

BUFR System Guidance Document

Technical Data Sheet – Section 4.00

SPECIFICATION

All construction detailing and specification should conform to UK Building Regulations.

Relevant Codes of Practice and British Standards, should also be used for guidance, in particular it is recommended that reference is made to the relevant parts of:

BS 8747:2007

- Reinforced bitumen membranes (RBMs) for roofing. Guide to selection and specification.

BS 8217:2005

- Reinforced bitumen membranes for roofing. Code of practice.

BS 6229:2018

- Flat roofs with continuously supported flexible waterproof coverings. Code of practice.

BS 5250:2021

- Management of moisture in buildings. Code of practice.

Work undertaken on flat roofs should be in line with Building Regulations and is likely to be reportable to Local Authority Building Control (LABC); it is advisable that any proposed works are discussed with the LABC prior to commencement, unless the installing contractor is a member of the Competent Roofer Scheme. www.competentroofer.co.uk

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.

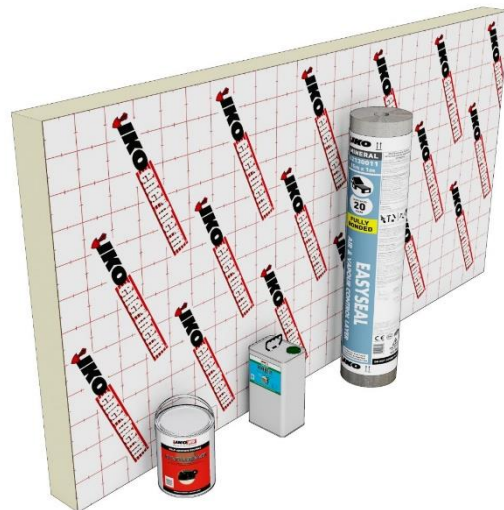
Specifiers should also seek the guidance of the National Federation of Roofing Contractors (NFRC), with particular reference to their 'Safe2Torch' campaign.

DESIGN CONSIDERATIONS

CONFIGURATION

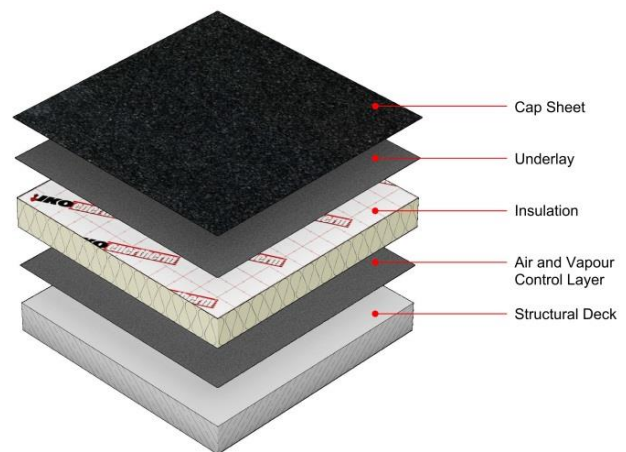
The construction of the roof deck and ceiling has an important effect on the behaviour of the waterproofing material on top.

The building industry uses the terms 'warm', 'cold', and 'inverted' to describe the three different types of roof constructions.



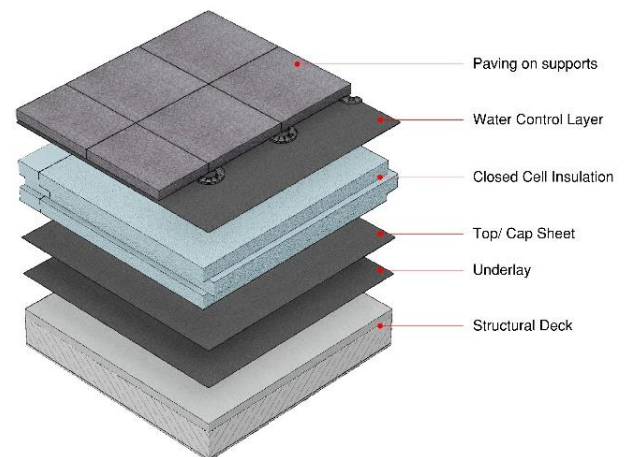
Typical Warm Roof

Most roofs require insulation, and current practice is for insulation to be placed above the roof deck with waterproofing positioned over, often referred to as a 'warm roof'. No void ventilation is required with this design.



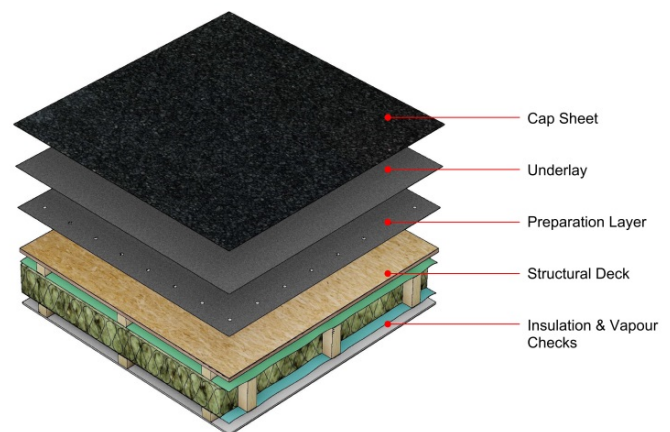
Typical Inverted Roof

Another approach is for insulation and finishes to be placed above both the roof deck and the waterproofing. The insulation must be moisture tolerable (closed cell). Like with warm roofs, no void ventilation is required with this design.



Typical Cold Roof

Alternative practice is to install the insulation within the voids below the roof deck. Often referred to as a 'cold roof', this type of arrangement must include ventilation to the void areas to remove the risk of condensation. It is advisable that cold roof design is ventilated at the rates prescribed within the aforementioned British Standards and Approved Codes of Practice.



ASSOCIATED MATERIALS

Dependant on system arrangement, IKO offers several material solutions to cover the multiple layers of a typical built-up bituminous roofing system as illustrated above. For guidance on selection of these layers, please refer to the IKO Flat & Pitched Roofing Guide available to download at www.ikogroup.co.uk

STRUCTURAL DECKS

It is essential that the deck is suitably fit for purpose and is structurally adequate in supporting the waterproofing system and any associated loadings.

For deck selection and determining suitability, the guidance of the relevant Approved Codes of Practice should be sought.

FALLS AND DRAINAGE

To reduce the effect of water ponding on the roof finish, a minimum finished fall of 1:80 should be achieved; however designs should be to 1:40 to take into account any inaccuracies within the deck construction.

AIR & VAPOUR CONTROL

It is essential that roofing solutions include layers to control and inhibit the movement of vapour into the building fabric. For further guidance please contact the IKO Technical Services Department.

PRE-APPLICATION

MATERIAL HANDLING

Checking: Material should be checked to ensure that they conform to the project specification.

Handling: Material should be unloaded and handled with care to avoid damage.

Site Storage: Material should be stored on end on a firm, clean base protected from direct sunlight.

PRIOR TO COMMENCEMENT

Application must always follow good, safe working practice.

Prior to commencing works, it is advisable to consult Health and Safety Executive Guidance documents such as HSG33 'Health and Safety in Roof Work', irrespective of levels of competence, to ensure all works are being planned and undertaken in a safe, pragmatic manner.

Before commencement of the roofing works, the roofing contractor should ensure that the surfaces to receive the new waterproofing system are sound and capable of accepting the imposed loading of the new waterproofing system and its installation.

The surface to which the waterproofing membrane is to be installed must be clean, dry and fit for purpose. Existing substrates should be assessed by a competent roofer or suitably qualified professional to ascertain their suitability in relation to structural strength, falls and drainage provision.

SETTING OUT CONSIDERATIONS

When setting out the field area, the rolls of material should always be laid in the same direction, never cross bonded.

Top layers should be arranged to achieve a staggered bond with the preceding underlayers with half width layers being used to maintain bond patterns where necessary.

The underlay sheets should be overlapped to form min. 75mm side laps and 75mm end laps. The cap sheet should be overlapped to form min. 75mm side laps and 100mm end laps. Ends laps must be staggered so that they do not occur in the same position in adjacent sheets or underlying sheets.

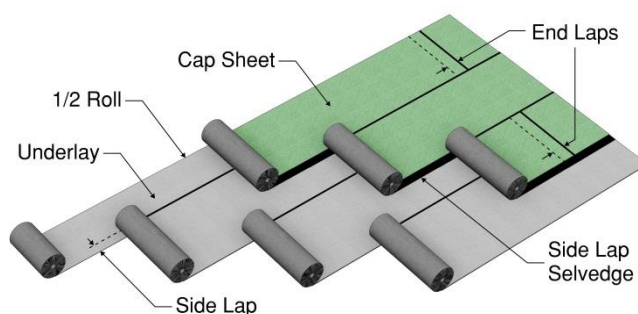


Figure 1 Setting Out to Staggered Laps

CAUTIONS

If application proposals include the use of hot air guns, users should be competent, conversant and capable of using such items.

Care must be taken when hot air guns in close proximity to combustible materials, decorative coatings and heat sensitive materials.

Torch applied materials should only be applied by those competent, conversant and capable of undertaking roofing works safely and that are experienced in the use of roofing torches and procedures.

Torch applied membranes should not be used in close proximity to combustible materials, decorative coatings and heat sensitive materials. Roofing contractors should be fully conversant with the guidance of the National Federation of Roofing Contractors (NFRC) 'Safe2Torch' campaign.

SYSTEM SELECTION & APPLICATION

With the different types of products used within system build-ups and varying methods of application available, it gives rise to numerous possibilities for complete installations. Some of these build-ups require very specific products to work effectively, others can vary; with this in mind please see selection tables at the back of this document to consider/ determine a build-up to suit your needs.

PRODUCT APPLICATIONS

PRIMERS

Primers are required for all constructional substrates receiving a fully bonded or partially bonded sheet membrane and over insulation board prior to receiving system underlay in certain situations, see table 1.

Primers should not be thinned or mixed with other products. Membranes and the substrate to be bonded must be clean and dry and the primer should be applied with brush or roller at an even coverage above the minimum application temperature (coverage rates and min. temperature as per specific product datasheet). Primers must only be used in dry weather conditions; no moisture must be enclosed between the primer and membrane layer. A brush should be used to ensure the primer is applied fully into corners and areas of detailing.

Porous surfaces may require an additional full coat of the product but be aware that over application of the primer may result in longer drying times.

Drying times as per specific product datasheet but note at higher temperatures the primer may dry faster, with lower temperatures slowing this drying process.

The proceeding specified membrane should be applied as soon as the primer is dry.

If the surface of the application becomes contaminated the surface must be swept clean and primer reapplied.

Self-adhesive primer/ bonding agent that has been left for more than 4 hours before installing a self-adhesive membrane should be swept clean and reapplied.

Information regarding disposal of empty containers or containers with residual liquid can be found within the relevant sections of the IKO Material Safety Data Sheet.

PREPERATION MEMBRANES

Preparation membranes vary and are required in some situations to either protect or provide a partial bond of the system to the substrate;

Nailing layers

Used for hot bonded systems (torch-on or pour and roll applications) over timber decks.

Overlaps should be minimum 50mm (side laps) and minimum 75mm (end laps) that are fastened using min 20mm long extra-large headed galvanised clout nails.

Across the general area nail positions should be staggered at a maximum distance of 150mm, and at perimeter and openings within the roof areas all side and head laps should be fastened at 50-75mm centres.

Venting layers

Needed as a first layer within a reinforced bitumen membrane built up roofing system for hot bonded systems (torch-on or pour and roll) over non-combustible substrates in cold roof applications to provide a partial bond and prevent blistering of the newly installed system.

All venting layers are loose laid with the sanded surface uppermost, side laps vary from 50-75mm (see specific product datasheet) and end laps are butted. A partial bond is achieved by application of the following membrane. The preparation layer should be stopped 450mm short of all perimeters to allow full bonding at perimeter edges.

AIR & VAPOUR CONTROL

Air & Vapour Control Layers (AVCLs) are used in warm roof build-ups to prevent airborne moisture from within the structure passing through the building fabric into system and causing premature failure.

Self-Adhesive

Application of a self-adhesive AVCL involves the removal of a release film to the underside of the roll and a second release film on the selvedge during the installation process.

When removing the release film, progressively advance the roll whilst applying even downward pressure using a weighted roll bar to bond the underlay to the substrate ensuring no air is trapped.

When approaching an angle where the sheet will change from a horizontal to a vertical configuration, use a seam or penny roller to press the membrane firmly into position into the angle. Provide heat activation to all changes of direction of the membrane to ensure a full bond is achieved throughout the detail.

Fully bond the AVCL to the primed substrate to achieve 75mm minimum side laps and 100mm minimum end laps. Finished at perimeters, roof edges, abutments, upstands, kerbs, and penetrations to enable linking with the waterproofing system by a minimum of 50mm.

All side and end laps must be hot air welded to facilitate a bead of bitumen exuded from the lap. Torching and scraping of lap joints are not permitted.

When installing on a profiled metal deck, all laps must be fully supported and sealed. Metal profiled decks must provide a minimum 50% bond for the Air and Vapour Control Layer, or the metal deck must be over boarded with 18mm OSB/3 or plywood.

INSULATION/ INSULATION ADHESIVE

There are several types of insulation boards available, the determination of which is influenced by the application method of the proceeding waterproof membranes. Irrespective of specification, all IKO enertherm Insulation Boards in warm roofing applications can be adhered onto the AVCL using high foaming IKOpro PU Adhesive for Insulation.

All insulation boards must be protected from moisture prior to installation by storing off the ground and covered with a tarpaulin.

Boards must be in good condition, dry, well fitted, and stable.

Any hollows, depressions, deflections, back falls etc. found in the deck either before or after stripping should be rectified prior to installation of the insulation.

All upstands, kerbs, sills, thresholds, cavity trays and other associated details must be prepared to accommodate the insulation thicknesses and proposed roof build up.

Surfaces must be clean, dry and free from dirt, debris, grease and dust. Thoroughly sweep the area, prior to the application of the adhesive and insulation.

The adhesive is poured directly from the tin, should not be allowed to pool, and coverage would be approximately 30-35m²/tin, depending on surface porosity. Coverage rate should be doubled to all perimeter and exposed edges and openings.

Apply the adhesive in a continuous 15mm minimum width bead at 200-300mm centres, doubling up this coverage rate at all perimeter edges to ensure a minimum of 4 beads per 1200 x 1200mm board at max 300mm centres to main roof, and minimum of 8 beads per 1200 x 1200mm board at 150mm centres to perimeter edges, corners and openings.

Locate the insulation board into the wet adhesive and apply even pressure to ensure full contact with the adhesive. Do not stand on the boards or allow any application of waterproofing layers to the insulation board until this cure has been achieved.

Boards should be located into the wet adhesive before it starts to skin over. About 10 minutes after laying, check that boards have not uplifted due to the foaming action of the adhesive. The adhesive must be allowed to fully cure for a minimum of 15 minutes before undertaking any further works.

On inclined roofs apply additional insulation stops for anchoring the waterproofing system against slippage, at intervals according to the slope as necessary.

Note: ensure the substrate is dry when applying the adhesive, wet surfaces will create a barrier between the substrate and adhesive and therefore reducing the adhesion and bond strength.

Not suitable for bonding foil faced insulation boards to each other. For this use, please refer to IKOpro PUMA Zero adhesive.

UNDERLAYS/ CAP SHEETS

These product types combine to form the primary waterproofing for both warm and cold reinforced bitumen membrane systems. Underlays are applied as an intermediate layer over insulation (warm roof) or directly over preparation membranes/ primed decks (cold roof). In turn the cap sheet is applied directly over the underlay.

Where primer is required prior to underlay installation (as denoted by table 1) follow 'General Product Application' guidance for primers.

Different underlays and cap sheet systems offer varying levels of guarantees/ life expectancies and have different methods for application (see product datasheets for specifics).

In terms of application for these products see below;

Self-Adhesive Membranes

Ensure the substrate is free of dust, debris or moisture that will impair the bond.

The specified underlay is to be applied as soon as possible after the primer/ bonding agent is completely dry.

Install with min. 75mm side and min. 100mm end laps by removing the release film and progressively advance the roll whilst applying even downward pressure using a weighted roll bar to bond the underlay to the substrate ensuring no air is trapped.

All laps must be hot air welded and pressure rolled ensuring a visible bead of bitumen is exuded from all side and end laps.

No gas torches are to be used for the installation of self-adhesive membranes.

No back laps are to be formed against falls

In insulated build-ups, the underlay should link with the vapour control layer at detail works.

Torch-on Membranes

Ensure the substrate is free of dust, debris or moisture that will impair the bond.

Install with min. 75mm side and min. 100mm end laps by progressively advancing the roll whilst applying even downward pressure using a weighted roll bar to bond the underlay to the substrate ensuring no air is trapped.

The membrane must be applied by using the torch-on application method, ensuring that a constant flow of bitumen is maintained across the whole width of the roll and that a bead of bitumen (5-15mm) is exuded from all side and end laps to demonstrate a good seal has been achieved.

No back laps are to be formed against falls

In insulated build-ups, the underlay should link with the vapour control layer at detail works.

Pour & Roll Membranes

Ensure the substrate is free of dust, debris or moisture that will impair the bond.

Install with min. 75mm side and min. 100mm end laps by progressively advancing the roll whilst applying even downward pressure using a weighted roll bar to bond the underlay to the substrate ensuring no air is trapped.

The membrane should be fixed with a full bond of IKO Easy Melt Bonding Bitumen. All laps are to exude a 5-15mm bead of IKO Easy Melt Bonding Bitumen, from the joint to ensure a watertight seal.

Side and end laps should be arranged as per the 'Setting Out' section of this guidance.

Any areas of detailing to other substrates i.e. masonry upstands, should be fully primed with IKOpro Quick Dry Primer at the respective rates stipulated for that product.

No back laps are to be formed against falls.

In insulated build-ups, the underlay should link with the vapour control layer at detail works.

Cold Adhesive Membranes

Ensure the substrate is free of dust, debris or moisture that will impair the bond.

Install with min. 75mm side and min. 100mm end laps by progressively advancing the roll whilst applying even downward pressure using a weighted roll bar to bond the underlay to the substrate ensuring no air is trapped.

When a cold adhesive membrane is applied as an underlay to primed deck it should achieve a partial bond using strip bonding methods. Cap sheets should be fully bonded.

Both instances would use IKOpro High Performance Roofing Felt Adhesive, applied as per the relevant product guidance. Side and end laps should be arranged as per the 'Setting Out' section of this guidance.

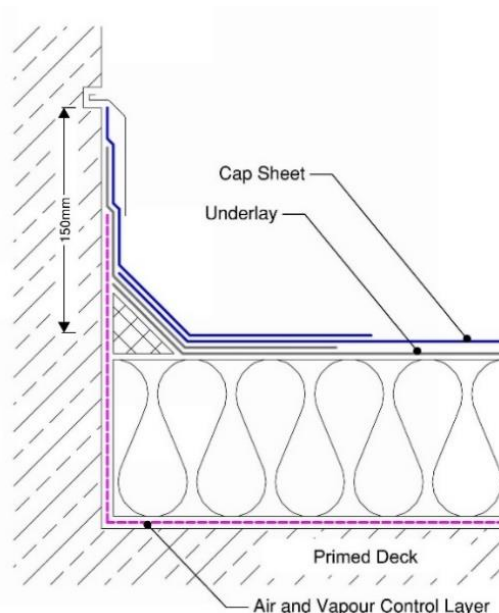
Any areas of detailing to other substrates i.e. masonry upstands, should be fully primed with IKOpro Quick Dry Primer at the respective rates stipulated for that product. All laps are to exude a bead of IKOpro High Performance Roofing Felt Adhesive from the joint to ensure a watertight seal.

DETAILING

All waterproofing detailing with underlays and cap sheets must be undertaken as separate flashings and must be fully bonded throughout. Fillets suitable for the system installed must be provided through corners to aid application and ensure no migration of water occurs as a result of unbonded membrane through the transition.

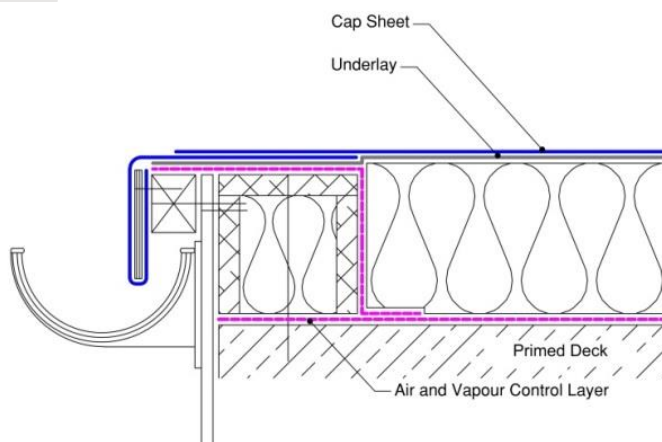
The following details show a few typical common warm roof applications. Other details are available on request, contact the IKO Technical Services Department.

Upstands and skirtings – (Warm Roof)



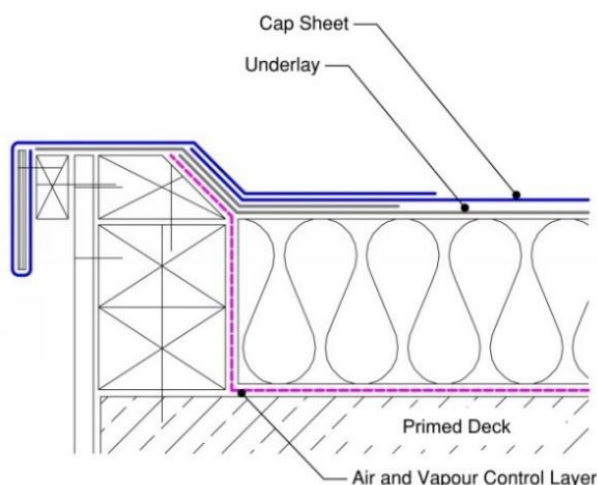
All skirtings and upstands are to be formed as separate items using fully bonded underlay and cap sheet; the waterproofing should be at least 150mm above the level of the finished roof. Care must be undertaken not to bridge over any DPC or Cavity Tray positions.

Drip edge detail – (Warm Roof)



A welged drip edge should be formed wherever drainage to an external guttering is required. A plywood former should be introduced to form the drip. In warm roof build ups an insulated hard edge, 10mm thinner than the insulation thickness, should be incorporated.

Check kerb – (Warm Roof)



Check kerbs should be constructed to form a 50mm water check to prevent water from running over the edge incorporating a weltd drip detail. In warm roof build ups a timber hard edge should be incorporated.

Other typical details are available via the IKO website, or alternatively via NFRC information sheets – www.nfrc.co.uk

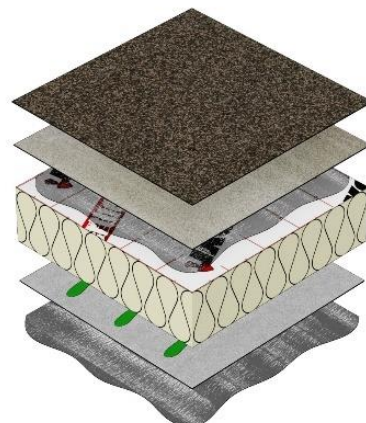
POST COMPLETION

To obtain the best possible life expectancy, all flat roofs should be inspected in accordance with the requirements of BS 6229 Code of Practice for Flat Roofs with continuously supported roof coverings.

IKO DISTRIBUTION BUR RANGE – FLAT ROOF SYSTEM BUILD UP OPTIONS

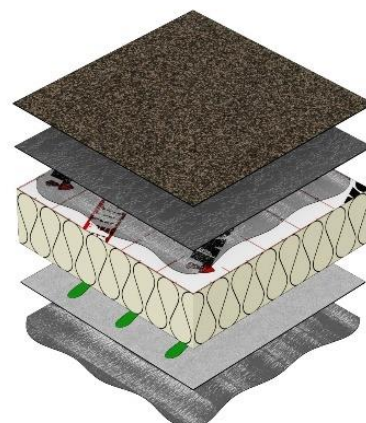
Warm Roof - SBS Hybrid

Cap Sheet	- IKO Protorch Cap Sheet - 20 year
	- IKO Britorch SBS Cap Sheet - 20 year
	- IKO Turbo Torch Cap Sheet - 15 year
	- IKO Defender SBS Cap Sheet - 15 year
	- IKO TGX Cap Sheet - 10 year
Field Area Underlay	- IKO Easyseal H-A Partially Bonded Underlay
Detailing Underlay	- IKO Easyseal H-A Fully Bonded Underlay
Primer	- IKOpro Easyseal Bonding Agent
Insulation	- enertherm ALU
Insulation Adhesive	- IKOpro PU Adhesive for Insulation
Air & Vapour Control	- IKO Easyseal S-A Air and Vapour Control Layer
Substrate Primer	- IKOpro Easyseal Bonding Agent



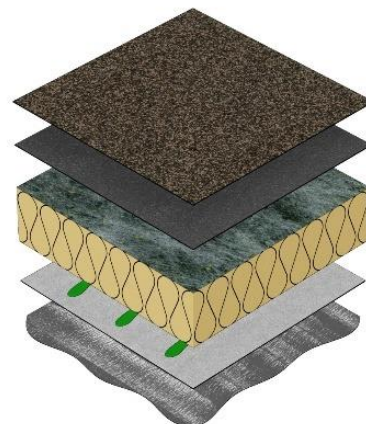
Warm Roof - SBS Self-Adhesive

Cap Sheet	- IKO Easyseal Pro Cap Sheet - 20 year
	- IKO Easyseal Cap Sheet - 15 year
Field Area Underlay	- IKO Easyseal S-A Partially Bonded Underlay
Detailing Underlay	- IKO Easyseal S-A Fully Bonded Underlay
Primer	- IKOpro Easyseal Bonding Agent
Insulation	- enertherm ALU
Insulation Adhesive	- IKOpro PU Adhesive for Insulation
Air & Vapour Control	- IKO Easyseal S-A Air and Vapour Control Layer
Substrate Primer	- IKOpro Easyseal Bonding Agent



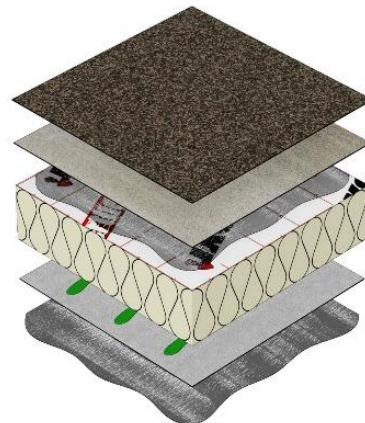
Warm Roof - SBS Torch-on

Cap Sheet	- IKO Protorch Cap Sheet - 20 year
	- IKO Britorch SBS Cap Sheet - 20 year
	- IKO Turbo Torch Cap Sheet - 15 year
	- IKO Defender SBS Cap Sheet - 15 year
	- IKO TGX Cap Sheet - 10 year
Field Area Underlay	- IKO SBS Premium Underlay
	- IKO Film-on-Film Underlay
	- IKO SBS Standard Underlay
	- IKO TGX Underlay
Detailing Underlay	- Same as specified field area underlay
Primer	- N/A
Insulation	- enertherm BM
Insulation Adhesive	- IKOpro PU Adhesive for Insulation
Air & Vapour Control	- IKO Easyseal S-A Air and Vapour Control Layer
Substrate Primer	- IKOpro Easyseal Bonding Agent



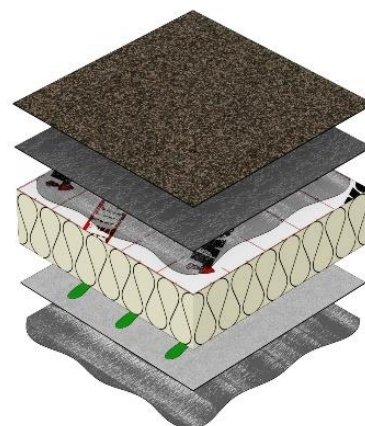
Warm Roof - SBS Hybrid - Broof(t4) fire classification

Cap Sheet	- IKO Protorch Cap Sheet	- 20 year
Field Area Underlay	- IKO Easyseal H-A Partially Bonded Underlay	
Detailing Underlay	- IKO Easyseal H-A Fully Bonded Underlay	
Primer	- IKOpro Easyseal Bonding Agent	
Insulation	- enertherm ALU	
Insulation Adhesive	- IKOpro PU Adhesive for Insulation	
Air & Vapour Control	- IKO Easyseal S-A Air and Vapour Control Layer	
Substrate Primer	- IKOpro Easyseal Bonding Agent	



Warm Roof - SBS Self-Adhesive - Broof(t4) fire classification

Cap Sheet	- IKO Easyseal Pro Cap Sheet	- 20 year
Field Area Underlay	- IKO Easyseal S-A Partially Bonded Underlay	
Detailing Underlay	- IKO Easyseal S-A Fully Bonded Underlay	
Primer	- IKOpro Easyseal Bonding Agent	
Insulation	- enertherm ALU	
Insulation Adhesive	- IKOpro PU Adhesive for Insulation	
Air & Vapour Control	- IKO Easyseal S-A Air and Vapour Control Layer	
Substrate Primer	- IKOpro Easyseal Bonding Agent	



Cold Roof - SBS Hybrid

Cap Sheet	- IKO Protorch Cap Sheet	- 20 year
	- IKO Britorch SBS Cap Sheet	- 20 year
	- IKO Turbo Torch Cap Sheet	- 15 year
	- IKO Defender SBS Cap Sheet	- 15 year
	- IKO TGX Cap Sheet	- 10 year
Field Area Underlay	- IKO Easyseal H-A Partially Bonded Underlay	
Detailing Underlay	- IKO Easyseal H-A Fully Bonded Underlay	
Substrate Primer	- IKOpro Easyseal Bonding Agent	



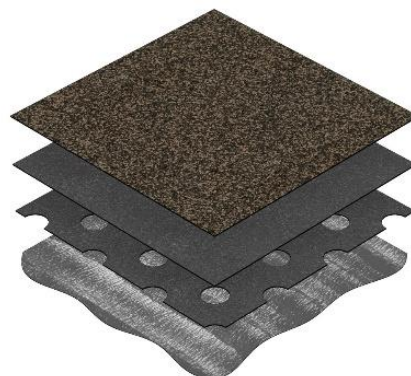
Cold Roof - SBS Self-Adhesive

Cap Sheet	- IKO Easyseal Pro Cap Sheet - 20 year
	- IKO Easyseal Cap Sheet - 15 year
Field Area Underlay	- IKO Easyseal S-A Partially Bonded Underlay
Detailing Underlay	- IKO Easyseal S-A Fully Bonded Underlay
Substrate Primer	- IKOpro Easyseal Bonding Agent



Cold Roof - SBS Torch-on (Concrete Deck)

Cap Sheet	- IKO Protorch Cap Sheet - 20 year
	- IKO Britorch SBS Cap Sheet - 20 year
	- IKO Turbo Torch Cap Sheet - 15 year
	- IKO Defender SBS Cap Sheet - 15 year
	- IKO TGX Cap Sheet - 10 year
Field Area Underlay	- IKO SBS Premium Underlay
	- IKO Film-on-Film Underlay
	- IKO SBS Standard Underlay
	- IKO TGX Underlay
Detailing Underlay	- Same as specified field area underlay
Preparation Membrane	- IKO Torch-On Venting Layer
Substrate Primer	- IKOpro Quick Dry Primer



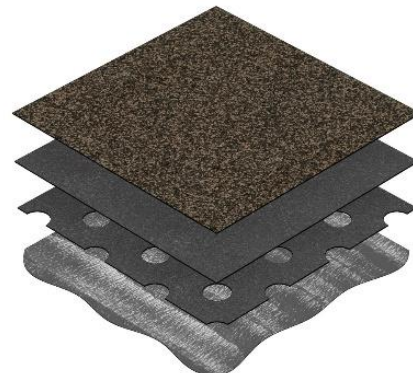
Cold Roof - SBS Torch-on (Timber Deck)

Cap Sheet	- IKO Protorch Cap Sheet - 20 year
	- IKO Britorch SBS Cap Sheet - 20 year
	- IKO Turbo Torch Cap Sheet - 15 year
	- IKO Defender SBS Cap Sheet - 15 year
	- IKO TGX Cap Sheet - 10 year
Field Area Underlay	- IKO SBS Premium Underlay
	- IKO Film-on-Film Underlay
	- IKO SBS Standard Underlay
	- IKO TGX Underlay
Detailing Underlay	- Same as specified field area underlay
Preparation Membrane	- IKO Challenger 180 Sand



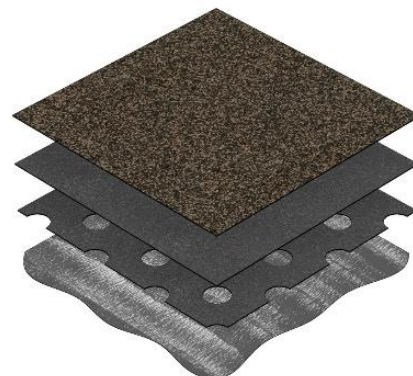
Cold Roof - Pour & Roll (Concrete Deck)

Cap Sheet	- IKO Challenger SBS 250 Cap Sheet	- 15 year
	- IKO Challenger 180 Cap Sheet	- 10 year
Field Area Underlay	- IKO Challenger 180 Sand	
Detailing Underlay	- IKO Challenger 180 Sand	
Preparation Membrane	- IKO Torch-On Venting Layer	
Substrate Primer	- IKOpro Quick Dry Primer	



Cold Roof - APP Torch-on (Concrete Deck)

Cap Sheet	- IKO Britorch APP Cap Sheet	- 20 year
	- IKO Adesso Cap Sheet	- 15 year
	- IKO APP Cap Sheet	- 10 year
Field Area Underlay	- IKO APP Polyester Universal Underlay	
	- IKO APP Glass Universal Underlay	
Detailing Underlay	- Same as specified field area underlay	
Preparation Membrane	- IKO Torch-On Venting Layer	
Substrate Primer	- IKOpro Quick Dry Primer	



Cold Roof - APP Torch-on (Timber Deck)

Cap Sheet	- IKO Britorch APP Cap Sheet	- 20 year
	- IKO Adesso Cap Sheet	- 15 year
	- IKO APP Cap Sheet	- 10 year
Field Area Underlay	- IKO APP Polyester Universal Underlay	
	- IKO APP Glass Universal Underlay	
Detailing Underlay	- Same as specified field area underlay	
Preparation Membrane	- IKO Challenger 180 Sand	



Cold Roof - Cold Bitumen Adhesive

Cap Sheet	- IKO Challenger SBS 250 Cap Sheet	- 15 year
	- IKO Challenger 180 Cap Sheet	- 10 year
	- IKO Trade Top Sheet	- 10 Year*
Field Area Underlay	- IKO Challenger 180 Sand (...Under Challenger cap sheets)	
	- IKO Trade Felt Underlay	
	- IKO Trade Felt Underlay - Medium (...Under Trade Sheet Sheet)	
Detailing Underlay	- Same as specified field area underlay	
Substrate Primer	- IKOpro Quick Dry Primer	
* Life expectancy only		



OTHER RELEVANT 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/>

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.