

Contractor UPDATE

August 2023
No: 202308

New Bitumen Refurbishment Outlets

To assist in refurbishment projects

Bauder are pleased to announce, as part of its continued commitment to provide a comprehensive set of waterproofing accessories, we are launching a range of new bitumen vertical outlets with a mechanical seal and stainless steel leaf guard for use with our RBM systems for refurbishment applications.

These new outlets are launched as an addition to our current outlet range. The new outlets have a spigot length of 400mm. The differing spigot widths will fit into most typically sized outlets, aimed at 75mm, 100mm & 150mm width openings. The mechanical seal provides a secure seal between new and existing outlet, preventing water back-up into the system should the pipework become blocked.

The new Bauder outlets that are available from 1st September 2023 are:

Bauder Bitumen Vertical Refurb Outlet DN70 with s/s leaf guard & mechanical seal. This product is supplied as standard with a stainless steel leaf guard, mechanical seal, and bituminous flange.

Part number GB14120270

The **DN70** outlet has a flow rate of **2.25l/s** based on a 35mm head of water. This outlet including mechanical seal is suitable for use into existing pipes of between **73 to 84mm** in diameter.

Bauder Bitumen Vertical Refurb Outlet DN95 with s/s leaf guard & mechanical seal. This product is supplied as standard with a stainless steel leaf guard, mechanical seal, and bituminous flange.

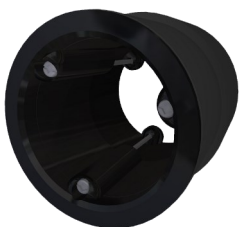
Part number GB14120280

The **DN95** outlet has a flow rate of **4.08l/s** based on a 35mm head of water. This outlet including mechanical seal is suitable for use into existing pipes of between **95 to 110mm** in diameter.

Bauder Bitumen Vertical Refurb Outlet DN145 with s/s leaf guard & mechanical seal. This product is supplied as standard with a stainless steel leaf guard, mechanical seal, and bituminous flange.

Part number GB14120290

The **DN145** outlet has a flow rate of **5.48l/s** based on a 35mm head of water. This outlet including mechanical seal is suitable for use into existing pipes of between **146 to 168mm** in diameter.



The membrane flanges are fully compatible with the respective waterproofing membranes within the bitumen system and will therefore form part of the Bauder warranty.

A separate tool will be needed to tighten the mechanical seal. This is available separately from Bauder Ltd. Insert the thin part of the mechanical seal into the outlet stem and tighten the stainless-steel screws using the mechanical seal tightening tool until the top half of the seal has expanded. The entire component is then placed into the roof drainpipe. The stainless-steel screws are then further tightened until hand tight which will expand the bottom half of the seal against the drainpipe to ensure a robust seal between the outlet and pipe is achieved. We would recommend using a suitable silicone lubricant between the seal and pipe to ensure the seal or pipe is not damaged in the process.

Bauder Mechanical seal tightening tool Part number GB14120300



A 10mm spanner/socket will be required to tighten/untighten the leaf guard.

Outlet Pricing

The three new outlets and the mechanical seal tightening tool will all be included within the September RBM price list update, but can be purchased with immediate effect. Please contact your local ATM or the Bauder Sales Dept for prices.

Drainage calculations

Bauder Technical Department can carry out drainage calculations when using Bauder outlets to determine how many Bauder outlets are required per roof area.

Technical Data Sheets and detail drawings

The new Technical Data Sheets and detail drawings for these products are attached with this Contractor Update.

Delivery

The vertical outlets, complete with leafguards and mechanical seal will be delivered in a cardboard box. The mechanical seal tightening tool will also be delivered in a separate cardboard box.

What about the existing refurb outlets?

The existing refurb outlets will be phased out, along with the accompanying PIR housing and leaf guard. Once stocks of the existing outlets and housings have sold these will no longer be available.

Any existing specifications and pricing will need to be reviewed when placing orders to ensure pricing and products are correct.

If you have any questions please contact your local ATM or the Bauder Technical Dept.

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