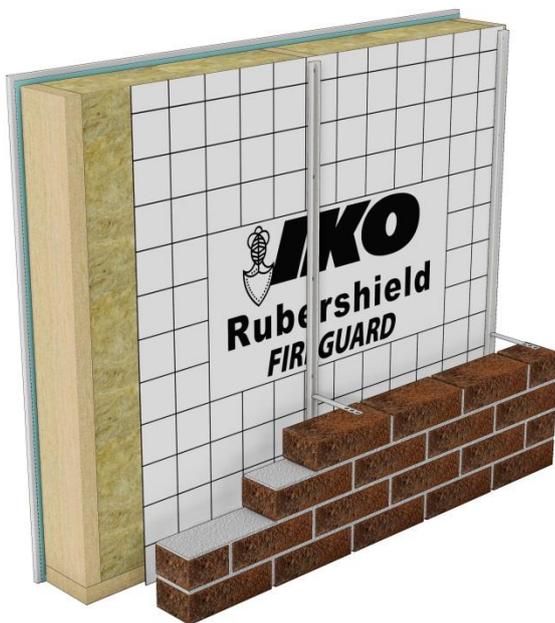


IKO RUBERSHIELD FIREGUARD HOUSEWRAP

PRODUCT INFORMATION

IKO Rubershield Fireguard Housewrap is a 90g/m² low flammability, vapour permeable membrane, for use within framed wall construction as a house wrap.

Roll Dimensions	Product Code
1.5m x 50m	11400000



USE

The product can be used as a house wrap within framed wall construction.

INDEPENDENT ACCREDITATION



DOP_MPHW.BS1D0_01

The product carries a Declaration of Performance Certificate and is assessed under the above Harmonised Standard.

FEATURES & BENEFITS

Breathable - product allows the passage of harmful water vapour.

Weather resistant - product acts as a secondary barrier to liquid water, wind driven snow and debris.

Lightweight & flexible - ease of transportation and use on-site.

Reaction to fire rating - product carries a B-s1, d0 classification under BS EN 13501-1, EN ISO 11925-2.

PERFORMANCE & COMPOSITION

Composition:	Non-Woven polypropylene
Form:	Roll
Colour:	White

General Dimension Data

Length:	50m
Width:	1.5m
Mass/Weight:	90g/m ²

Performance Data

Reaction to fire (EN 13501-1):

Free Hanging/ on mineral Wool	B-s1, d0
Other substrates	E

Resistance to water

Penetration (EN1928):	W1
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Water vapour transmission

(EN ISO 12572):	0.02m Sd
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SPECIFICATION

All construction detailing and specification should conform to UK Building Regulations, relevant Codes of Practice and British Standards.

In particular it is recommended that reference is made to the relevant parts of:

BS5250: Code of practice for control of condensation in buildings.

Particular attention should be made to ensure wall installations allow for the inclusion of an Air & Vapour Control Layer as per the recommendations of BS 5250.

Where required by building warranty providers i.e. NHBC, LABC, etc. installers and those undertaking specifications should seek guidance from Technical Standards as issued by the provider in addition to the above.

SYSTEM COMPONENTS

All laps should include IKO Rubershield Jointing Tape (double sided) and IKO Rubershield Lap Tape (single sided).

SITE STORAGE

Material should be checked to ensure that it conforms to the project specification.

IKO Rubershield membranes should be stored palletised or on their sides on a smooth clean surface, under cover and protected from the weather.

Material should be unloaded and handled with care to avoid damage. It should be stored on end on a firm, clean base, and be protected against atmospheric exposure, especially sun radiation and other heat sources, as well as against moisture and rain.

CONSTRUCTION

The products must be secured with stainless steel staples or large headed clout nails at regular intervals; these intervals should not exceed 500 mm.

Upper layers should overlap lower layers to shed water away from the sheathing, and should be minimum 100mm. Vertical laps should be 150 mm and should be staggered wherever possible (see Figure 1).

It is essential that the lowest timbers in the wall are protected by the breather membrane by overlapping by 100mm.

Fixing to timber/sheathing

Fix IKO Rubershield Fireguard Housewrap with stainless steel staples or clout nails. Fixing should be fixed flush and not stand proud. Fixing should be undertaken at maximum 600mm centres horizontally and at 300mm centre vertically.

The membrane should be fixed at 150mm centre around openings and joints, and made good with IKO lap tape

Fixing to insulation

Where application of the membrane is to rigid insulation boards, this should be undertaken with expanding insulation fixing anchors or thermally broken tube fasteners.

In cladding applications battens or metal brackets could be used to fix the membrane.

Fixing to brick/block or stone

Where fixing to brick, block or stone, use a suitable masonry anchor system or masonry fixing with rubber washer.

Fixings should be a maximum 500mm centres. IKO Rubershield Jointing Tape may be used to fix the membrane in conjunction with the masonry fixings.

Fixing to cement particle board

The membrane can be temporarily fixed using the IKO Rubershield Jointing Tape.

Use self-tapping screws through the cement particle board to the support frame, use with rubber washers.

Fixing to steel

Fix to steel with an appropriate fixing with rubber washers, spacing maximum 600mm centres.

It is essential that the positions of the studs are marked on the face of the breather membrane, usually by tape, to enable fixing of wall ties/ battens.

Exposure

IKO Rubershield Fireguard Housewrap may be left exposed for up to 2 weeks, provided the membrane has been adequately secured and sealed in accordance with IKO recommendations.

Note: vapour permeable membrane are not deemed waterproof membranes and should not be used to make buildings water tight.

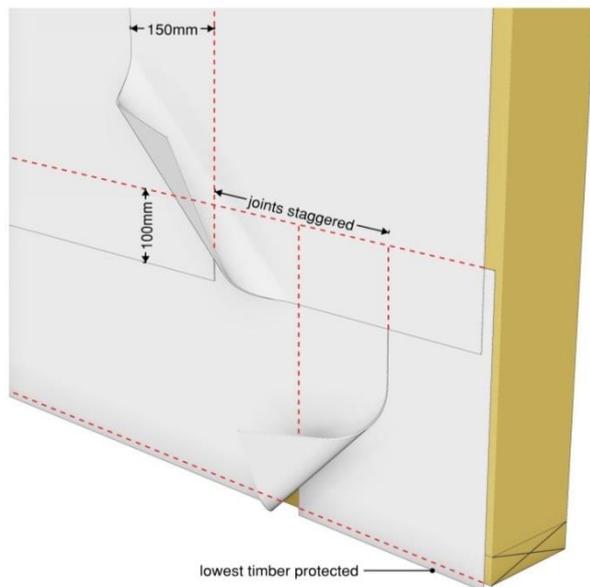


Figure 1 - Joint arrangement

(Tapes omitted for clarity)

On external corners, the membrane should be taken around corners by at least 300mm (Figure 2).



Figure 2 - External corner arrangement

(Tapes omitted for clarity)

REPAIR

This product can be damaged by careless handling, high winds or vandalism. Damage to the membrane must be repaired prior to the installation of external walls or cladding by laying another sheet over the damaged area, by patching and sealing correctly, ensuring water is shed away from the sheathing.

Any small repairs can be made using IKO Rubershield Lap Tape.

DURABILITY

When installed and conditions are maintained as per IKO literature, relevant Codes of Practice and UK Building Regulations, the product will remain unaffected by normal conditions found within the wall space and will last for the design life of the building.

Where timbers treatments have been used care should be undertaken that these are dry before the installation of the IKO Rubershield membranes.

Spray applied emulsions can pose a risk to vapour permeable membranes and in these applications the IKO permeable membrane must be protected from such application.

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 reserve 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 issued.