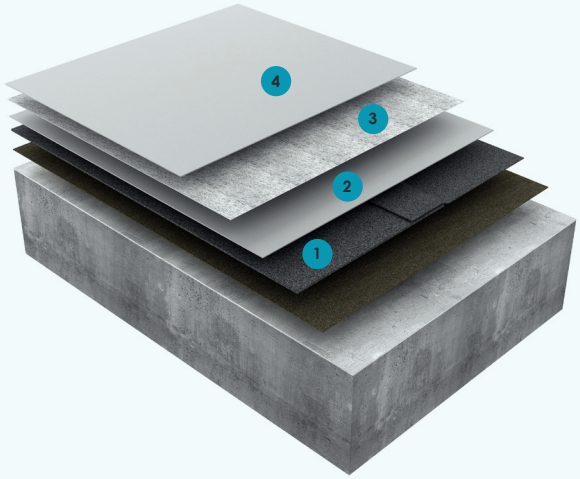
6. Caltech UV top coat*
5. Caltech G-Mat-UV Reinforcement
4. Caltech UV embedment coat*
3. Caltech Preparation Layer

   Euroroof SA Primer
2. Alumasc GTF PIR Insulation or Class A fire rated alternative

   Euroroof PU Insulation Adhesive
1. Existing waterproofing (AVCL subject to condition)

**Coverage rates vary according to warranty term and/or substrate condition*

Other System Build-Up Options



Cold Overlay of Existing Waterproofing

4. Caltech UV top coat*
3. Caltech G-Mat-UV Reinforcement
2. Caltech UV embedment coat*

   Alumasc Primer, type according to substrate
1. Existing waterproofing

When to Specify

Caltech UV provides a versatile waterproofing solution suitable for a wide range of roof constructions, project types and applications, including:

- New build
- Refurbishment
- Cold roofs
- Warm roofs
- Overlay of existing waterproofing systems
- Compatible with all conventional roofing substrates

Durability

BBA certified, Caltech UV provides long-term waterproofing performance and, when installed on stable substrates and regularly maintained, will provide a service life in excess of 25 years.

Approvals

- BBA Certificate No. 23/7047
- Classified as B_{ROOF}(t4) to BS EN 13501-5 within approved and tested system assemblies

Technical Support

Alumasc Technical Services can advise on all aspects of product selection, specification and integration of Alumasc systems into any building design. For technical support, contact the team at technical@alumascroofing.com.

**Coverage rates vary according to warranty term and/or substrate condition*