

# Challenger APP



## Product Data Sheet

### Polyester Based Roofing Torch-On Cap Sheet

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#### Features and benefits

- Torch-on application
- High softening point coating
- Strong and durable APP modified bitumen membrane
- Low temperature flexibility  $-5^{\circ}\text{C}$
- 10 year material guarantee

#### Description

Challenger APP is an economical polyester based torch-on membrane, coated with a high softening point APP modified bitumen coating.

The Challenger APP membrane provides a reliable and effective flat roof waterproofing cap sheet that combines the qualities of performance, good handling characteristics and economy. It can be applied onto suitable pour & roll or torch-on underlays as part of a built-up system, or as a refurbishment overlay to existing asphalt or selected mineral surface bitumen membranes. (Note: For a list of suitable torch-on underlays see separate APP Torch Underlays data sheet.)

#### Product Details

Dimensions and weights	Challenger APP Green Slate
Product Code	50240000
Roll weight kg	35
Weight kg/m <sup>2</sup>	4.4
Roll length m	8
Roll width m	1
Thickness mm (nominal)	4
Selvedge width mm	75
<b>Product components</b>	
Base	Polyester
<b>Product performance</b>	
Tensile strength (MD) N/50mm Tensile strength (TD) N/50mm (Moat 27: 6C: 1984)	500 400
Elongation (MD) % Elongation (TD) % (Moat 27: 6C: 1984)	30 40
Low temperature flex $^{\circ}\text{C}$ (Moat 27: 6D: 1984)	-5

#### Challenger APP Slate

Cap sheet - utilises a polyester base, coated with APP modified bitumen, providing a very high degree of strength and durability. Available with a green slate finish and surfaced on the underside with flame dispersible polyethylene. For exposed use and needing no further finishing on site.

## Application

Challenger APP roofing membrane should be installed in accordance with BS 8217: 2005, Code of practice for reinforced bitumen membranes for roofing, and to IKO's 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 Challenger APP 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 melt, roll the roofing forward. Side joints in the sheets should be fully bonded and formed using the 75mm selvedge.

Note: 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](http://www.ikogroup.co.uk) or on request by email: [marketing@ikogroup.co.uk](mailto:marketing@ikogroup.co.uk)

### IKO PLC

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