



ACO Blue Roof Restrictor

INFORMATION SHEET

ACO offers Blue Roof Flow Restrictors with integral overflow for use with ACO Blue Roof attenuation systems to safely maintain run-off within required discharge limits.

The restrictors are primarily designed for use with ACO's HP range of vertical spigot, screw, 45-degree and 90-degree roof outlets and accessories. Other types and makes of roof outlet can also be accommodated. Please contact ACO Design Services for further information.

Flow restrictors are individually tailored to suit the specific requirements of each blue or blue green roof, supporting an optimised SuDS design. They can be developed for roofs designed in accordance with BS EN 12056-3:2000 or based on attenuation-led design principles. The number and configuration of units required is unique to each project, and additional overflows should be used wherever roof outlets are not fitted with a restrictor.

Note: Provided the Blue Roof attenuation and drainage system is designed using the ACO RoofBloxx Patented system, the roof drainage will comply with both the requirements of BS12056-3:2000 and the site discharge parameters required under planning conditions.

Benefits

- Custom-made to ensure optimal blue roof drainage performance
- Design ensures the roof membrane clamp ring seal is not subjected to prolonged periods of hydrostatic pressure
- When designed by attenuation principles, large single orifice is less prone to blockages
- Integral overflow provides a failsafe drainage solution
- Design considerations can be implemented to provide enhanced drainage performance, helping to reduce blue-roof build-up height

Features

- Wide flange and clamp ring allow the secondary membrane to be dressed and sealed without disturbing the roof membrane seal
- Can be designed to include rainwater-retention (e.g. for green roof irrigation)
- Easy to access/maintain (when combined with ACO Blue Roof Diffuser and Access Unit)
- Manufactured from corrosion-resistant 304 grade stainless
- Restrictors designed with customised orifice size and positions to fit ACO Roof outlets with nominal bore size from 50-150mm as requested.