Technical data sheet

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BauderTHERMOFOL PVC Letterbox parapet outlet DN205 including s/s leaf guard

12.02.2026

Product description

A high flow rate (compared to a circular parapet chute) 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 GB14120320 (dark grey)

Website link

https://www.bauder.co.uk/products/pvc-letterbox-parapet-outlet-dn205

Characteristic	Unit	Value
Base plate	mm	330 (width) x 125 (vertical) x 60 (horizontal)
Aperture	mm	205 (width) x 65 (height)
External dimension of spigot	mm	215 x 70
PVC membrane flange	mm	445 (width) x 175 (vertical) x 100 (horizontal)
PVC membrane flange thickness	mm	1.5
Stainless steel spigot length	mm	600
Weight	kg	4.24 (4.55kg including leaf guard)
Colour		Dark grey
Angle of spigot	°	0
Flow Rate	**Unit**	**Value**
Thermofol chute outlet	litres/sec	2.02

*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

The product should be stored dry, protected against weathering, and must not be exposed to temperatures exceeding 35°C.
The products must not be exposed to a direct naked flame or other ignition sources, or to solvents or other chemicals. Ensure the product(s) are clear of buildings and any other storage areas. Where there are storage containers on site, these may be suitable for storing products.

Packaging material

The outlet and leaf guard will be delivered 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

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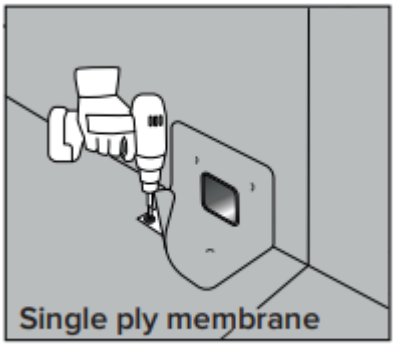
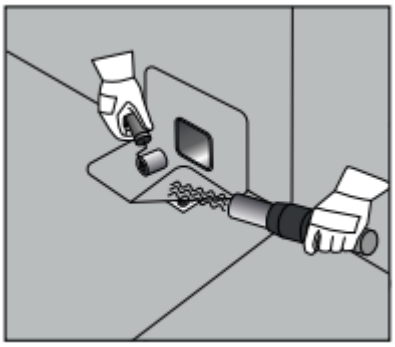
Installation Guidance

- 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.





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.

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 leaf guards are securely 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.

Outlet can be used as an emergency overflow. BS 12056 suggests the overflow is set 35mm higher than the outlet it is being used as an emergency overflow for.

Overflows/tell-tale overflows: An appropriate Engineer should consider the requirement for overflows on all roofs. A full capacity overflow should be provided when there is only one outlet on a given roof area.

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.

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