IKO TGX System

Technical Data Sheet – Section 4.60

PRODUCT INFORMATION

IKO TGX Cap Sheet is a fully bonded torch-applied, polyester reinforced, SBS modified bitumen cap sheet able to cope with greater ranges of ambient temperature whilst maintaining superior flexibility. It has an upper surface finish of mineral granules and a thermo-fusible film on the underside.

IKO TGX Underlay is a fully bonded torch-applied, glass fibre reinforced, SBS modified bitumen underlay. It has an upper surface finish of sand and a thermo-fusible film on the underside.



Product	Product Code
TGX Underlay	MW170700
TGX Capsheet Green	MW170702
TGX Capsheet Black	MW170703
TGX Capsheet Brown	MW170704

USE

These products combined can be used to provide built-up flat roofing solutions in both domestic and commercial situations.

INDEPENDENT ACCREDITATION

CE 2797-CPR-537586

UKCA 0086-CPR-745786

These products carry Declaration of Performance Certificates and are UK Conformity Assessed.

FEATURES & BENEFITS

SBS Modified Bitumen - Retains excellent flexibility under ambient temperature fluctuations for enhanced system longevity.

Range of Surface Colours - Green, Black, and Brown

IKO PLC is a company registered in England with company no. 2678296

COMPOSITION

TGX Underlay

Bitumen Modification:		SBS
Carrier:		Glass
Form:		Roll
Finish:		Sand
Length:		16m
Width:		1m
Mass/Weight:		2kg/m²
Roll Weight:		32 kg
Surface Finishes:	(upper)	Sand
	(lower)	Thermo-Fusible Film
Selvedge:		None

TGX Cap Sheet

Bitumen Modification:		SBS
Carrier:		Polyester
Form:		Roll
Colour:		Green/ Black/ Brown
Length:		8m
Width:		1m
Mass/Weight:		4kg/m²
Roll Weight:		32 kg
Surface Finishes:	(upper)	Mineral
	(lower)	Thermo-Fusible Film
Selvedge:	(upper)	75mm

INSTALLATION

Membrane Bond:	Torch-applied
Lap Bond:	Torch-applied

For further information please refer the ‘IKO BUFR System Guidance Document’

DURABILITY

When installed as a complete built-up roof system and conditions are maintained as per IKO literature, relevant Codes of Practice and UK Building Regulations, the TGX system has a 10-year IKO material guarantee.

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.

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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.

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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