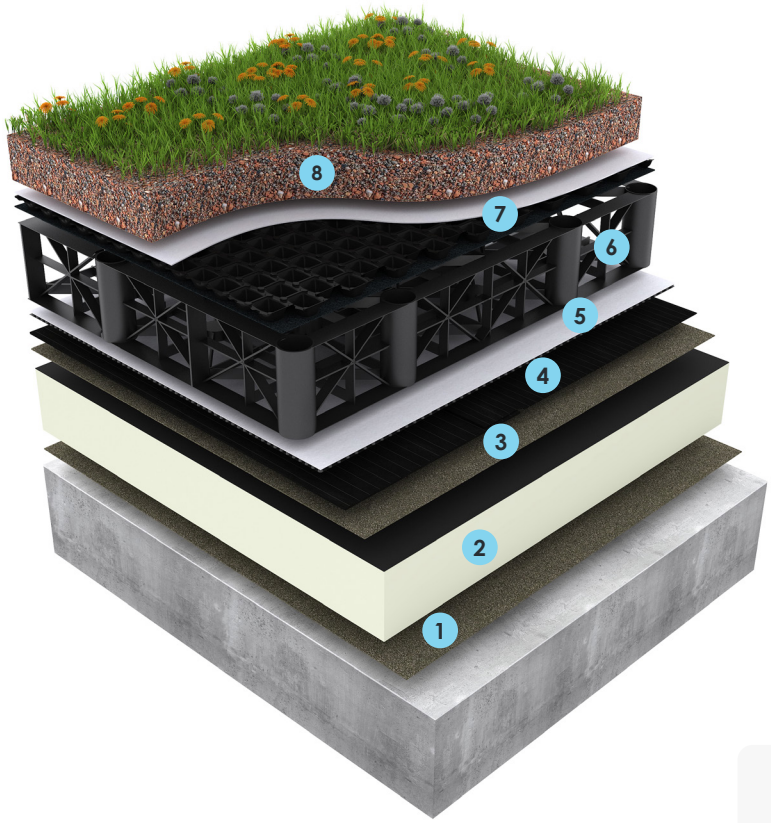
BLUROOF

ALUMASC ROOFING

Alumasc Bluroof systems provide a single-source, fully warranted waterproofing and sustainable drainage solution that attenuates and controls rainwater discharge for up to 48 hours. By releasing rainfall at a controlled rate, the system reduces peak discharge, easing pressure on local drainage networks and helping to minimise downstream flood risk. This delivers a more sustainable alternative to traditional drainage with potential cost savings over underground attenuation.

The key components include a flow-controlled rainwater outlet, a void former, and sufficient overflow capacity in case of blockage or storm events exceeding the design.



Typical System Build-Up

Warm Roof with Green Roof

8. Blackdown Specialist Substrate
7. Blackdown Drainage Layer & Filter Sheet
6. Alumasc Void Former
5. Hydrodrain FC6
4. Derbigum Anti-Root Bluroof Membrane
3. Torch-On or Self-Adhesive Underlay
   Options include: Derbigum NT, Hi-Ten Universal & Derbicoat HP Selfix
2. Alumasc PIR Insulation or Class A fire rated alternative

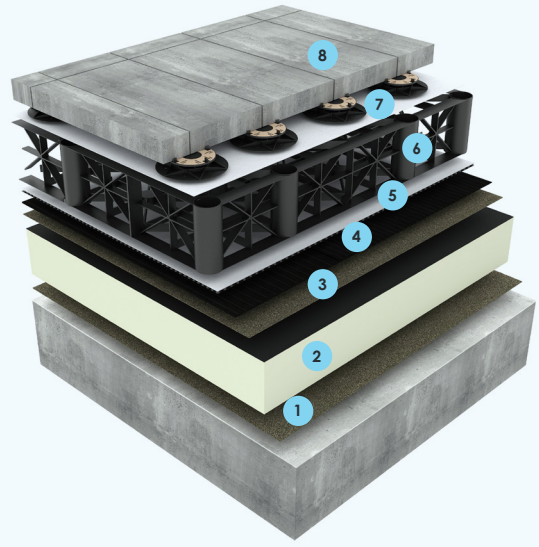
   Euroroof PU Insulation Adhesive
1. Air & Vapour Control Layer, type according to substrate

   Alumasc Primer, type according to AVCL

Warranties

Alumasc offers single-point warranty options for up to 40 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



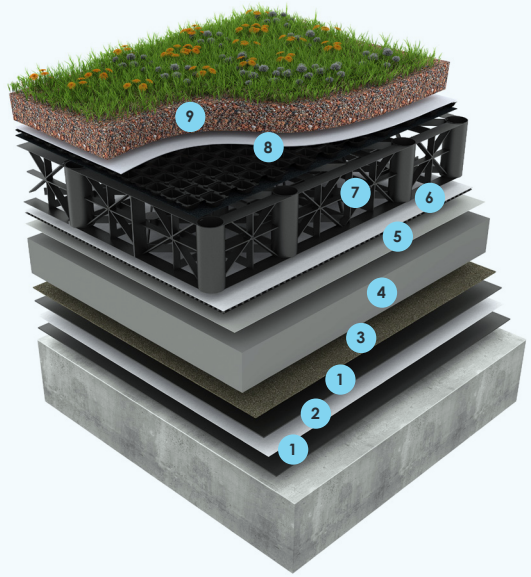
Warm Roof with Hard Landscaping

8. Surface finishes of choice
7. Bluroof Geotextile Filter Fabric
6. Alumasc Void Former
5. Hydrodrain FC6
4. Derbigum Bluroof Membrane
3. Torch-On or Self-Adhesive Underlay
   Options include: Derbigum NT, Hi-Ten Universal & Derbicoat HP Selfix
2. Alumasc 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

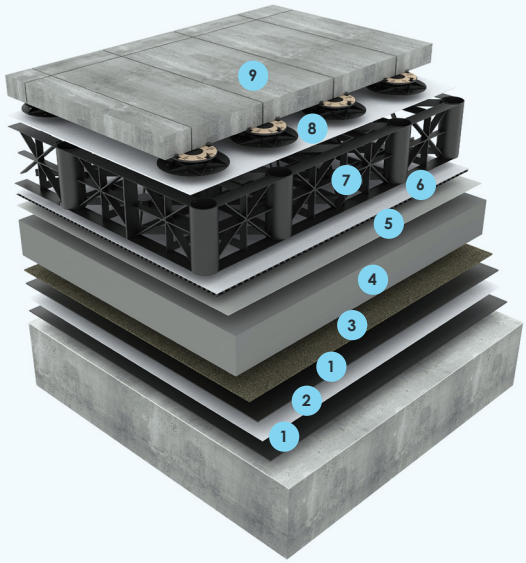
Other System Build-Up Options



Inverted Roof with Green Roof

9. Blackdown Specialist Substrate
8. Blackdown Drainage Layer & Filter Sheet
7. Alumasc Void Former
6. Hydrodrain FC6
5. LO-k Water Flow Reducing Layer (WFRL)
4. Alumasc XPS Insulation or Class A fire rated alternative
3. Hydrogard 40 AR Protection Sheet
1. Hydrotech MM6125
2. Flex-Flash F Reinforcement
1. Hydrotech MM6125

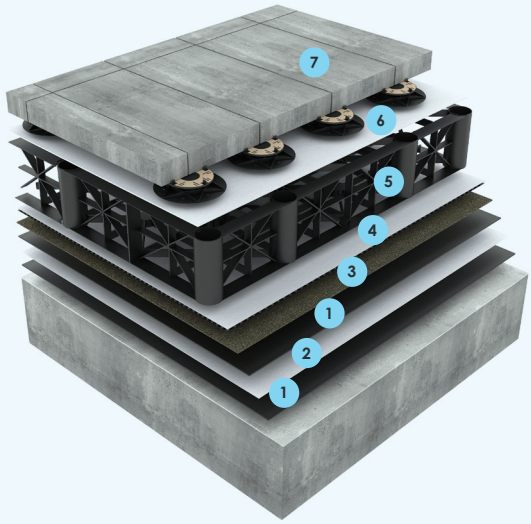
   Alumasc Bitumen Primer



Inverted Roof with Hard Landscaping

9. Surface finishes of choice
8. Blackdown Geotextile Filter Fabric
7. Alumasc Void Former
6. Hydrodrain FC6
5. LO-k Water Flow Reducing Layer (WFRL)
4. Alumasc XPS Insulation or Class A fire rated alternative
3. Hydrogard Protection Sheet
1. Hydrotech MM6125
2. Flex-Flash F Reinforcement
1. Hydrotech MM6125

   Alumasc Bitumen Primer

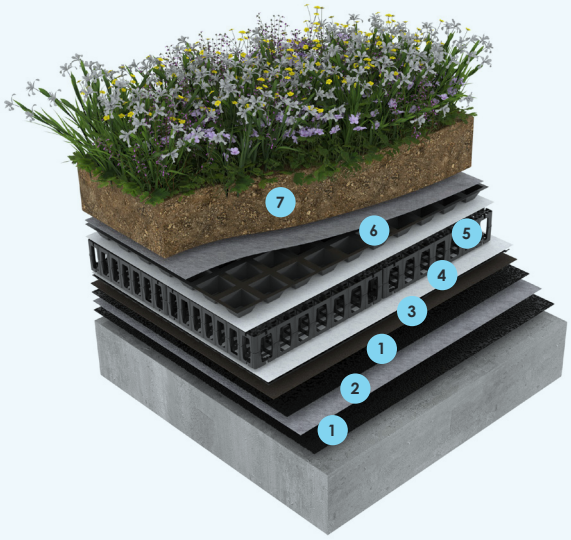


Cold Roof with Hard Landscaping

7. Subbase / surface finishes of choice
6. Blackdown Geotextile Filter Fabric
5. Alumasc Void Former
4. Hydrodrain FC6
3. Hydrogard Protection Sheet
1. Hydrotech MM6125
2. Flex-Flash F Reinforcement
1. Hydrotech MM6125

   Alumasc Bitumen Primer

Other System Build-Up Options



Cold Roof with Soft Landscaping

7. Blackdown Specialist Substrate
6. Blackdown Drainage Layer & Filter Sheet
5. Alumasc Void Former
4. Hydrodrain FC6
3. Hydrogard Protection Sheet
1. Hydrotech MM6125
2. Flex-Flash F Reinforcement
1. Hydrotech MM6125

   Alumasc Bitumen Primer

When to Specify

Bluroof systems provide a versatile stormwater management solution suitable for a wide range of roof constructions, project types and applications, including:

- New build
- Inverted roofs
- Cold roofs
- Hybrid roofs
- Podium decks

Durability

Both waterproofing options provide proven long-term durability, with independently assessed service lives supported by BBA certification.

Derbigum Bluroof Membrane
Designed to provide a service life in excess of 50 years.

Hydrotech Bluroof MM6125
Designed to provide waterproofing for the service life of the roof in which it is incorporated.

Approvals

Alumasc Bluroof systems are widely specified with Derbigum waterproofing membranes across warm, cold, and inverted roof constructions, as well as with Hydrotech MM6125 structural waterproofing for cold or inverted roof designs. Both systems hold BBA accreditation and are supported by Environmental Product Declarations (EPDs). Hydrotech MM6125 also benefits from European Technical Approval (ETA).

Derbigum Bluroof Membrane
BBA Certificate No. 86/1593

Hydrotech Bluroof MM6125
BBA Certificate No. 90/2431

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.