

Armourgum

Product Data Sheet
September 2012

Description

Armourgum high performance roofing systems comprise a family of membranes. The products are specially designed for torch application – using APP modified bitumen coatings to provide ideal torching characteristics coupled with a high degree of flexibility.

Torch-on materials are often chosen for repair/refurbishment work, overlaying the existing roofing, e.g. asphalt. No hot bitumen and associated plant are required, and for many contracts, the speed of contract is faster than pour and roll techniques.

Benefits Armourgum

- Torch-on application
- Tough polyester base
- APP modified bitumen coating
- Track record of proven performance
- 10 year materials guarantee

Armourgum finishes

Dimensions and weights (Typical Values)

	Armourgum 3 Talc	Armourgum 4 Green
Roll width(m)	1	1
Roll length(m)	10	10
Weight kg/m ²	3.6	5
Roll weight kg	36	50
Thickness mm	3	4.0

Typical performance

	N	N
Tensile strength		
Longitudinal	650	650
Traverse	410	410
Elongation at break	%	%
Longitudinal	25	25
Traverse	28	28
Low temperature		
Flexibility (°C)	-7.5	-12.5
Dimensional Stability	0.4%	0.4%

Armourgum membranes are available in talc or Green slate finish.

The Armourgum product range

- **Armourgum 4**

A high performance 4.0 mm cap sheet with a polyester base coated in APP modified bitumen. This combination provides a high degree of flexibility and toughness, creating a durable, long life roofing membrane. Armourgum 4 is ideal for the repair of built-up and asphalt roofs in a single layers. Alternatively, Armourgum 4 may be used in a multi-layer system over Armourgum 3 underlay. The upper surface of Armourgum 4 has a slate finish the lower surface is coated with a heat dispersible film.

- **Armourgum 3**

An underlay with a polyester base coated with APP modified bitumen. The upper surface is finished with talc and the underside with a heat dispersible film.

Application

Armourgum torch-applied membranes should be installed in accordance with BS 8217: 2005, Code of Practice for built up roofing and to IKO's specifications.

Armourgum application should follow the recommended good practices for torch-applied membranes. Care must be taken when using Armourgum in close proximity to combustible materials, decorative coatings and heat sensitive materials.

Apply Armourgum by melting the heat dispersible backing and coating to create a molten flow in front of the roll. The flame of the torch should be applied at the low point where the roll meets the substrate or underlay. As the film and bitumen melt, roll the roofing forward. A bead of bitumen must exude from all lap joints to ensure to seal.

Other products

IKO manufacture and supply a wide range of other roofing and waterproofing products for tanking and bridge decking requirements, as well as solutions and compounds.

Technical services

All IKO products and accessories are supported by a specialist Technical Sales force and Technical Services Department, which provide assistance and advice on good detailing and application techniques.

Health and Safety

A separate health and safety data sheet is available on request.

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