

# RL HI-FLOW ROOF DRAIN- AND OVERFLOW

For RL Ultratherm Xtreme Systems



## DESCRIPTION

The RL Hi Flow Roof Drain and Overflow is part of the Rooflogic Ultratherm Xtreme system to provide effective drainage solutions. It is compatible with Rooflogic sheet membranes, including:

- Single layer FiberTite, PVC, and TPO membranes:
- Double layer Modified Bitumen Membrane

## BENEFITS

The Hi Flow Roof Drain system incorporates the following features and components:

Can be converted from a drain to an overflow with the simple addition of a PVC pipe (included). This insert helps manage excess water and prevent water buildup on the roof.

The system includes a stainless steel clamp ring that securely holds the roofing membrane in place around the base of the drain. This clamp has a clamping force over

7 tonnes to securely fix the membrane and prevent any water ingress.

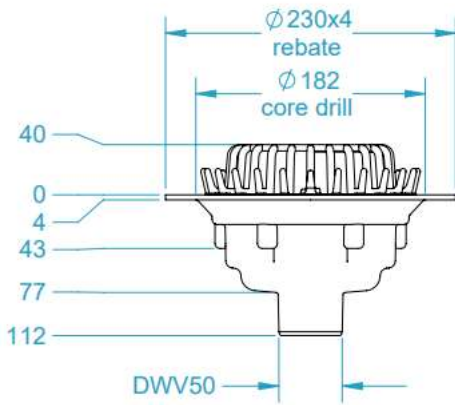
The clamping mechanism is engineered to accommodate membrane thicknesses ranging from 0 to 8mm. This allows for the installation of both multi-layer membranes and torch-on applications.

M6x25mm machine screws are used for sound installations, ensuring a secure and durable attachment of the clamp ring to the roofing membrane.

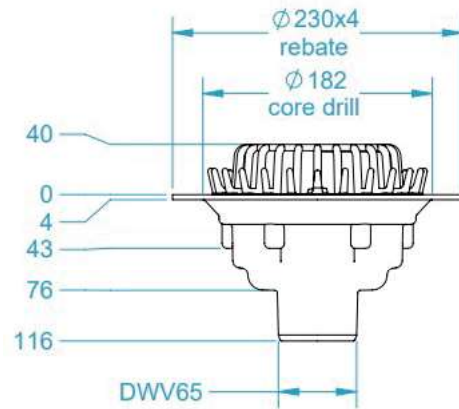
The Hi Flow Roof Drain system utilises custom machine nuts that are over-moulded, ensuring they cannot be easily loosened or removed over time. This feature adds to the long-term reliability of the installation.

The system includes a stainless steel flat lid that covers and protects the clamp ring and the membrane, providing a clean and aesthetically pleasing finish.

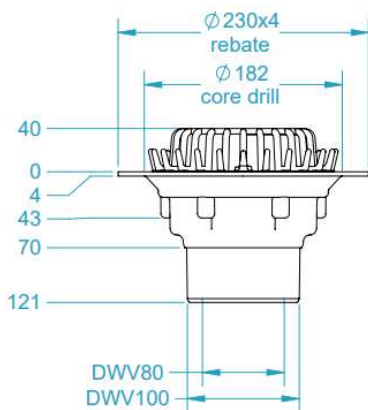
DIMENSIONS



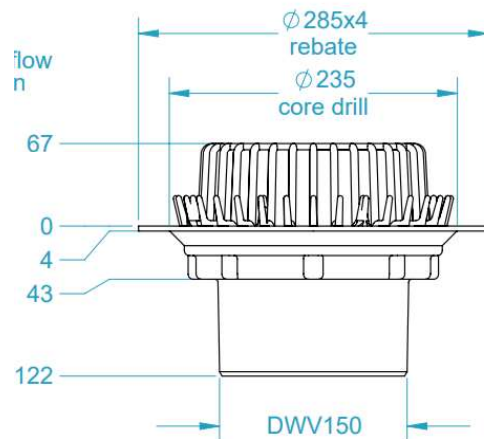
Inlet Size - 100mm  
 Outlet Size - 50mm  
 Flow Rate - 290l/min  
 Code - 3100.73



Inlet Size - 100mm  
 Outlet Size - 65mm  
 Flow Rate - Contact RL  
 Code - 3100.176



Inlet Size - 100mm  
 Outlet Size - 80mm/100  
 Flow Rate - 500 - 1000 l/min  
 Code - 3100.205



Inlet Size - 150mm  
 Outlet Size - 150mm  
 Flow Rate - 1800 l/min  
 Code - 3100.305



The area surrounding the drain in a box gutter is frequently overlooked or haphazardly filled with insulation off-cuts. This can result in a sub-par installation of the roof drain and diminished R-Values in that specific region due to thermal bridging.

The Drain Body can be supplied within an over-moulded block of closed-cell foam. This foam will match the insulation properties of the rest of the roof. This insulated solution is now accessible across the full range of Hi-Flow drains.