

# Armourplan SG120

Product Data Sheet  
April 2012

## 1.2mm Fleece Backed Single Ply PVC Roofing Membrane

### Introduction

Armourplan SG120 is a 1.2mm thick glass tissue 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	Length	Colour
Armourplan SG120	1.2mm	2.12m	20m	Mid Grey or Slate Grey

#### Material Composition

Element	Material
Material	PVC-P
Reinforcement	Glass tissue
Fleece Backing	120g/m <sup>2</sup> Polyester

#### Typical Properties

Property	Test Method	Unit	Result
Weight	EN 1849-2	g/m <sup>2</sup>	1790
Tensile strength	EN 12311-2	N/50mm	MD >650
			TD >650
Elongation at break	EN 12311-2	%	MD >150
			TD >150
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 Information

Full product literature, health & safety and technical sheets are available as downloads from our website: [www.ikosingleply.com](http://www.ikosingleply.com) or on request by email: [marketing@ikogroup.co.uk](mailto:marketing@ikogroup.co.uk)

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