ACO Blue Roof Guide – Vol 2

THE ULTIMATE SUDS SYSTEM - ON A ROOF

Foreword

The importance of water to daily life cannot be understated. ACO takes its commitment to sustainable water practices seriously with technological expertise, customized solutions, and continuous innovation. ACO systems offer safety during heavy rainfall and protect water resources in the long term.

In the UK specifically, water scarcity is growing as climate change continues, and populations increase. The demand for clean water will likely outstrip supply in several regions unless water resources are managed more effectively and serious action is taken.

Our country's sewage systems struggle, and often fail, to handle the extreme rainfall that – previously rare events – have become regular episodes with floods occurring multiple times per year. There is no real sign that the impact of climate change will slow, which means that we need to adjust our thinking and methods of handling heavy downpours.

This is why we've put this guide on blue roofs together. Blue roofs are a vastly underused, and often misunderstood, solution to attenuating water. However, they are now becoming critical in the fight for water sustainability and appear as key elements to control run off in planning documents for major cities across the UK and Ireland. Water storage and treatment on site is a crucial technique for improving water sustainability and, by applying techniques and industry expertise, can significantly contribute to the macro-objectives of a development project.

The main difference between traditional flat roofs and blue roofs is that the former is designed to quickly drain water whereas blue roofs are a separate system which temporarily holds rainwater and slowly releases it.

This helps control stormwater runoff, especially in dense urban areas, limiting the load on sewer systems and mitigating the risk of flooding. As the effects of climate change increase levels of stormwater, and urban areas continue to expand, safeguarding water resources is an ever-important concern.

In 2024, heavy rainfall regularly overwhelmed urban sewer systems, causing untreated sewage to spill into rivers and seas. Blue roofs can help by retaining rainwater on-site and releasing it gradually, reducing the volume entering stressed sewers and preventing environmental damage.

Besides controlling rainwater runoff, blue roofs also enhance climate resilience, which, given the recent rise in extreme weather events, is a much-needed function. In blue green roofs, which contain vegetation fed by stored rainwater, blue roofs tackle the urban heat island effect, providing cooling benefits and bettering environmental conditions in cities.

The dual benefit of blue roofs mean stormwater is managed while conservation efforts are furthered. Captured rainwater can be used for irrigation, reducing reliance on conventional water supplies and promoting self-sufficiency.

For blue roof systems to work effectively, they must be well-designed and integrated correctly. When it comes to working on a roof project, building services engineers, specifiers, contractors and architects therefore all play a key role. Construction professionals will need to have a clear understanding of the applications for blue roofs and the options, resources and support that is available to them.

The hope is that the UK will become more conscientious regarding the challenges around water sustainability, and that we'll see a shift towards sustainable solutions being implemented as standard. Professionals can turn to ACO for expert advice on blue roof projects and play their part in moving the country toward a more sustainable future.

Explore how blue roofs are transforming urban landscapes by helping to mitigate flood risks, enhance building safety, and support sustainable water management.

Whether you're an architect, engineer, planner, or sustainability advocate, this is your guide to the benefits of blue roofs in modern city design.

Scan the QR code to watch our video about the power of a blue roof. To learn more about ACO blue roofs visit **https://bit.ly/BRV0925**

Blue Roof Expertise

Storms and floods are becoming increasingly frequent and severe across the UK. With these come property damage, danger to livelihoods, and in the worst scenarios, fatalities. Protecting people and the planet is the driving force that led ACO to become a leading source of sustainable drainage solutions (SuDS) and expertise.

Our experience designing blue roofs and consulting on their implementation has given us a wealth of knowledge to help mitigate the impact of climate change and advise on sustainable water management strategies. Guided at all times by our ethos, *"we care for water"*, we have developed a suite of solutions to match the needs of any project.

ACO. we care for water

In dense urban environments, our blue roof systems make sustainable drainage possible where other traditional drainage methods would fail due to space limitations or the impracticality of installing underground tanks on busy streets.

Knowledge based on experience

Our blue roof solutions continue to be implemented successfully in urban areas, where space is at a premium. One notable example includes The Acre in London, where the blue roof system navigated complex logistical challenges to ensure effective water management, even amidst competing rooftop building services like solar panels.

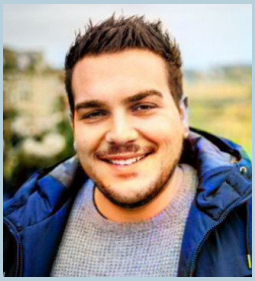
As part of this, and all projects ACO are involved in, we were able to use our extensive knowledge of drainage design and building regulations to create a solution that matched the building's needs while ensuring compliance with all relevant standards. The government has made changes to its SuDS standards and is encouraging design features like blue roofs to help actively manage rainwater on-site. As the climate crisis continues and regulations are updated, we can expect to see a greater need for blue roofs across the UK to support water sustainability, reducing carbon use from water treatment plants, and benefitting the broader environment.

Our ethos, *"we care for water"*, focusses on a specific element of sustainability, though our sights are set further afield. Water plays a part in all life on earth, on the health and comfort of civilisations, and the delicate balance of ecosystems upon which we rely. As we progress towards an eco-friendlier future, we will continue to advocate for water sustainability on behalf of the people, animals and ecosystems which count on it.

Introducing the experts

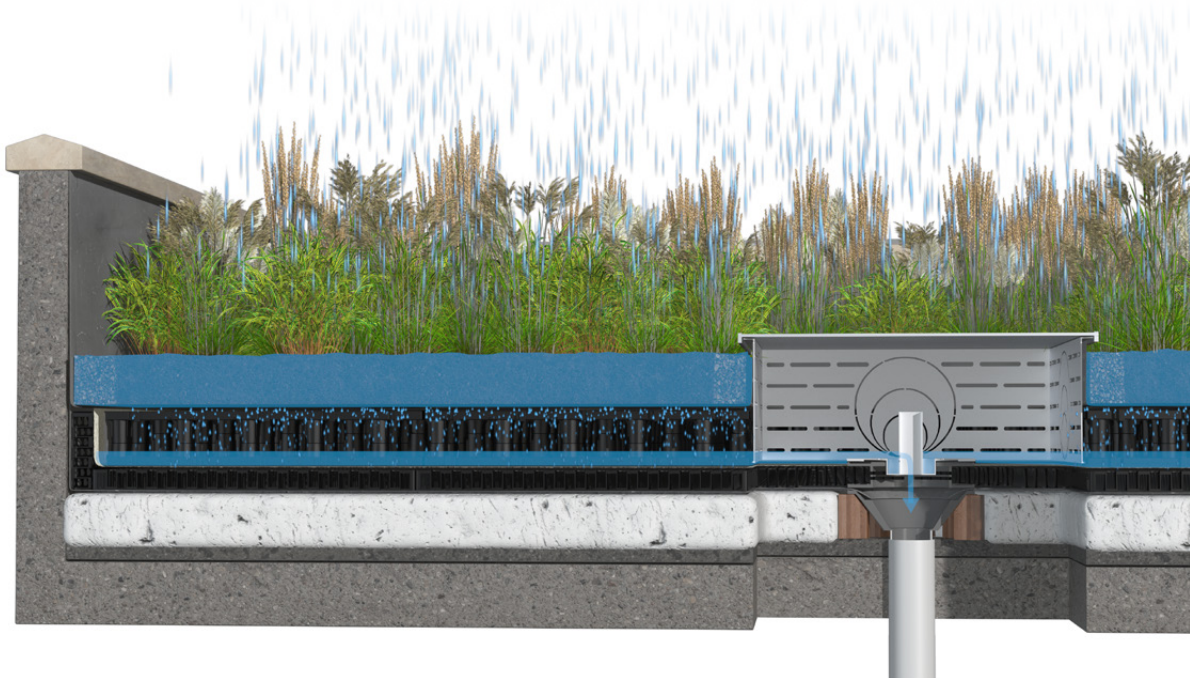
Neill Robinson-Welsh takes our ethos seriously and has applied it to more than 750 blue roof projects during his 14 years with ACO. He has also contributed to several industry guidance documents including C753 The SuDS Manual and C768 Guidance on the Construction of SuDS. He sits on several BSI and CEN technical committees relating to flood risk, water re-use and geocellular storage systems and is recognised in the industry as a leading expert on blue roofs.

Neill has been involved in many projects that have shown the benefits of our flagship product, ACO RoofBloxx, which make it possible to take an approach to drainage design that is highly adaptable as it works completely independently of the building's roofing system. By properly implementing ACO RoofBloxx, risks are reduced while safe attenuation is made possible.



Nebs Bjelopetrovic is Business Development Manager – Roofing at ACO Building Drainage, where he champions ACO blue/green roof systems as innovative drainage solutions for sustainable urban design. Prior to this, he spent three years as Technical Sales Manager at SFS Group, a global leader in fastening systems and building envelope solutions, where he supported architects and contractors across the Southeast of England. His earlier role as Account Manager at Hilti Great Britain saw him delivering cutting-edge construction technologies and cultivating client relationships. Nebs is known for his enthusiastic, collaborative approach to drive technical excellence in the built environment.

Blue Roofs' Vital Role in Alleviating the UK's Water Crisis



Water shortages across the UK are predicted to increase with demand outstripping supply in the next ten years. Some areas of the UK already face water stress, with cities like Cambridge and Oxford particularly affected as their outdated water and sewerage systems struggle to keep up with the demands of increasing populations. One way of mitigating the worsening situation is with the use of blue roofs.

Unlike traditional flat roofs, which remove water as quickly as possible, blue roofs store water temporarily and release it slowly. The impact of this is that sewer systems – many of which are overstressed and in need of repair or replacement – can receive rainwater at a reduced rate over time, rather than all at once, thereby reducing the likelihood of flooding.

ACO's RoofBloxx solution stores water in modular tanks which function entirely separately from the roof itself. In this way, rather than putting pressure on the roof's waterproofing, ACO's system simply sits securely on top of the roof, reducing risk to the structure itself while providing flood mitigation and sustainable drainage.

Professionals in the construction sector must understand that correctly implementing blue roofs is a critical part of incorporating the systems into the UK's infrastructure. Part of that implementation is good design and integration, including critical element such as outlet positioning, roof slope, and the selection of attenuation system playing pivotal roles. There is more information on design later in this guide, and advice is always available directly from ACO.

This system, pioneered by ACO, avoids the pitfalls of some other blue roof systems which allow for water to rest on the building's roofing material, introducing risk to the development and, in some cases, going against building regulations.

The pressure on UK water resources is growing and we construction professionals who are willing to actively engage with such issues. We want to support architects, installers, designers and all others involved in building development or renovation to be leaders in safe and sustainable drainage, using ACO RoofBloxx to meet the needs of their projects while taking steps to alleviate the growing water crisis.

How Blue Roof Integration Impacts Green, Hard-landscaped, and Biosolar Roofs

Multifunctional roofscapes across the UK are falling short of their full potential due to poor integration between blue roof attenuation and complementary roof systems.

Traditional approaches that store water directly on waterproofing membranes compromise both ecological performance and structural integrity, limiting the effectiveness of green, biosolar and hard-landscaped installations. Off-membrane storage systems, as used in ACO's method, offer superior integration that protects waterproofing while enabling controlled irrigation, supporting hard-landscaping, and facilitating biosolar installations.

Understanding blue roof integration principles

Blue roof integration involves designing water storage systems that support multiple roof functions without compromising individual performance requirements. Unlike conventional approaches, integrated systems store water in purpose-designed tanks positioned above the roof build-up. This separation enables controlled water distribution to planted areas, reduces membrane stress and provides predictable structural loading patterns. The approach allows green, biosolar and hard-landscaped elements to operate as coherent components rather than competing demands on roof space and structural capacity.

Membrane protection and warranty preservation

Off-membrane water storage eliminates the destructive wetting and drying cycles that concentrate moisture at waterproofing joins and penetrations. Surface ponding can create persistent wet zones that accelerate membrane degradation, particularly at perimeter details and penetration points where movement and temperature fluctuations are greatest.

Separated storage systems protect waterproofing integrity by keeping attenuated water out of contact with the more delicate parts of a roof buildup. This reduces failure points at membrane junctions and preserves manufacturer warranties. Typically, to ensure warranties remain intact, water has to be removed from the roof waterproofing as quickly as possible Most blue roofing methods do the exact opposite, however ACO's method keeps water off of the roof at all times. This protection becomes critical in multifunctional installations where membrane replacement would require dismantling entire roofscape systems.

Passive irrigation efficiency

Capillary wicking systems connected to blue roof storage tanks deliver controlled moisture distribution without surface water retention. Wicking mats draw water into growing media and across the whole roof area regardless of whether it is in green or hard-landscaped areas, providing even irrigation to planted zones whilst keeping water away from sensitive roof details. This passive approach supports vegetation in paved areas, enables biosolar edge planting and maintains planter pockets without requiring mechanical irrigation systems. The method reduces energy consumption and maintenance requirements whilst ensuring consistent moisture availability during dry periods.

Planning policy compliance support

Early integration of blue roof systems facilitates compliance with policies including the London Plan's Urban Greening Factor requirements. Considering water storage, wicking distribution and outlet positioning during concept stages enables designers to optimise ecological performance while avoiding late modifications that introduce structural conflicts or access problems.

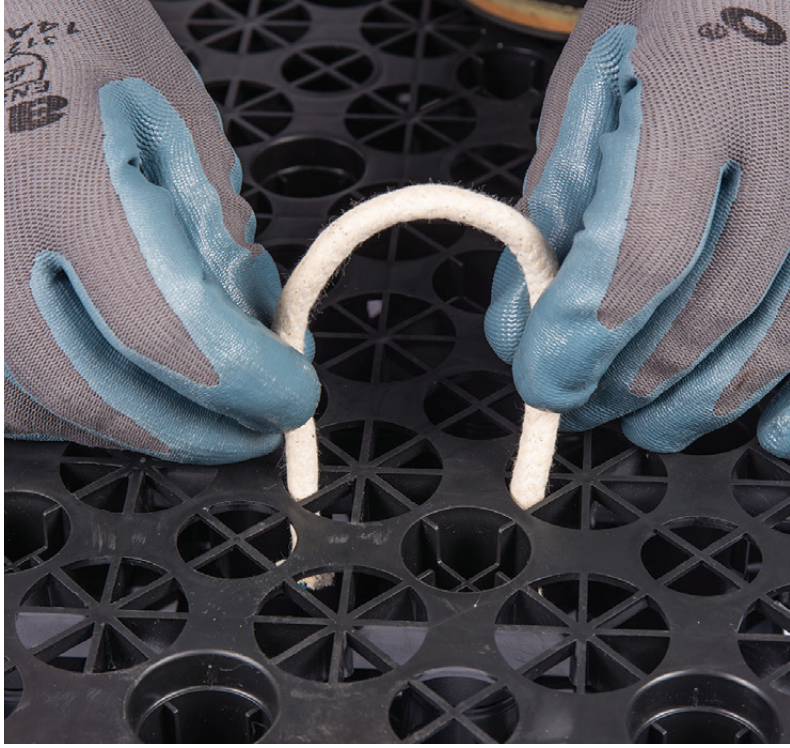
Design and integration factors

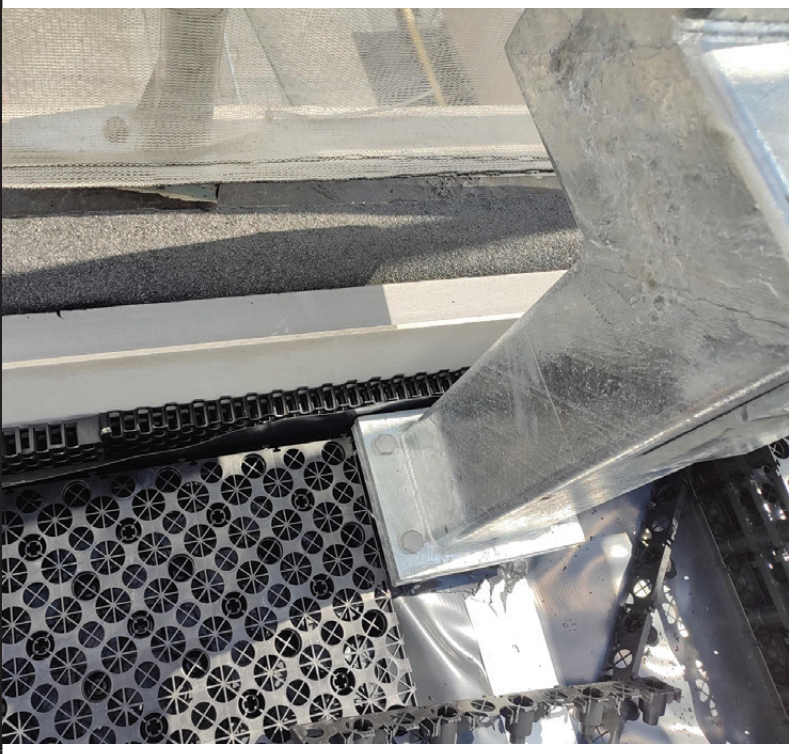
ACO's system addresses the structural challenges of hard-landscaped inverted roofs by eliminating heavy ballast requirements. The modular system is positioned above insulation layers while providing water storage. This approach prevents the risk of insulation floating and reduces installation complexity. The system integrates with capillary distribution networks to serve planted areas whilst maintaining clear access routes for both irrigation and photovoltaic maintenance. Components comply with relevant building standards and provide simplified installation compared to ballast-dependent alternatives.

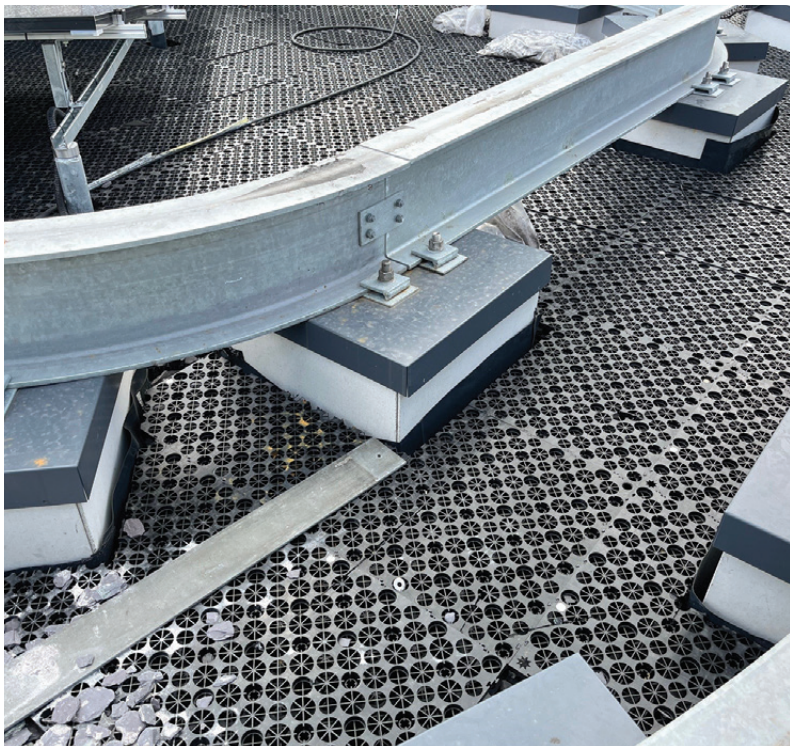
Role of professionals

At the early stages of a project, water storage locations must be coordinated with landscape plans and photovoltaic arrays to ensure water for green roof irrigation can reach all intended areas.

Construction professionals, including architects and specifiers, should treat blue roofs as system integration exercises rather than standalone features to achieve optimal multifunctional roof performance.







Maintenance considerations: prioritising good access

A blue roof's long-term performance relies on maintenance as much as on hydraulic design. A blue roof that looks perfect on paper will still fail in operation if outlets, pipes and tank connections can't be easily inspected, cleared and repaired. For architects, engineers and roofers, thinking about maintenance from the start avoids premature failure, non-compliance and expensive remedial works.

Access chambers at every outlet

Every roof outlet and each connection into attenuation tanks should have a permanent access chamber. These chambers must be placed and sized so they allow safe entry, unimpeded flow, a clear line of sight and the use of a cleaning kit — rodding, vacuum suction and inspection cameras, as needed. When higher roofs discharge onto lower roofs, provide access both at the receiving roof and at the tank connection. It only takes one inaccessible junction to hide a blockage that can compromise the entire system.

Inspect at least twice a year

Adopt the Green Roof Organisation's (GRO) twice-yearly inspection regime as a minimum. Inspections should remove debris from outlets, confirm clear flow paths across the roof surface, and inspect outlets for partial blockages or damage. Record each inspection and any corrective action. That log not only supports future maintenance planning but also demonstrates due diligence to building owners and buildings insurers.

Clarity facilitates responsibility

Routine upkeep usually sits with facilities-management teams or appointed landscape contractors. At handover, installers must make responsibilities explicit. Provide a clear maintenance timetable, mark key locations (access chambers, inspection points, outlets), and demonstrate basic inspection tasks where possible. Being prescriptive about who will clean, when and how often, can help prevent gaps in maintenance that lead to neglected roofs.

Design for maintenance, not as an afterthought

Good access should be a design rule. Maintenance routes must be carefully considered and critical components kept visible and reachable. Plant equipment, solar panels or bulky parapets should not be placed directly above outlets or access chambers. Where inspection is needed, they should be sized for both the operator as well as the tools they'll use. Follow all safety guidelines and ensure load-bearing capacity at inspection points meets standards.

How ACO approaches maintenance-friendly design

ACO designs its blue roof systems with clearly defined access chambers and inspection points so FM teams can clean and remove debris efficiently. By integrating modular access at each outlet and connection, ACO reduces the chance of hidden blockages and helps maintain designed discharge performance throughout the roof's life. Practical features include removable covers large enough for tools and visual inspection.

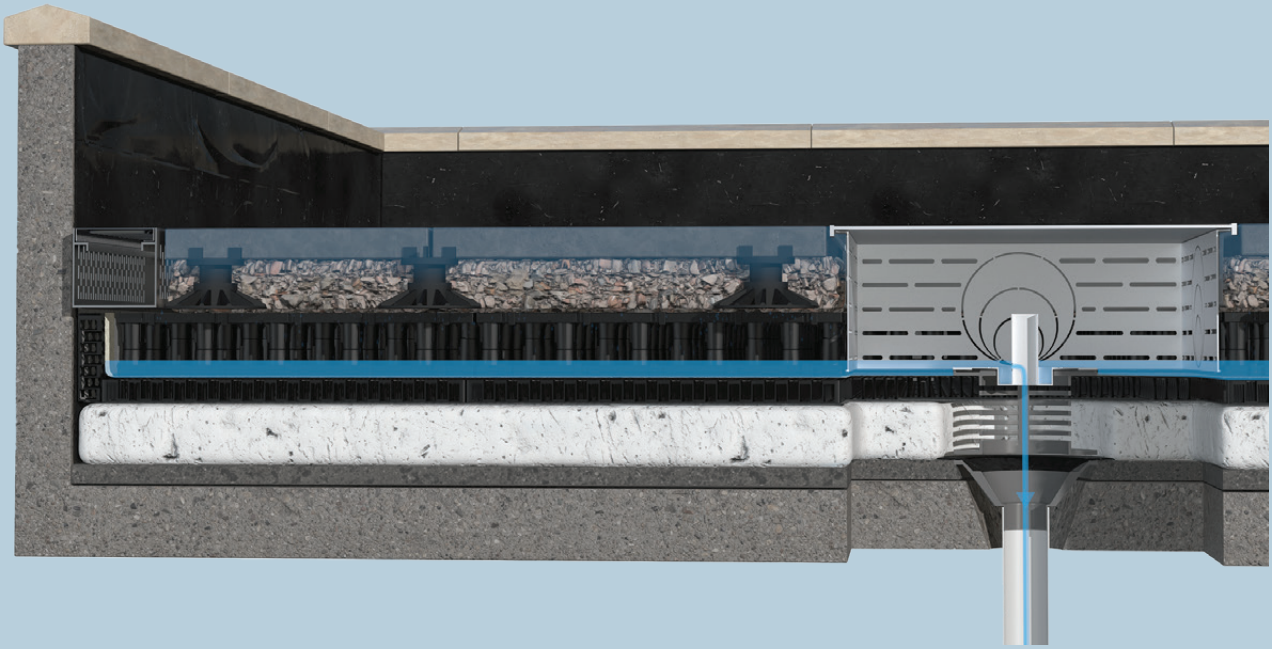
Checklist for designers and contractors

- Specify a permanent access chamber at every outlet and tank connection
- Build a twice-yearly inspection regime into handover documents
- Allocate maintenance responsibility clearly to FM or contractor teams
- Design so outlets remain visible; avoid obstructing them with plant or equipment
- Choose systems — for example modular, access-focused attenuation — that make routine servicing straightforward

Maintenance is essential. Design for access, clarify responsibility, and create a robust inspection regime — that's how blue roofs remain compliant and perform year after year.

Focussing on what matters from concept to delivery

Successful blue-roof projects are decided long before scaffolding appears. Clear specifications for roof build-up, sensible trade-offs on where attenuation sits, and early systems integration separate trouble-free installs from expensive mid-project fixes. Just as critical is the inclusion of accurate hydraulic calculations from the outset. These calculations determine the ideal roof build-up height, flow rates, and discharge volumes—ensuring the design meets planning conditions and integrates seamlessly with the rest of the site's drainage strategy.



Below are the practical design-to-delivery issues drainage engineers, roofers, and project teams must treat as essential.

It's important not to abandon standard flat-roof practice just because you're adding a blue roof. ACO's method installs level attenuation tanks without changing the roof's compliance with thermal, waperproofing, drainage , or load standards. Essentially, ACO's method makes it possible to design the roof to usual standards, then place the attenuation where the layout specifies.

Putting attenuation on the roof can free valuable internal building space, though that convenience comes with structural implications as rooftop tanks shift loads, change uplift demands and affect access arrangements. Because of this, engaging structural engineers early is vital to confirming slab capacity, deflection limits and uplift restraint. This is especially true for projects in which modular tanks are to incorporate elements such as solar PV panels or a green-roof build-up.

Choose integrated attenuation modules

ACO's modular system combines rainwater attenuation and irrigation capability while keeping plan area compact. Modular units simplify on-site logistics and let installers size attenuation to match actual roof falls and outlet locations.

Small changes to outlet positions late in the project can cascade into major rework – extra penetrations, altered falls and awkward or unusable access chambers – so it's important to define outlet, overflow and pump routing before the physical work begins. Coordinate permanent access chambers with parapets, hatches and plant so inspection and rodding remain practical for the life of the roof.

If rainwater reuse is to be part of the final strategy, plan it out at concept. The blue-roof outlet must be able to feed a separate harvesting tank, which affects pipe diameters, isolation valves, backflow prevention and the sequencing of control devices. Early coordination ensures routes, access and tank sizing are resolved and avoids awkward retrofits later.

Clear communication and collaboration

Clarity is the name of the game when it comes to success and this must begin at the early stages of design and continue until the project is handed over. Often, blue roof projects work in tandem with other building or retrofit work, and it is important that the various teams are clear about who is responsible for each aspect of the work undertaken. Who is connecting pipework, installing attenuation tanks and completing commissioning should be spelled out from the very beginning.

A project will either fail or be less effective if clarity is not provided for each part of the project. Drawings and diagrams, maintenance plans, and a clear assignment of responsibility will help the longevity of any blue roof project. This goes for while the project is being carried out as well as for handovers and beyond.

The handover process itself should include the location of blue roof attenuation systems, access points, and service periods, as well as who is responsible for organising and completing maintenance. Early coordination between the architect, engineers, installers and landscapers is key to facilitating such clarity. It will also help ensure the project itself goes smoothly, is executed successfully, and handed over with everything needed to ensure its longevity.

Project Support

For support and hydraulic calculations for a project:
Tel: **01462 810421**
Email: **abdtechnical@aco.co.uk**

Why hydraulic calculations are vital for a blue roof project

- **Hydraulic calculations ensure planning compliance**
  Blue roof calculations are vital to meet strict runoff and discharge rate limits set by planning authorities.
- **Optimized roof build-up reduces flow rates**
  By adjusting the depth of the roof build-up, ACO can help to significantly lower discharge rates, allowing the site to stay within its overall permitted runoff.
- **Supports site-wide drainage strategy**
  A well-calculated blue roof can offset high runoff from other site areas (like kitchens and showers), ensuring the entire site remains within drainage limits.
- **Accommodates structural and equipment needs**
  Systems like ACO RoofBloxx support heavy plant loads, but calculations are needed to adjust for penetrations and fixings (e.g., Mansafe or U Track systems) without compromising blue roof performance.
- **Maintains architectural and height constraints**
  Calculations help ensure the roof build-up stays within building height limits while still delivering effective stormwater management and usable thresholds.

CASE STUDY

ACO's Adaptive Drainage System Supports Iconic London Renovation

As part of a major sustainable renovation at **The Acre** in London, a blue roof was required that could be installed alongside ongoing roof works. With multiple elements in motion, ACO Building Drainage collaborated closely with contractors to adapt its installation process and respond to unexpected changes.

Built in the 1970s and previously known as 90 Long Acre, the brutalist building was transformed into a 240,000 sq ft mixed-use development featuring offices, a café, and 113 flats. The renovation aimed to make The Acre one of Covent Garden's architectural highlights.

To support its green goals, key systems – including heating, electrical, and roof drainage – were overhauled. Limited site storage meant deliveries had to be carefully timed, and ACO's adaptability proved crucial to the success of the project and to The Acre winning the LRWA's Sustainability Project of the Year award.

Calculations underway

Building design firm Arup invited ACO Building Drainage to collaborate along with contractors MAC Roofing on the roof drainage part of The Acre's renovation. ACO visited the site, provided water attenuation calculations, and recommended products that could meet the sustainability goals and planning conditions of the project.

ACO's calculations considered the varied roof levels and how raised areas drained into lower sections. They also accounted for the combined blue and blue green roof design, aimed at conserving water, improving air quality, boosting biodiversity, and enhancing The Acre's microclimate.

However, complications arose when solar PV panels and privacy screens were concurrently installed in the same spaces designated for ACO's RoofBloxx system.

Adapting to the unforeseen

With limited on-site storage and multiple renovation activities underway, only small batches of ACO RoofBloxx could be delivered at a time. ACO worked closely with the site managers to adjust delivery schedules, ensuring timely arrival. This flexibility was made possible by ACO's Shefford facility, which holds stock ready for short lead times and last-minute changes.

The main challenge arose with the discovery of rooftop struts, installed to support PV panels and privacy screens, which were unaccounted for in the RoofBloxx installation schematic. To ensure swift delivery, the design had to quickly adapt while maintaining drainage performance and preventing leaks.

Careful cutting

MAC contractors had to alter insulation and cut ACO's RoofBloxx to fit the limited space available for each of the more-than one-hundred struts. ACO provided instructions on how to do this without risking any unwanted water ingress, which was essential as each cut increased the chance of leaks.

With the ACO RoofBloxx units in place, other parts of the renovation meant that pipes and pedestals were placed directly onto the ACO RoofBloxx – another unforeseen challenge. To solve this, ACO recalculated structural loads to ensure the combined weight of components and gravel wouldn't affect RoofBloxx performance or building safety.

A cost-effective outcome

Most blue roof systems require heavy ballast to prevent insulation floatation, impacting load calculations, costs, and timelines. ACO's patented system avoids this by stabilising insulation with standard ballast, helping keep the project efficient and cost-effective.

Despite unexpected challenges, ACO and MAC Roofing delivered a sustainable drainage solution for The Acre. Their experience highlights the importance of factoring drainage into early project planning.

Rowan Gutteridge, Group Director at MAC said: "As with many construction projects, unexpected challenges arise all the time and we work to overcome them. The changes here were bigger than usual, and it was in large part thanks to ACO that we were able to complete this installation successfully. I'm looking forward to working with ACO and its products again on future projects."

Nebs Bjelopetrovic, Roofing Business Development Manager, at ACO Building Drainage said: *"It's great to see an iconic building like The Acre embracing sustainable drainage. Quite a bit needed to change while the project was live, but thanks to guidance from our experts and our solutions being easy to use, the team were able to take on the challenge and ensure the installation was completed to an award-winning standard."*

For more on ACO Building Drainage and the roofing solutions they provide, see **www.aco.co.uk**.

ACO's Patented® Blue Roof System

Sustainable water management is a critical concern for those in construction and property development. With the impact of climate change and stringent drainage regulations, ACO's blue roof system offers an ideal solution, balancing environmental responsibility with regulatory compliance.

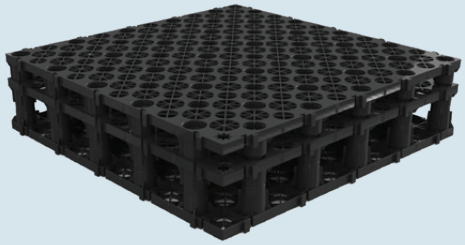
Blue roofs are designed to store and control rainwater, releasing it gradually to prevent overwhelming local drainage systems. ACO's patented system provides both efficiency and resilience in water attenuation. ACO works with selected roofing partners who can offer single point warranties on the full roof build-up.

Key components include:

RoofBloxx system

ACO RoofBloxx is a complete roof attenuation system for blue and blue green roofs, providing drainage layers that allow architects to design multi-functional green spaces. It features a shallow, high-strength geocellular storage void and a flow control system, compatible with ACO roof outlets.

When used with the ACO Blue Roof Flow Restrictor, it can effectively manage rainwater run-off and support passive irrigation for sedum roofs with the addition of reservoir trays or capillary wicks.



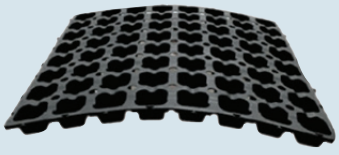
Flow restrictor

The ACO Blue Roof Flow Restrictor controls rainwater run-off from blue and blue green roofs, preventing overloading. It is custom-designed to fit specific project needs and works with ACO and other outlets. Made from corrosion-resistant stainless steel, it includes a built-in overflow for safe drainage and supports green roof irrigation. The design reduces blockages and ensures secure sealing with a cover to prevent debris ingress.

Reservoir tray

The ACO RoofBloxx Reservoir Tray is a lightweight, interlocking modular tray designed for optimal flexibility, allowing easy cutting to fit various shapes. Its interlocking design enhances stability by facilitating connections between adjacent trays. Made from recycled polypropylene, the trays are available in a range of heights between 30mm - 60mm with a capacity of up to 18 litres per square metre.

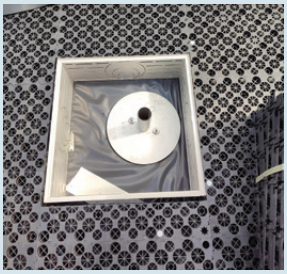
By combining these innovative components, ACO's blue roof system offers a fully compliant, modular, and sustainable solution to rooftop water management. Whether controlling run-off through the Flow Restrictor or enhancing attenuation with RoofBloxx and the Reservoir Tray, ACO's system maximises roof efficiency while contributing to a building's green credentials.

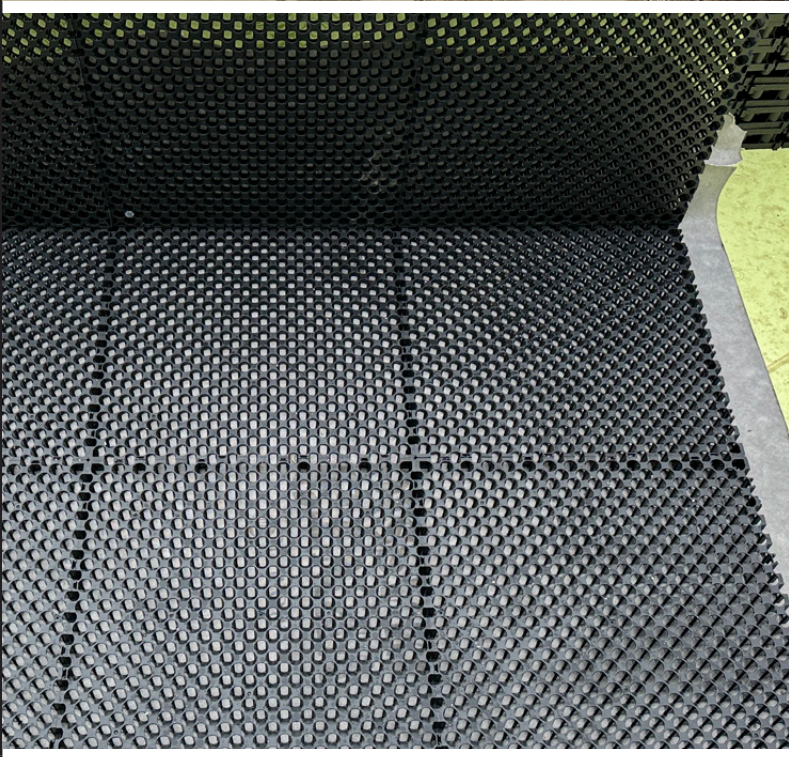


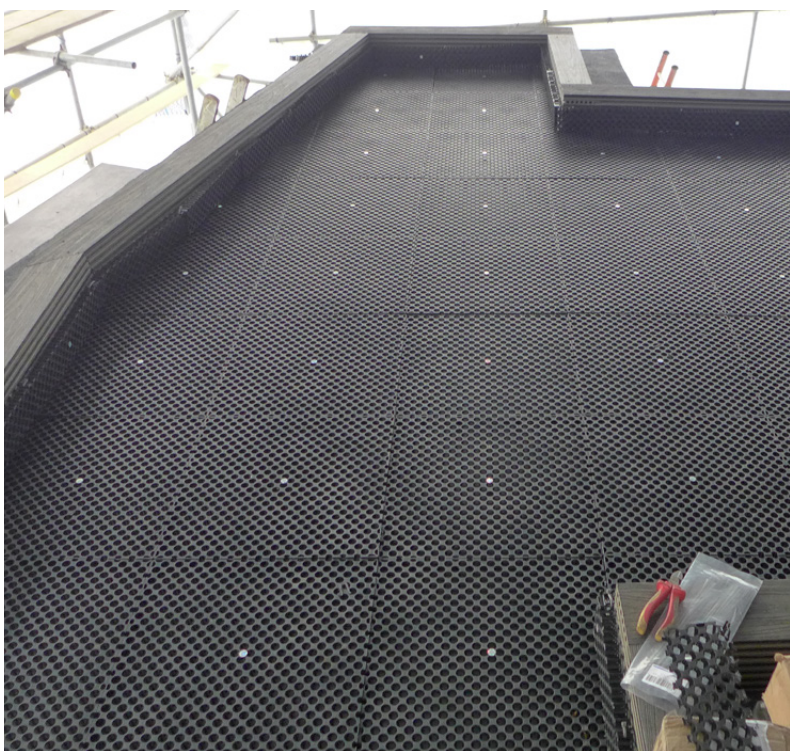
Accessories

The ACO Blue Roof Diffuser and Access Unit is a modular frame and riser system compatible with the ACO RoofBloxx range for blue-green roofs and podium decks. It functions as both an access unit and an inlet diffuser, featuring a shallow silt trap.

With an 85mm deep base frame and 165mm risers, it accommodates 68-150mm diameter pipes. Additionally, the ACOTex Plus fleece protects the roofing membrane beneath the RoofBloxx system, while the ACOTex geotextile acts as a separation layer above it. Capillary wicks enhance irrigation for blue green roofs by facilitating water distribution from the ACO RoofBloxx geocellular unit.







ACO Academy

Professional Development

COMPREHENSIVE LEARNING PROGRAMMES TO SUPPORT YOUR CONTINUING PROFESSIONAL DEVELOPMENT

Building drainage has a critical role to play in the creation of functional commercial construction where the systems, products and technologies available are continuously evolving.

We recognise that knowledge transfer is fundamental in keeping up-to-date with these latest advancements and have developed a unique online professional development and training offering for industry professionals.

With a range of CPDs available, we can work with you to develop a programme which is tailored to your teams requirements.

Blue Roof Drainage Design

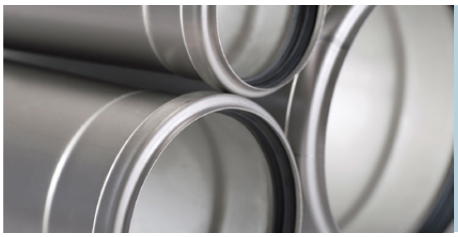
This presentation will explain the role of Blue Roofs in the creation of sustainable urban environments and cover key design considerations.

Hygienic Design for the Food and Drinks Industry

This presentation explains the critical impact hygienically designed drainage has on factory hygiene, educates participants about EHEDG's principles of hygienic design and talks about the operational and cost benefits for food and drinks manufacturers.

Effective Grease Management

Aimed at kitchen designers and consultants, contractors and commercial kitchen operators, this webinar explains the problems caused by fats, oils and grease (FOG), provides expert specification guidance for different grease management solutions and highlights industry best practice



Stainless Steel Pipe Systems

Aimed at engineers, architects and other specifiers, this presentation covers the science behind pipe and drainage specification, gives an overview of current legislation and standards, and explains how the specification process is adapting to meet changes in the built environment.

Design Requirements for Commercial Drainage

This presentation provides a comprehensive briefing on the key criteria to consider when specifying commercial drainage. Topics covered include materials, load considerations, hydraulic capacities and location specific criteria.

To book a session today or to speak to us about a CPD programme for your team, please contact **ukprofessionaldevelopment@aco.co.uk**

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Every product from ACO Building Drainage supports the ACO WaterCycle

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ACO Building Drainage

A division of ACO Technologies plc

ACO Business Centre
Caxton Road
Bedford
Bedfordshire
MK41 0LF

Tel: 01462 810400
e-mail Sales: abdcommercial@aco.co.uk
e-mail Technical: abdtechnical@aco.co.uk

www.aco.co.uk/aco-building-drainage

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