

APP Torch-on Underlays



Product Data Sheet

Talc 4mm Torch/Glassgum/Universal Underlay

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Features and benefits

- Polyester or glass fibre base options
- High softening point bitumen coating
- Durable performance
- Strong and flexible
- Torch application
- Easily detailed

Range Description

The IKO PLC range of APP torch applied underlays are designed for use with the complete range of torch-on cap sheets, including Permatorch 4.5, Challenger APP, Turbo Torch and Adesso. The range includes a polyester based, 4.0mm thick talc surfaced product (Talc 4mm Torch), an enhanced performance reinforced glass fibre based underlay (Glassgum Underlay) and a standard glass fibre based underlay (Universal Underlay). The products are surfaced on the underside with a flame dispersible polyethylene film, to allow torch application and on the top side with either fine sand or talc. (See *Product Range overleaf*).

Product Details

Nominal Product Dimensions	Talc 4mm Torch	Glassgum Underlay	Universal Underlay
Product Code	67360000	72100102	67170000
Nominal Roll Weight kg	32	39	32
Roll Length m	8	15	16
Roll Width m	1	1	1
Nominal Thickness mm	4.0	2.2	2.0
Pallet Quantity	25	25	30
Product Components			
Base	Polyester	Glass fibre (reinforced)	Glass fibre
Base Weight g/m ²	180	50	50
Product Performance			
Tensile Strength (MD) N/50mm	500	450	150
Tensile Strength (TD) N/50mm (Moat 27: 6C: 1984)	400	305	150
Elongation (MD) %	30	2.0	2.0
Elongation (TD) % (Moat 27: 6C: 1984)	40	2.0	2.0
Low Temperature Flex °C (Moat 27: 6D: 1984)	-5	-10	-10

Product range

APP Torch-on Talc

APP Torch-on Talc (cap sheet or underlay) - Utilises a 180 g/m² polyester base, coated with APP modified bitumen. Finished with talc on the top and surfaced on the underside with flame dispersible polyethylene. For use as a high performance underlay or as a cap sheet with finishes like bedded chippings or promenade tiles.

Glassgum Underlay

Glassgum Underlay (enhanced performance underlay) - Utilises a 50g/m² glass fibre base (reinforced with glass fibre strands), coated with high-specification APP modified bitumen. Finished with talc on the top and surfaced on the underside with flame dispersible polyethylene. For use as an underlay, offering improved tensile strength, tear resistance, handling characteristics and overall performance than the standard Universal Underlay.

Universal Underlay

Universal Underlay - Utilises a 50g/m² glass fibre base, coated with APP modified bitumen. Finished with talc on the top and surfaced on the underside with flame dispersible polyethylene. For use as an economic underlay.

Application

Torch-on roofing membranes should be installed in accordance with BS 8217: 2005, Code of Practice for Reinforced bitumen membranes for roofing, and to IKO PLC specifications. The application should follow the recommended good practices for torch-applied membranes. Care must be taken when applying torch-on membranes in close proximity to combustible materials, decorative coatings and heat sensitive materials.

Apply torch-on roofing 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 underlay. As the film and bitumen melts, roll the roofing forward. NB. A bead of bitumen must exude from all lap joints to ensure a seal.

Other products

Full product literature, health & safety and technical sheets are available as downloads from our website www.ikogroup.co.uk or on request by email: marketing@ikogroup.co.uk

IKO PLC

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