

IKO Ultra Mach Two Cap Sheet

Technical Data Sheet – Section 5.00

PRODUCT INFORMATION

IKO Ultra Mach Two Cap Sheet is a polyester reinforced, SBS modified bitumen cap sheet with added fire retardant. It has an upper surface finish of mineral granules and a fleece finish to the underside to facilitate an adhesive bond.

Surface	Product Code
Black	62191524
Brown	62191526
Green	62191522



USE

This product is for use as a single layer waterproofing cap sheet either partially bonded using a specified IKO polyurethane adhesive, or as a mechanically fastened application within an IKO high-performance built-up roofing system specification.

The product must be applied by an IKO Approved Installer. All work must be undertaken in accordance with the requirements of the specific information provided with the issued IKO Specification document, or guidance documents where applicable.

As this product is utilised within an Approved Contractor network and guided by an IKO Specification document, where omission or differing information exists the IKO Specification document will take precedence.

INDEPENDENT ACCREDITATION



The product carries a Declaration of Performance Certificate, Agreement Certificate 00/3760, and is UK Conformity Assessed.

FEATURES & BENEFITS

High Performance – Exceptional dimensional stability and tensile strength.

Fire Performance – Incorporates Prevent Graphite Fire Wall Technology with self-extinguishing properties.

High Specification – Forms part of an IKO flat roofing specification offer.

Single Layer Solution – Robust bituminous single ply

Flame Free Application – PU adhered or mechanically fixed, laps secured using hot air welders.

COMPOSITION

Bitumen Modification:	SBS
Carrier:	Polyester
Form:	Roll
Colour:	Black/ Brown/ Green
Length:	7.5m
Width:	1m
Mass/Weight:	5.4Kg/m ²
Roll Weight:	40.5kg
Surface Finishes:	(upper) Mineral (lower) Fleece
Selvedge:	(upper) 120mm

INSTALLATION

Membrane Bond:	Adhesive bond Mechanical fixing
Lap Bond:	Hot air weld (80mm)

DURABILITY

Mineral cap sheets -

A mineral cap sheet will, to some extent and through its lifetime, shed some mineral. During the roofing membrane manufacturing process, mineral is applied into the hot top coating of bitumen. An excessive amount of mineral is used to provide total and complete coverage of the roll and the loose granule will naturally fall away after installation.

Batch colour variations -

The mineral is a natural product and at times there may be a shade variation, this does not affect the waterproofing quality or the performance of the waterproofing membrane.

Once the membrane has been installed IKO will not be held liable for any such claims regarding colour variations and mineral loss, unless proven by IKO to be a product failure.

OTHER RELEVANT 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 Permasec 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.

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.