

IKO ARMOURPLAN P PVC MEMBRANE

Technical Data Sheet – Section 14.00

PRODUCT INFORMATION

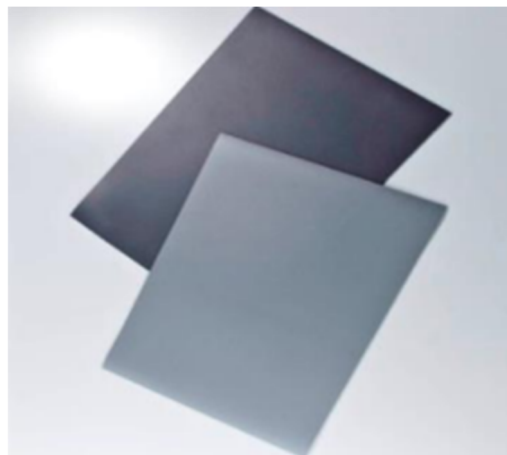
IKO Armourplan P is a polyester scrim-reinforced PVC membrane that offers enhanced mechanical properties over standard PVC membranes. It is completely UV stable throughout.

USE

IKO Armourplan P is suitable for a variety of roofing applications on both flat and sloping roofs. The membrane is suitable for mechanically fastened applications to the structural substrate of warm and uninsulated roof build ups.

The product must be applied by an IKO Approved Installer. 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.

As this product is utilised within an Approved Contractor network and guided by an IKO Specification document, where omission or differing information exists the IKO Specification document will take precedence.



OPTIONS

Product	Roll Size	Product Code	Colour
IKO Armourplan P	20m x 1.06m x 1.2mm	47010612	Mid Grey
IKO Armourplan P	20m x 2.12m x 1.2mm	47021212	Mid Grey
IKO Armourplan P	20m x 1.06m x 1.2mm	47210612	Slate Grey
IKO Armourplan P	20m x 2.12m x 1.2mm	47221212	Slate Grey

COMPOSITION

Material:	PVC-P
Reinforcement:	Woven Polyester Scrim
Form:	Roll
Weight (1060mm roll):	36kg
Weight (2120mm roll):	72kg
Colour:	Mid Grey (nearest RAL 7046)/Slate Grey (nearest RAL7015)
Thickness:	1.2mm

FEATURES & BENEFITS

- Lightweight and flexible
- Strong, long lasting welded seams
- UV resistant
- BBA certified

INSTALLATION

Carefully unroll the IKO Armourplan P membrane over the previously prepared substrate. Ensure that the membrane runs perpendicular to structural metal decks.

Install the IKOfix fasteners, using an appropriate installation tool, 30mm from the outside edge. Fasteners must be installed at the fixing centres provided in the wind load calculation within the IKO specification.

Unroll the next roll of the membrane and ensure that the side overlaps the previously installed sheet by a minimum 110mm. Hot air weld the side laps with an automatic welder or hand held hot air gun and allow to cool completely. Mechanically check the integrity of the cooled weld by running a seam probe tool (with rounded edges) along the seam, applying pressure into the seam.

In corners and other areas where additional fastening is required in accordance with the wind load calculation, install IKOfix fasteners through the roof sheet and cover with a 200mm wide strip of IKO Armourplan P. Hot air weld both side laps and end laps.

At upstand abutments and at all roof penetrations, secure the IKO Armourplan P membrane with IKOfix toothed flat bars. Cover 10mm gap in the IKOfix toothed flat bar with a 50mm x 50mm piece of IK Armourplan P and weld to the roof sheet.

Apply waterproofing to the IKOfix toothed flat bar with the upstand flashing hot air welded to the roof sheet.

To complete the installation of IKO Armourplan P, the system includes a wide range of accessories, including detailing and walkway membranes, cover strips, preformed corners and outlets, standing seam profiles, pre-coated metal sheets for forming edge details, IKOfix fastening systems and termination bars, insulation and vapour control layers, adhesives, cleaners and sealants.

NB: This is a guide only – please refer to Armourplan Installation Guide for Contractor notes.

PRODUCT ACCREDITATIONS



This product carries a Declaration of Performance Certificate, Agreement Certificate 05/4287 and is UK conformity Assessed.

Copies of the relevant certification may be downloaded from the IKO website <https://ikogroup.co.uk/resource-centre/>

MAINTENANCE & REPAIR

Maintenance must be undertaken in accordance with the terms of the guarantee. The waterproofing must be protected from any follow-on trades or other works that may affect the waterproofing. Once completed, access will be required for future inspections and maintenance. Maintenance of drainage outlets, plant items and services etc. will be required to ensure the long-term performance of the waterproofing system.

The client is to ensure safe access is provided to allow maintenance. Unauthorised access should be prevented from all parties not associated with the installation of the waterproofing, inspection or maintenance. Designated walkways should be provided for maintenance and means of escape.

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 Permasec 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, and BES 6001 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.