

Coldseal

Self-Adhesive Bitumen Membranes For Roofing

Features and Benefits

- Fire safe – no naked flames used during installation
- Easy installation – self adhesive, no gas torches or hot bitumen required
- Installation guide – full step by step fixing instructions available
- High strength – tough polyester based cap sheet
- High flexibility – elastomeric bitumen coating
- Cost effective – long life expectancy (min. 20 years)
- Guaranteed – 10 year material guarantee available
- Lightweight – two-layer system, no additional chippings required
- BBA Certification No. 02/3916

Description

The Coldseal self-adhesive roofing system has been designed to remove the requirement for hot bitumen and or naked flames for anyone installing roofing membranes.

Coldseal is a two-layer high performance system, which was originally developed for small roofs, such as those over garages, porches, extensions and dormer windows etc. However, the fire-safe benefits of Coldseal are equally applicable for large projects.

The self-adhesive application process, using no hot bitumen, gas torches or large amounts of messy liquids, makes it an ideal option for experienced contractors or competent DIY installers alike.

Dimensions and weights

	Coldseal Capsheet	Coldseal Underlay
Roll weight kg	20	18
Weight kg/m ²	3.33	2.25
Roll length m	6	8
Roll width m	1.0	1.0
Thickness mm	3.5	2.25
Selvedge mm	75	-

Typical performance

Physical properties (nom.) and test method	Coldseal Capsheet	Coldseal Underlay
Tensile strength to MOAT 30 N/50 mm		
MD	500	300
TD	400	300
Elongation at break to MOAT 30 %		
MD	30	2
TD	35	2
Low temp. flexibility to MOAT 27 20 mm mandrel	Pass - 10	Pass - 10
Minimum temperature for application °C	10	10

Product details

Coldseal Cap Sheet

Coldseal Cap Sheet is manufactured with a high performance polyester base, coated with SBS modified bitumen. The upper surface is finished with a slate mineral. The underside is protected by a release film, which is removed during installation. The Coldseal slate mineral has a 75mm selvedge for ease of lap jointing.

Coldseal Underlay

The Coldseal Underlay is manufactured with an inert glass fibre base, coated with SBS modified bitumen. The upper surface has a non-removable polyethylene film, with a removable release film to the underside.

Both the capsheet and underlay have specially formulated self-adhesive additives in the coating.

IKO Lap Mastic

IKO lap mastic is available in 310ml cartridges for use with a conventional skeleton gun, for providing additional security in the sealing of end laps and detail work.

Coverage rate: A 310 ml cartridge should contain enough adhesive to seal at least 3 linear metres of lap joint.

IKO Self Adhesive Primer

IKO Self Adhesive Primer should always be used when preparing surfaces to receive Coldseal membranes. 5L and 25L tins Coverage rate: 4-6 m² per litre.

Full application information available in the detailed fixing instructions provided.

Application

IKO Coldseal roofing membranes should be installed generally in accordance with BS 8217: 2005, 'Code of Practice for Reinforced bitumen membranes for roofing' and IKO fixing instructions.

Coldseal roofing is applied as a two-layer system, bonded by the removal of the release film on the reverse of the product, in accordance with the detailed 'Step by Step' fixing instructions available from IKO.

In cool weather conditions, the use of a hot gun air will assist the self-adhesive bond of the coating at lap joints.

Note: Hot bitumen or gas torches should not be used.

Other products

Full product literature, health & safety and technical sheets are available as downloads from our website www.ikogroup.co.uk or on request by email: marketing@ikogroup.co.uk

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