



For an Easyseal

Prime, Peel, Stick and Hot Air Weld



IKO Easyseal Guide to Flat Roofing

IKO EASYSEAL

flat roofing made easy

The IKO Easyseal Flat Roofing System consists of five high performance membranes, all of which can be applied to small roofs, such as those over:

- garages
- porches
- extensions
- dormer windows

As well as being equally suitable for larger commercial projects.

Each membrane consists of an underside adhesive coating protected by a release film. The top surface is coated with a fine mineral finish or diffusible film. The self-adhesive application process is triggered by applying IKOpro Self-Adhesive Bitumen Primer to the substrate, eliminating the need for hot bitumen or gas torches.

The IKO Easyseal range is an ideal option for experienced contractors or competent DIY installers alike and is fully compliant within the National Federation of Roofing Contractors (NFRC), Safe2Torch guidelines.

**Safe2
Torch**
REGISTERED



Manufactured in the UK. All of the IKO Easysel Bituminous Membranes are made in the UK at IKO's Appley Bridge manufacturing facility

Warm v Cold - What Makes A Flat Roofing Build-Up?

Warm Roof

A warm roof construction is probably the most popular roof construction for domestic properties, particularly within the refurbishment industry. This type of build-up has the insulation above the roof deck, avoiding the need for ventilation with the membrane being subsequently attached to the insulation. In doing this you are effectively making the roof deck warm.

Cold Roof

A warm roof is the most effective way of insulating a flat roof, rather than in a cold roof where the insulation is provided beneath the roof deck.

In a cold roof scenario the waterproofing is laid directly onto the deck, with the insulation placed above the ceiling. This build-up effectively allows the deck to become cold.

Ventilation is a requirement within a cold roof build-up, as during spells of cold weather condensation can become an issue and in some cases cause materials to decay and distort.

IKO Easyseal

IKO Easyseal is an incredibly versatile system, suitable for use on both warm, cold and uninsulated roofs.

As can be seen opposite, IKO Easyseal is the perfect solution for either cold or warm roof build-ups.

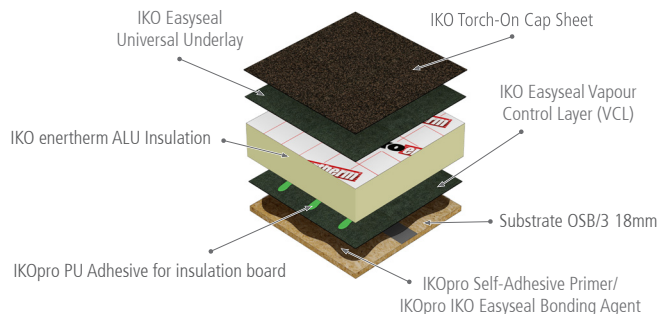
The Details

- IKO Easyseal Universal Underlay – Isolates combustible substrates if a torch-on cap sheet is desired
- IKO Easyseal Pro Cap Sheet – Incorporates Prevent Graphite Firewall Technology with self-extinguishing properties, Broof(t4) in accordance with BS EN 13501-5:2005
- IKO Easyseal Pro Cap Sheet, Top Sheet, Underlay and Vapour Control Layer (VCL) – BBA Certified (02/3916)*
- All IKO Easyseal products are applied flame-free regardless of the build-up

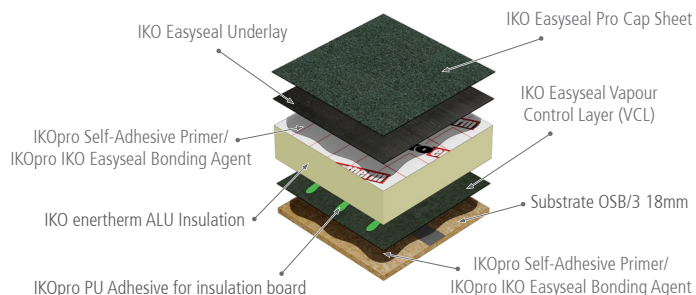


IKO Easyseal Build-Ups

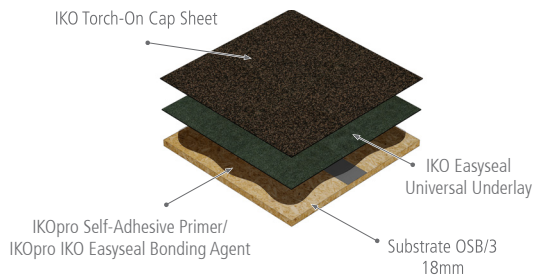
Warm Roof OSB/3 Deck Torch-On Cap Sheet



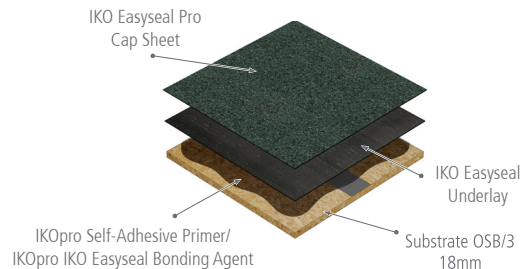
Warm Roof OSB/3 Deck IKO Easyseal Pro Cap Sheet



Cold Roof OSB/3 Deck Torch-On Cap Sheet**



Cold Roof OSB/3 Deck IKO Easyseal Pro Cap Sheet**



** The use of a suitable nailing preparation layer may be required where the waterproofing layers are being used over areas where a risk of condensation or differential movements is anticipated within the substrate.

Roofing Guarantees Explained

Any roofing work carried out should come with guarantees, but these can vary immensely in what they cover.

Failure to check you are getting the guarantee you require could lead to a fault that is not covered by the guarantee or some aspect of the product selection or installation process which actually invalidates the guarantee you thought would provide sufficient cover.

You should therefore ensure you ask the right questions of both the manufacturer and installer before accepting any guarantee.

Check to see if the quote or specification (which should include details of the guarantee):

- Has a quote validation period
- Includes a proposed working schedule and estimated completion date
- Provides a guarantee start date? (Most guarantees are only issued / valid on receipt of full payment for the works).
- Contractors (members of trade associations) may offer latent defect insurance, providing additional security.
- States clearly what kind of guarantee is provided.
 - Just stating it is guaranteed isn't legally binding and will be impossible to enforce:
 - ♦ Does it cover work defects, material quality / performance issues and design implementations and workmanship?
 - ♦ Who has the responsibility and ownership – the manufacturer, contractor, building owner?
 - ♦ What is the duration and are there any stipulations to this (i.e. it must follow a particular maintenance schedule)?
- Note: Guarantees may be delayed until a full Quality Control inspection has been carried out.

Following these guidelines will help to ensure you won't be caught out by an inadequate guarantee.

What Else Should You Consider? You should also check to ensure your proposed contractor is a member of the National Federation of Roofing Contractors (NFRC) and whether the proposed materials have independent certifications, e.g. BBA and CE markings.

Finally, you should check all individuals working on the project are properly trained with relevant experience and where appropriate (i.e. if the work is taking place around a school or other vulnerable people), that all site workers have been verified under the Disclosure and Barring Service (DBS).

British Manufacturing Truths

Once you've taken the time to ensure your roofing project eliminates as much as possible the risk of roof fires, why not take a moment to think about sustainability?

Find out where the materials you have chosen to specify come from – not only could this affect how long you will be waiting for the materials to arrive but could also impact on your environmental credentials.

For example, transporting 1000m² of three-layer roofing felt from Russia to the Liver Building in Liverpool would create nearly 1,600kg of CO₂ emissions as the felt travels a whopping 2,748km.

Transporting the same felt from IKO's factory in Appley Bridge, Wigan would create just over 12kg of CO₂ emissions with the short 22km hop via the M58 which would take you just 46 minutes. That's an incredible 99% saving on CO₂ emissions!

IKO has been manufacturing products in the UK for over 100 years. Today, the majority of the products come from the IKO factory in Appley Bridge, Wigan. There are three other plants at Clay Cross (Single-Ply), Grangemill (Hot Melt Mastic Asphalt) (both in Derbyshire) and Alconbury (Insulation) in Cambridgeshire which we opened in March 2018.

This means that you can be assured that when you specify IKO, you're getting quality products which are made locally.

It's estimated that 1,000kg of CO₂ takes 100 years to be offset by one tree in the Amazon. So, make the smart choice – reduce both your carbon footprint and the transport time for your materials by choosing to specify UK-made IKO materials.



IKO Easyseal - Making Fire Safety Easy

The Construction, Design and Management Regulations (2015) state that: "The person who selects products for use in construction is a designer and must take account of health and safety issues arising from their use. If a product is purpose-built, the person who prepares the specification is a designer, and so are manufacturers if they develop a detailed design."

This means that anyone involved with writing a specification which includes hot works must at the very least assess and reduce the risk of fire, or design out risk altogether. Ideally, this should be completed with a detailed report of the roof condition and a photographic record which should clearly highlight risk zones.

There is approximately one reported roof fire each month. The majority of these roof fires are caused through a lack of appropriate training.

In response, the National Federation of Roofing Contractors (NFRC) has launched its 'Safe2Torch' campaign, developed in partnership with its member manufacturers and contractors to reduce the risk of roof fires.

It also gives clients peace of mind that if they engage with a contractor who has signed up to the Safe2Torch campaign, their roof works will be planned and installed within the Safe2Torch guidance.

The NFRC has produced a handy checklist – if a fire risk has been identified, or equally if it cannot be ruled out, the specification must default to a TorchSafe™ solution, such as IKO Easyseal.

IKO Easyseal has been specifically developed to make flat roofing more straightforward and economical, making it an ideal solution for experienced contractors and competent DIY installers alike.

There is no need to worry about installation – full instructions are provided and only basic skills and tools are required for a professional finish.

The products are clean and easy to handle – the backing simply strips away and will provide a guaranteed bond.

The IKO Easyseal system is made up of five high-performance membranes which are suitable for use both on small roofs (garages, porches, extensions, etc.) and larger commercial projects.

**Safe2
Torch** 
REGISTERED

Each membrane contains an underside adhesive coating protected by a release film and a top surface coated with a fine mineral finish or diffusible film.

IKOpro Self-Adhesive Bitumen Primer ensures a secure bond between the substrate and the IKO Easyseal Underlay or VCL, eliminating the need for hot works and thus removing the risk of roof fires.

IKO Easyseal Pro Cap Sheet, Top Sheet, Underlay and Vapour Control Layer (VCL) are BBA approved (Agrément certificate no. 02/3916).

The IKO Pro Cap Sheet comes with 20 year guarantee and the IKO Top Sheet a 15 year guarantee so you can be confident in the longevity of the system.



A Very British Trade Morning

Holding a trade morning can be a great way to showcase a product. Not only does it allow customers to see (and touch) products, it also has the potential to increase sales if the event is executed well.

Worried about not knowing how to make sure it all goes to plan? IKO can help. All you have to do is book a time slot and IKO will take care of the rest.

We have helped hundreds of merchants across the country host successful trade mornings with effective promotion in advance of the day, we will help you reach new customers that may not have otherwise known about you.

IKO believes that keeping it simple can really pay off. Demos can be provided inside or out, so you needn't worry about the weather (this is Britain after all). Our demos are all interactive – increasing engagement amongst visitors and importantly, making them more likely to buy.

**So what more reasons do you need?
Interested in hosting your own trade
morning? IKO will make it happen.**



IKO Easyseal Products And Ancillaries

IKO Easyseal Self-Adhesive Membranes

Layer	Product Code	Finish	Roll Dimensions	Roll Weight	m ² Weight	Base Carrier	Guarantee	BBA Certification
Pro Cap Sheet *	73000008	Black Slate Mineral	8 x 1m	30.5kg	4.37kg/m ²	Polyester	20 Years	Agrément Certificate 02/3916
Top Sheet *	73040000	Slate Mineral	6 x 1m	20kg	3.33kg/m ²	Polyester	15 Years	Agrément Certificate 02/3916
Underlay *	73070000	Polythene	8 x 1m	18kg	2.25kg/m ²	Glass Fibre	-	Agreement Certificate 02/3916
VCL *	62130011	Fine Mineral	15 x 1m	36kg	2.4kg/m ²	Polyester	-	Agreement Certificate 02/3916
Universal Underlay	73000016	Fine Mineral	16 x 1m	40kg	2.5kg/m ²	Polyester	-	-

Ancillaries

Product	Product Code	Size	Coverage Rates			
			Metal	Concrete	OSB/3 18mm	Bituminous Roofing
IKOpro Self-Adhesive Bitumen Primer	MW646412	2.5L	10-15m²/litre	3-4m²/litre	10-12m²/litre	5m²/litre (approx)
	MW646415	5L				
	MW646419	25L				
IKOpro IKO Easyseal Bonding Agent	23500005	5L	3-5m²/litre (dependent on the substrate porosity)			
IKOpro Felt Lap Adhesive	MW676310	310ml	2-3 linear metres of lap joint			

IKO Easyseal Pro Cap Sheet, Top Sheet, Underlay and VCL are BBA approved (Agreement Certificate 02/3916).*





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