

IKO Armourplan PVC Vertical Outlet

Technical Data Sheet – Section 14.10

PRODUCT INFORMATION

Pre-formed vertical drop outlets manufactured from injection moulded PVC.

Provide a secure hot air welded solution to roof top drainage when used in conjunction with IKO Armourplan membranes.

Purchased and applied by IKO Approved contractors and installers.

All work must be undertaken in accordance with the requirements of the specific information provided with the issued IKO Specification document, or guidance documents where applicable.



OPTIONS

External Diameter	Product Code	Flange size	Spigot Length	Flow Rate
75mm	55820075	300mm	320mm	3.98 l/s
90mm	55820090	380mm	320mm	5.32 l/s
110mm	55820110	380mm	320mm	5.61 l/s
125mm	55820125	380mm	320mm	5.59 l/s
160mm	55820160	380mm	320mm	5.7s l/s

Outlet flow rates are based on a water depth of 35mm above the invert level of the outlet as recommended by UK design standard BS EN 12056-3:2000. If required, greater flow rates can be achieved if the outlets are sumped.

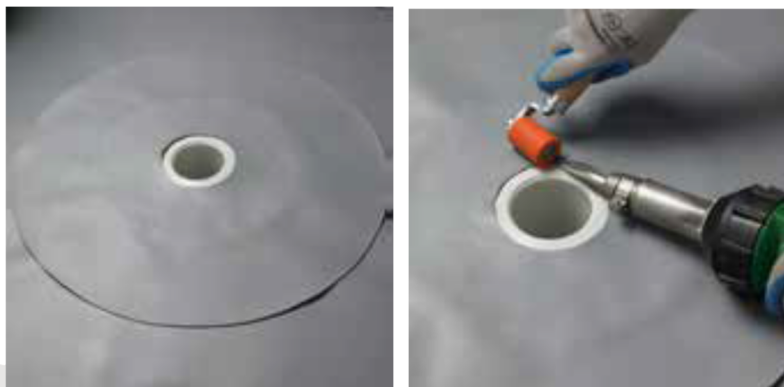
MAINTENANCE & REPAIR

IKO Technical Services recommend that their flat roofs and waterproofing systems are inspected and maintained in accordance with the guidelines given in BS6229.

BS6229 gives guidance on the content of maintenance manuals and the scope and frequency of routine maintenance inspections applicable to all flat roofing and waterproofing finishes. A flat roof should be inspected at least twice yearly; in autumn to ensure it is clear of leaves, dirt and debris, outlets are not blocked and the roof is free draining; in spring to discover and rectify any damage due to weather. Green, blue and other specialist roofs should be inspected in accordance with the designer's original inspection plan

INSTALLATION

1. Position the outlet on top of the IKO Armourplan membrane and mechanically fix through the membrane into the substrate using the appropriate fixings.
2. Membrane flashing is necessary to ensure the waterproof integrity between the field sheet and the outlet. The membrane must be sufficiently sized to allow for a pre weld and final weld onto the field sheet (80mm minimum overlap).
3. Once cut, position the rainwater outlet flashing. Allow the inner diameter hole to be 5mm (minimum) larger than the outlet opening (as illustrated).
4. Hand weld the membrane flashing to the IKO Armourplan outlet.
5. Repeat step, hand weld the flashing to the field sheet.



OTHER RELEVANT DOCUMENTATION

Where applicable, Material Safety Data Sheets (MSDS), Declaration of Performances (DoPs), and Third-Party Accreditations are available to view and download from the IKO website Resource Centre:

<https://ikogroup.co.uk/resource-centre/>

PRODUCT SUPPORT

Should you have any queries in relation to this product please contact one of the relevant teams below:

Technical

technical.ab@iko.com

- For Reinforced Bitumen Membranes, IKOpro and Flexia Liquid Applied Waterproofing, Pitched Roofing, IKO Hyload Structural Waterproofing

technical.ma@iko.com

- For Mastic Asphalt

technical.cc@iko.com

- For Single Ply and Permateg Hot Melt

Sales

sales.uk@iko.com

Marketing

getintouch.uk@iko.com

COMPANY ACCREDITATIONS

IKO PLC, a roofing, waterproofing, and insulation company, holds various accreditations that demonstrate its commitment to quality, safety, and environmental responsibility. These include ISO certifications for quality management and occupational health and safety, British Board of Agrément (BBA) accreditations for specific products and systems, and Factory Mutual (FM) approval for certain roofing systems.

All our manufacturing plants have BS EN ISO 9001, BS EN ISO 14001, BS EN ISO 45001, BES 6001, and PAS 2080 accreditation, meaning we match the quality and sustainability requirements and use responsibly sourced raw materials in our production. We also re-use by-products from manufacture, wrap products in minimal packaging, and we employ a streamlined transportation network.



IKO is also a leading member of all relevant trade associations such as NFRC, BFRA, SPRA, LRWA, MAC, RSTA, BJA and LCRIG having technical experts within the technical and standards committees to help us get informed first-hand about recent updates on technical requirements for the design and installation of roofing, waterproofing, road and bridge maintenance industry products.



DISCLAIMER

Whilst every precaution is taken to ensure that the information given in this literature is correct and up-to-date it is not intended to form part of any contract or give rise to any collateral liability, which is hereby specifically excluded.

IKO reserves the right to amend and/or withdraw this document without notice.

Intending purchasers of our materials should therefore verify with the company whether any changes in our specification, application details, withdrawals or otherwise have taken place since this literature was published.