

## BauderTHERMOFOL PVC Letterbox parapet outlet DN190 including s/s leaf guard

V1 18.04.2023

### Product description

A high flow rate PVC parapet outlet for roof drainage systems. Factory bonded membrane flange attached to the outlet allows for easy installation.

### Application fields

Specifically designed for use in through wall applications or parapets. Suitable for use in new build or refurbishment applications. For information on non-standard sizes and refurbishment applications, please contact Bauder Technical Department.  
To be used in conjunction with the letterbox parapet outlet leaf guard.



### Article Number

Thermofol PVC letterbox Parapet Outlet inc s/s leaf guard GB14120200 (dark grey)

Characteristic	Unit	Value
Polypropylene base plate	mm	340 (width) x 185 (vertical) x 80 (horizontal)
Aperture	mm	190 (width) x 85 (height)
External diameter of spigot	mm	200 x 100
PVC membrane flange	mm	550 (width) x 500 (vertical + horizontal)
PVC membrane flange thickness	mm	1.5
Polypropylene spigot length	mm	600
Weight	kg	3.44 (3.75kg including leaf guard)
Colour		Dark grey

Flow Rate	Unit	Value
Thermofol chute outlet	litres/sec	1.85*

\*Flow rate performance data using a 35mm head of water (including leaf guard), based upon requirements of BS EN 12056:3:2000.

To utilise a higher flow rate, the forming of a sump in front of the chute outlet can aid with this, increasing the head of water, meaning a possible reduction in the number of parapet chute outlet units required. For bespoke drainage calculation performance data, please contact Bauder Limited.

Characteristic – leaf guard	Unit	Value
Width	mm	345
Height	mm	140
Depth	mm	100

### Storage guidance

Store under cover in dry conditions.

### Packaging material

Typically supplied in a cardboard box (<300g readily recyclable).

### Handling/PPE

All persons using the product should be fully aware of the manual handling methods as roofing materials are heavy and can cause serious injury. When using the product, installers should be provided with, and wear, suitable personal protective equipment.

### Disposal guidance

Disposing of any waste material must be carried out in accordance to national regulations.

### Further information/ documents

Current documents such as brochures, installation guides, etc. can be found by visiting [www.bauder.co.uk](http://www.bauder.co.uk)

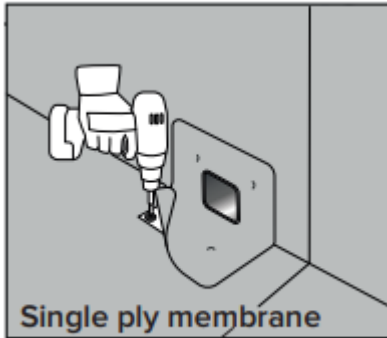
### International Standards Organisation (ISO)

**ISO 9001:2015 Quality Management**  
Certificates EN1271 (UK)

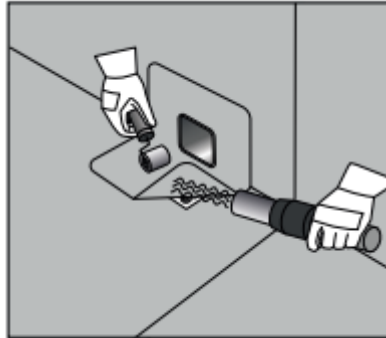
**ISO 14001:2015 Environmental Management Certificates**  
A10552 (UK)

## Installation Guidance

- Ensure all pre-installation criteria have been followed.
- Carefully push the letterbox outlet down into the parapet area to ensure a flush fit and that the spigot extends beyond the upstand wall.
- If the outlet is sitting proud, consider reducing the insulation slightly to ensure water flow is not inhibited in this region.
- Temporarily fold back to reveal pre-drilled holes, fasten the outlet into position through the insulation into the deck & upstand using suitable fixings.
- Un-fold/return the membrane flange flat to the system.
- Weld the membrane flange to the flat & upstand areas, starting at the centre and work outwards until the entire flange is welded to the Thermofol membrane.
- Leaf guard to be inserted and tightened with a spanner upon completion.



**Single ply membrane**  
The metal base plate of the outlet must be mechanically fixed to the structural deck.



### Pipe connection:

The Bauder Thermofol Letterbox Outlet is suitable to drain to external hopper heads and should remain accessible for maintenance. We do not recommend this outlet for use within concealed and inaccessible internal pipework. Connectivity to drainage pipework to be the responsibility of the plumbing contractor/drainage engineer.

When designing a rainwater scheme, the following considerations should apply:

Always make provision for an additional back-up outlet to ensure that the roof will continue to drain in the event of a blockage, even if a single outlet is deemed to have sufficient flow to drain the area concerned.

Allow a safety factor of 10% above the published maximum outlet capacity to take account of greater than designed storm intensities.

Check that all outlets are correctly installed before completion or handover.

Check that all pipe connections are secure and that the leaf guards are fitted.

All rainwater outlets should be inspected twice yearly for blockages and to clean out the outlets and remove any debris or leaf litter as part of the routine maintenance schedule.

**Safety Data Sheets are designed to provide the necessary information to recipients of substances and mixtures in the EU & UK. This product is classed as an article; therefore, this product does not have a requirement for a Safety Data Sheet.**