

# Fibre Based Roofing



## Product Data Sheet

### Traditional Felt Roofing Products For Non-Habitable Buildings

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#### Features and benefits

- Traditional products
- Economy roofing materials
- Nail fixing, cold adhesive or pour and roll hot bitumen application

Not recommended for use on habitable buildings.

#### Description

This type of traditional roofing felt is composed of a fibre base saturated and then coated with bitumen and surfaced with either sand or a slate finish. Used as a single, two-layer or three-layer application, these products are for use as temporary waterproofing or for use on sheds or garden buildings.

#### Product range

##### Top Sheet Green Slate

Heavyweight, green slate surfaced top layer, for use as the cap sheet to a multi-layer system or a single layer on shed roofs. Roll size 10m x 1m

##### Heavy Underlay

Heavyweight sanded roofing felt, for use as an underlay to a multi layer system or as a cap sheet where the surface is dressed with stone chippings. Roll size 10m x 1m

##### Medium Underlay (10m)

Sanded roofing felt, for use as an underlay to a multi layer system or as a single layer for shed/hutch roofs. Roll size 10m x 1m

##### Medium Underlay (20m)

Sanded roofing felt, for use as an underlay to a multi layer system or as a single layer for shed/hutch roofs. Roll size 20m x 1m

##### Light Underlay

Lightweight sanded roofing felt, for use as an economical underlay to a multi layer system. Roll size 10m x 1m

##### Shed Felt

Fine green slate surfaced roofing felt, for use as an economical single layer shed felt. Roll size 10m x 1m

#### Application

These products are now used generally only for sheds, garden building etc. There are better performing products available that will give increased performance and life expectancy than traditional Fibre Based Roofing membranes, and as previously indicated these products are not suitable for habitable buildings.

Where applicable, Fibre Based Roofing membranes should be installed in accordance with the relevant sections of BS 8217: 2005, Code of practice for reinforced bitumen membranes for roofing and to IKO's specifications.

If applied by traditional pour and roll methods, hot bitumen is poured (or applied by a mop) in front of the roofing felt roll, which is then unrolled into the bitumen, spreading it to give a continuous coating for the full width. The membrane is applied with minimum 75 mm side and end laps.

Built-up systems can equally be formed using IKOpro HP Cold Adhesive, however the general bonding principles still apply.

Where using Fibre Based Roofing in a built-up system to a garage or outbuilding, it is typically installed in a two or three layer system. In a two-layer system both layers should be fully bonded, the underlay being bonded to a suitable substrate. In a three-layer system the cap sheet and intermediate layers should be fully bonded to a random nailed, or partially

bonded, preparation layer depending on the substrate. Detailed specification advice is available from the IKO Technical Services Department.

Where used as a single layer on a pitched shed roof, Fibre Based Roofing should be nail fixed with the laps fully sealed in IKOpro HP Cold Adhesive .

#### Cold Weather Working

Fibre based membranes are coated with oxidised bitumen which remains flexible down to +5°C. During the winter months care must be taken when handling and installing these products in cold conditions to prevent cracking and damage occurring. During cold weather it is recommended that rolls are stored at a temperature above 10°C for 24 hours prior to use, and not unrolled or folded in ambient temperatures below +5°C.

#### **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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