

Armourplan PSG120

Product Data Sheet
May 2012

1.2mm Fleece Backed Single Ply PVC Roofing Membrane

Introduction

Armourplan PSG120 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 is UV stable throughout and can be installed onto most common substrates. It is suitable for both new build and refurbishment installations and for specialist applications such as simulated metal roofs.

Armourplan PSG120 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

- UV stable throughout
- Excellent durability
- Good mechanical properties and product performance
- Efficient and safe installation
- Secure seam welding quality
- 150gsm fleece backing offering enhanced aesthetics
- Complete range of fixings and accessories available

Product Details

Roll Dimensions

	Thickness	Roll Width	Length	Colour
Armourplan PSG120	1.2mm	2.12m	20m	Mid Grey (RAL 7046)

Material Composition

Element	Material
Material	PVC-P
Reinforcement	Glass tissue
Fleece Backing	150g/m ² Polyester

Typical Properties

Property	Test Method	Unit	Result	
Weight	EN 1849-2	g/m ²	1820	
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 PSG120, 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 or on request by email: marketing@ikogroup.co.uk

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