IKO Challenger 180 Underlay

Technical Data Sheet – Section 4.40

PRODUCT INFORMATION

Manufactured with a high-performance polyester base, coated either side with a modified bitumen. Both the upper and lower surfaces are sanded to facilitate adhesion by means of hot bitumen or cold bitumen adhesive.



Surface	Product Code
Sand	50170000

USE

The product is primarily used as the underlay or intermediate layer within a bituminous built-up roofing system.

The product is also widely used as a nailed preparatory layer.

INDEPENDENT ACCREDITATION

CE 2797-CPR-537586

UKCA 0086-CPR-745786

The product caries a Declaration of Performance Certificates and is UK Conformity Assessed.

FEATURES & BENEFITS

Versatile Application - Can be bonded with hot pour & roll bitumen or cold bitumen adhesive. It can also be installed as a preparatory nailed layer.

Polyester Reinforced Carrier - Provides a strong robust base material.

Sanded Finish - Provides surface texture for excellent adhesion of the proceeding fully bonded layer.

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COMPOSITION

Bitumen Modified:		Yes
Carrier:		Polyester
Form:		Roll
Colour:		Black
Length:		20m
Width:		1m
Mass/Weight:		2kg/m^2
Roll Weight:		40kg
Surface Finishes:	(upper)	Sand
	(lower)	Sand
Selvedge:		None

INSTALLATION

Membrane Bond:	Hot bitumen/ cold bitumen adhesive
Lap Bond:	Hot bitumen/ cold bitumen adhesive

For further information please refer the 'IKO BUFR System Guidance Document'

DURABILITY

As an under layer, when installed and conditions are maintained as per IKO literature, relevant Codes of Practice and UK Building Regulations, the product will contribute to the durability stated by the respective cap sheet.

OTHER RELEVENT DOCUMENTATION

Where applicable, Material Safety Data Sheets (MSDS), Declaration of Performances (DoPs), and Third-Party Accreditations are available to view and download from the IKO website Resource Centre:
https://ikogroup.co.uk/resource-centre/

PRODUCT SUPPORT

Should you have any queries in relation to this product please contact one of the relevant teams below:

Technical technical.ab@iko.com
- For Reinforced Bitumen Membranes, IKOpro and Flexia Liquid Applied Waterproofing, Pitched Roofing, IKO Hyload Structural Waterproofing

technical.ma@iko.com
- For Mastic Asphalt

technical.cc@iko.com
- For Single Ply and Permatec Hot Melt

Sales sales.uk@iko.com

Marketing getintouch.uk@iko.com

COMPANY ACCREDITATIONS

IKO PLC, a roofing, waterproofing, and insulation company, holds various accreditations that demonstrate its commitment to quality, safety, and environmental responsibility. These include ISO certifications for quality management and occupational health and safety, British Board of Agrément (BBA) accreditations for specific products and systems, and Factory Mutual (FM) approval for certain roofing systems.

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All our manufacturing plants have BS EN ISO 9001, BS EN ISO 14001, BS EN ISO 45001, and BES 6001 accreditation, meaning we match the quality and sustainability requirements and use responsibly sourced raw materials in our production. We also re-use by-products from manufacture, wrap products in minimal packaging, and we employ a streamlined transportation network.

IKO is also a leading member of all relevant trade associations such as NFRC, BFRA, SPRA, LRWA, MAC, RSTA, BJA and LCRIG having technical experts within the technical and standards committees to help us get informed first-hand about recent updates on technical requirements for the design and installation of roofing, waterproofing, road and bridge maintenance industry products.

DISCLAIMER

Whilst every precaution is taken to ensure that the information given in this literature is correct and up-to-date it is not intended to form part of any contract or give rise to any collateral liability, which is hereby specifically excluded.

IKO reserves the right to amend and/or withdraw this document without notice.

Intending purchasers of our materials should therefore verify with the company whether any changes in our specification, application details, withdrawals or otherwise have taken place since this literature was published.

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