

Armourplan SG120

1.2mm Fleece Backed Single Ply PVC Roofing Membrane

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Introduction

Armourplan SG120 is a 1.2mm thick polyester-reinforced fleece-backed PVC single ply roofing membrane suitable for use in a wide range of roofing applications on both flat and sloping roofs. The membrane can be installed onto most common substrates and is suitable for both new build and refurbishment installations and for specialist applications such as simulated metal roofs.

Armourplan SG120 is adhered and forms a sleek skin on many types of roof application. All overlaps are heat welded using suitable hot-air welding equipment.

Features and Benefits

- Good UV resistance and durability
- Good mechanical properties and product performance
- Efficient and safe installation
- Secure seam welding quality
- Aesthetically pleasing finish
- Complete range of fixings and accessories available

Product Details

Roll Dimensions

| | Thickness | Roll Width Options | Length | Colour |
|------------------|-----------|-----------------------|--------|------------------------|
| Armourplan SG120 | 1.2mm | 1.06m / 1.50m / 2.12m | 20m | Mid Grey or Anthracite |

Material Composition

| Element | Material |
|----------------|-------------------------------|
| Material | PVC-P |
| Reinforcement | Polyester knitted fabric |
| Fleece Backing | 120g/m ² Polyester |

Typical Properties

| Property | Test Method | Unit | Result |
|------------------------------------|-------------|------------------|----------|
| Weight | EN 1849-2 | g/m ² | 1790 |
| Tensile strength | EN 12311-2 | N/50mm | MD >1100 |
| | | | TD >1100 |
| Elongation at break | EN 12311-2 | % | MD >20 |
| | | | TD >20 |
| Tear strength | EN 12310-2 | N | MD >200 |
| | | | TD >200 |
| Dimensional stability 6hrs at 80°C | EN 1107-2 | % | MD <0.5 |
| | | | TD <0.5 |

Notes: MD – Machine Direction TD – Transverse Direction

System Components

To complete the installation of Armourplan SG120, the system includes a wide range of accessories, including detailing and walkway membrane, cover strips, preformed corners and outlets, standing seam profile, pre-coated metal sheet for forming edge details, IKOfix fastening systems and termination bars, insulation and vapour control layers, adhesives, cleaners, sealants and rooflights.

Other Product Information

IKO Single Ply is a trading division of IKO PLC. Full product literature, health & safety and technical sheets are available as downloads from our website: www.ikosingleply.com or on request by email: marketing@ikogroup.co.uk

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