IKO Shed Felt

Technical Data Sheet – Section 4.70

PRODUCT INFORMATION

A traditional single layer mechanically fixed, glass fibre reinforced, SBS modified bitumen membrane. It has an upper surface finish of fine mineral and is sanded on the underside.



Surface	Product Code
Green Mineral (8m)	56041000
Red Mineral (8m)	56042000
Black Mineral (8m)	56044000
Green Mineral (10m)	56020049
Black Mineral (10m)	56045000

USE

This product is intended for use over non-habitable structures as a single layer application to boarded pitched roofs at or exceeding a pitch of 20 degrees. Typically, applications include apex or pent garden sheds, kennels, and hutches.

INDEPENDENT ACCREDITATION

CE 2797-CPR-537586

UKCA 0086-CPR-745786

The product carries a Declaration of Performance Certificate and is UK Conformity Assessed.

FEATURES & BENEFITS

Glass Fibre Reinforced Carrier - Provides an economical base material.

SBS Modified Bitumen - Retains excellent flexibility under ambient temperature fluctuations.

Mineral Finish - Provides UV stability.

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COMPOSITION

Bitumen Modification:		SBS
Carrier:		Glass Fibre
Form:		Roll
Colour:		Green/ Black/ Red
Length:		8m/ 10m
Width:		1m
Mass/Weight:		1.88kg/m²
Roll Weight:		16kg/ 19.75kg
Surface Finishes:	(upper)	Fine Mineral
	(lower)	Sand
Selvedge:		None

INSTALLATION

Membrane Bond:	Mechanically fixed
Lap Bond:	Bitumen adhesive and mechanically fixed

Material Handling

Handling: Material should be unloaded and handled with care to avoid damage.
Site Storage: Material should be stored on end on a firm, level clean base protected from direct sunlight.

Prior to Commencement

Application must always follow good, safe working practice.

Prior to commencing works it is advisable assess the work area irrespective of levels of competence, ensuring all works are being planned and undertaken in a safe, pragmatic manner.

Temperature should be a consideration, with works being undertaken ideally at temperatures over 10°C. Avoid installing in wet or very cold weather.

Preparation

Before commencement of the roofing works, the installer should ensure that the surfaces to receive the IKO Shed Felt are sound, clean, and dry.

On existing roofs all old roofing felt should be removed, with the roof structure checked for adequacy and strength prior to new work being undertaken. Protruding nails should be removed, or hammered home where possible

The IKO Shed Felt should be unrolled onto a clean, flat surface at least 30 minutes prior to installation as this assists with the final installation. Do not use lawn surfaces as the preparation area, as this can cause temporary yellowing of the grass.

Setting Out & Fixing

Place the first strip of IKO Shed Felt at the lowest part of the roof, so that it overhangs the eaves by 50mm, and over the gable edges of the roof by 50mm.

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Use extra-large headed galvanised clout nails to provide mechanical fixings for all follows steps:

- Fix in position by nailing the top edge of the felt at 500mm centres.

- Slowly and carefully fold overhangs over the edges of the roof, and nail at 50mm intervals. Corners should be folded and nailed to create a neat finish.

- Each subsequent sheet should be placed to achieve a 75mm overlap with the previous sheet and 50mm overhangs to gable edges. Fixing the upper edge and overhanging edges of each progressive sheet as before. Carefully apply IKOpro Roofing Felt Adhesive to the area of the overlapping sheets. Firmly press the surfaces together, and finish the joint by nailing at 50mm intervals.

- To finish the roof ridge, cut a capping strip 300mm wide. Fix to the ridge with IKOpro Roofing Felt Adhesive, and dress down the slope creating 150mm overlaps with the previous sheets on each slope. Nail the lower edges at 50mm intervals to each slope.

Complete by fixing timber strips to the gable ends.

DURABILITY

Life expectancy on this product is up to 5 years when installed as per manufacturer guidance.

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 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/

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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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