



Flat & Pitched Roofing Guide



Working together to provide effective roofing solutions

With over 100 years experience, IKO is able to offer a comprehensive range of flat roofing membranes and pitched roof systems, carefully developed to provide the optimum combination of performance and cost for a wide range of applications.

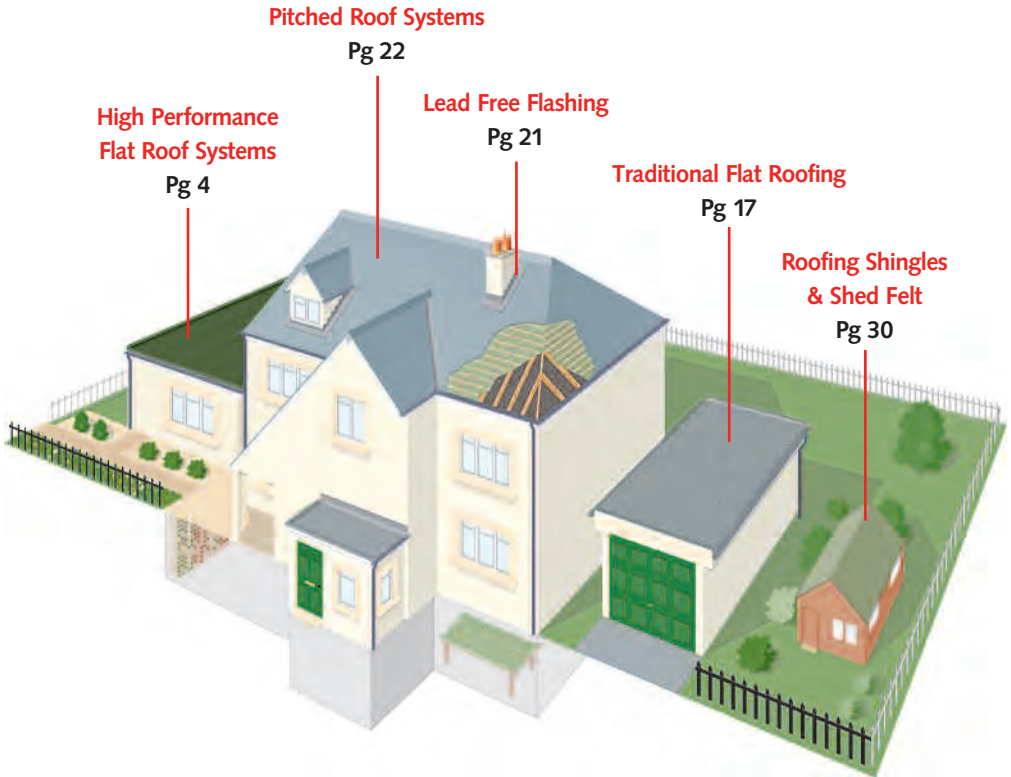
IKO's market leading range is designed to meet the needs of everyone, from the small builder to specialist roofing contractors and offers products whatever the budget, project requirements or operator skill level available for flat and pitched roofing systems.

IKO also supports customers with industry leading technical advice, helping to ensure the best products are chosen and installed.

We offer;

- Top quality products
- Reliable delivery
- Specialist staff and exceptional customer service
- Technical support
- Nationwide availability
- Wide range of roofing and waterproofing solutions

An IKO solution for all roofing projects



High Performance Flat Roof Systems



An introduction to the IKO Flat Roofing Range

With over 100 years experience, IKO is able to offer a comprehensive and market leading range of flat roofing membranes, all carefully developed to provide the optimum combination of performance and cost for a wide range of applications.

Product	Roll Size	Weight	Base	Finish	Description
Torch-On Membranes					
Torchflo SBS	8m x 1m	36kg	Polyester	Green, Blue-grey, Black or Brown slate	SBS modified slate surfaced cap sheet with a 15 year materials guarantee
Permatorch	8m x 1m	40kg	Polyester	Green	APP modified slate surfaced cap sheet with a 15 year materials guarantee
Permatorch Plus	8m x 1m	40.5kg	Polyester	Green, Black or Brown slate	APP modified slate surfaced cap sheet with a 15 year materials guarantee
Turbo Torch	8m x 1m	37kg	Polyester	Green, Blue-grey, Black or Brown slate	Rapid application, SBS modified slate surfaced cap sheet with a 10 year materials guarantee
Adesso	8m x 1m	33kg	Polyester	Green, Black or Brown slate	APP modified slate surfaced cap sheet with a 10 year materials guarantee
IKO SBS Cap Sheet	8m x 1m	33kg	Polyester	Green, Blue-grey, Black or Brown slate	Economy grade SBS modified, slate surfaced cap sheet
IKO APP Cap Sheet	8m x 1m	33kg	Glass-fibre	Green slate	Economy grade APP modified, slate surfaced cap sheet
IKO 4KG APP Plain	8m x 1m	36kg	Glass-fibre	Fine Sand	APP modified slate surfaced cap sheet or high performance underlay, with a 10 year materials guarantee
Pour & Roll Membranes					
Challenger SBS 250 / 180	8m x 1m	39kg / 35kg	Polyester	Green slate	SBS modified, slate surfaced pour and roll cap sheet with 15 year materials guarantee
Challenger SBS Sand	20m x 1m	39kg	Polyester	Fine Sand	SBS modified pour and roll underlay
Challenger 250 / 180	8m x 1m	39kg / 35kg	Polyester	Green (180) or Blue-grey slate (250)	Slate surfaced pour and roll cap sheet with oxidised bitumen coating. 10 year materials guarantee.
Challenger Sand	20m x 1m	40kg	Polyester	Fine Sand	Pour and roll underlay with oxidised bitumen
Self-Adhesive Membranes					
Coldseal Top Sheet	6m x 1m	20kg	Polyester	Green slate	SBS modified, self-adhesive cap sheet with 10 year materials guarantee
Coldseal Underlay	8m x 1m	18kg	Glass-fibre	Polyethylene film	SBS modified, self-adhesive underlay for use with Coldseal Top Sheet
Complementary Membranes					
IKO SBS Premium Underlay	12m x 1m	38kg	Polyester	Fine Sand	SBS modified high performance underlay
IKO SBS Standard Underlay	16m x 1m	36kg	Glass-fibre	Fine Sand	SBS modified economy grade underlay
IKO Polyester Universal Underlay	8m x 1m	32kg	Polyester	Fine Sand	Polymer modified universal underlay
IKO Glass Universal Underlay	16m x 1m	36kg	Glass-fibre	Fine Sand	Polymer modified, economy grade universal underlay
IKO T-O Venting Layer	20m x 1m	28kg	Glass-fibre	Fine Sand	Torch-applied, partial bond venting layer

Torch-On Membranes SBS Modified

Torchflo

Torchflo is a polyester based, slate surfaced torch-on cap sheet, coated with an SBS modified bitumen coating. The membranes feature a tough polyester reinforcement, providing exceptional mechanical strength and dimensional stability.

The upper surface is finished with a factory applied choice of green, brown, blue-grey or black mineral granules, and the lower surface features a rapid melt sacrificial film, making application fast and secure. A 75mm sacrificial selvedge facilitates bonding of side laps. Torchflo provides reliable and effective flat roof waterproofing, combining the qualities of excellent performance, good handling characteristics and economy. The product can be applied onto suitable pour and roll or torch-on underlays as part of a built-up system, or as a refurbishment overlay to existing asphalt or selected mineral surface bitumen membranes.



Features & Benefits

- Specially formulated SBS modified coating
- Tough polyester base for membrane strength and durability
- Excellent puncture resistance against trafficking during work operations
- Low temperature flexibility –10°C
- Rapid melt sacrificial backing speeds torching application
- Good resistance to foot marking
- Range of 4 mineral colour finishes
- 15 year materials guarantee



Torch-On Membranes APP Modified

Permatorch & Permatorch Plus

Permatorch APP & Permatorch Plus are next generation high performance modified, torch applied roofing cap sheets.

These products combine the qualities of a specially formulated, high softening point modified bitumen coating with a tough high tensile strength polyester base, providing optimum handling characteristics and long-term durability, making them the best all-round performing torch-ons in their class. The membranes can be used for both new work and refurbishment projects, and can be supplied with up to a 15 year guarantee.

Permatorch & Permatorch Plus can be used with either of IKO's Universal Underlays, depending on the specification and system performance required.

Features & Benefits

- Thick and robust slate surfaced cap sheets
- Range of attractive slate finishes (Permatorch - Green, Permatorch Plus - Green, Black, Brown Slate)
- High softening point coating for summer application
- Heavy weight polyester base
- Strong and flexible
- Low temperature flexibility -5°C for winter application
- Long-term durable performance
- Excellent year round performance characteristics
- 15 year materials guarantee



Torch-On Membranes SBS Modified

Turbo Torch

The Turbo Torch range of cap sheets and complementary underlays has been specifically developed to provide the perfect combination of long-term performance, ideal handling characteristics and rapid torch-on installation.

The unique Turbo-Flow polymer modified bitumen coating melts faster with less gas/heat required, rapidly achieving optimum bond strength, and then cools quickly to reduce foot marking and slumping. Turbo Torch membranes are polyester based, with the specifically blended Turbo-Flow SBS polymer modified bitumen coating, ensuring high tensile strength, excellent low temperature flexibility and guaranteed long-term performance.

Features & Benefits

- High performance/rapid installation
- Unique Turbo-Flow SBS modified bitumen coating
- 'Quick Torch' rapid dispersal backing film
- Less gas/heat required for installation
- Reduced installation time (up to 30% faster)
- Ideal for detail work – slate surfacing matches pour and roll cap sheets
- 10 year materials guarantee



Torch-On Membranes APP Modified

Adesso

Adesso is a range of polyester based, slate surfaced torch-on cap sheets, coated with a high softening point APP modified bitumen coating. These membranes also have a rapid melt sacrificial film on the underside, making application fast and secure.

Adesso membranes provide reliable and effective flat roof waterproofing, combining the qualities of excellent performance, handling characteristics and economy. They can be applied onto suitable pour and roll or torch-on underlays as part of a built-up system, or as a refurbishment overlay to existing asphalt or selected mineral surface felt.

Features & Benefits

- APP modified bitumen torch-on cap sheets
- Cost-effective durable performance
- Strong and flexible
- Low temperature flexibility -5°C
- 10 year material guarantee
- Polyester base
- Use with Universal Underlay range
- 10 year materials guarantee



Torch-On Membranes SBS Modified

IKO SBS Polyester T-O

IKO SBS T-O Cap Sheet consists of a polyester carrier coated with SBS rubber modified bitumen. The upper surface is finished with mineral granules and the lower surface has a sacrificial film which rapidly melts during the torching operation. A 75mm sacrificial film selvedge facilitates easy bonding of side laps.

IKO SBS T-O Cap Sheet is intended for use as part of a torch-applied built-up roofing system for flat and sloping roofs. It is ideal both for new roofs and for the repair of existing felt and asphalt roofs.

Features & Benefits

- High softening point coating
- Strong polyester reinforced base
- Excellent low temperature flexibility
- Choice of colour finishes
- 10 year materials guarantee



Torch-On Membranes APP Modified

IKO APP T-O Cap Sheet

IKO APP T-O Cap Sheet is a glass-fibre based, slate surfaced torch-on cap sheet, coated with a high softening point APP modified bitumen coating. The torching film can be rapidly dispersed, making application fast and secure.

IKO APP T-O Cap Sheets provide reliable and effective flat roof waterproofing, combining the qualities of excellent performance, good handling characteristics and economy. They can be applied onto suitable pour and roll or torch-on underlays as part of a built-up system, or as a refurbishment overlay to existing asphalt or selected mineral surface bitumen membranes.

Features & Benefits

- High softening point coating
- Strong glass-fibre base
- Durable APP modified bitumen
- Low temperature flexibility -5°C
- Cost-effective performance
- 10 year materials guarantee



Torch-On Membranes APP Modified

IKO 4KG APP Plain - Waterproofing Membrane

IKO APP 4KG can be used as an economical and flexible cap sheet or a high performance underlay.

IKO 4KG APP Plain waterproofing membrane is a glass-fibre based torch applied underlayer/top layer, coated with a high softening point APP modified bitumen coating. The torching film can be rapidly dispersed, making application fast and secure.

IKO 4KG APP Plain waterproofing membranes provide reliable and effective flat roof waterproofing, combining the qualities of excellent performance, good handling characteristics and economy. They can be applied onto suitable pour and roll or torch-on underlays as part of a built-up system.

Features & Benefits

- Torch-on application
- High softening point coating
- Strong glass-fibre reinforcement
- Durable APP Modified bitumen
- Low temperature flexibility -5°C
- Cost effective performance
- 10 year materials guarantee



Pour & Roll Membranes

The Challenger products form a simple range of roofing membranes, which are suitable for domestic and commercial applications.

Challenger SBS Polyester Based Cap Sheets

Challenger SBS membranes have a polyester base for toughness and durability and an SBS modified bitumen coating. Green slate surface membranes are available for use as cap sheets without the need for protection, sand surfaced membranes are used as underlays or where additional surfacing in the form of chippings or promenade tiles will be provided.

Features & Benefits

- Tough polyester bases
- SBS modified bitumen coating
- 15 year materials guarantee



Challenger Polyester Based Cap Sheets

Challenger membranes have a polyester base for toughness and durability and an oxidised bitumen coating. Green and blue-grey slate surface membranes are available for use as cap sheets without the need for protection; sand surfaced membranes are used as underlays or where additional surfacing in the form of chippings or promenade tiles will be provided.

Features & Benefits

- Tough polyester bases
- Oxidised bitumen coating
- Choice of green or blue-grey cap sheets
- 10 year materials guarantee



Self-Adhesive Membranes



Coldseal Self-Adhesive Cap Sheet and Underlay

Coldseal is a two-layer, high performance, self-adhesive system that is ideal for replacing an existing roof covering or installing a new waterproof surface on a properly prepared deck.

Coldseal has been specially developed to make flat roofing more straightforward and economical for the jobbing builder, small roofer or experienced DIYer, to a professional quality standard.



Features & Benefits

- Ideal for habitable buildings, dormer windows, porches and extensions to garages
- No need for hot bitumen, gas torches or messy liquids
- Simple installation – only basic skills and tools required
- Clean and easy to handle, backing simply strips away
- Tough and durable
- BBA Certification
- 10 year materials guarantee

Quicktrim Roof Edge System

Quicktrim is a range of uniquely designed roof edge trims that provide the perfect solution to flat roof edge detailing, whether used by a professional roofer, or an experienced DIY installer.

Features & Benefits

- Quick and easy to install
- Cost-effective – no timber kerbs or separate angle fillets required
- Long-lasting and maintenance free – will not rust or rot
- Long-lasting performance – retains colour and flexibility
- Black or white finishes – enhancing the appearance of flat roof perimeter detailing



IKO SBS Underlays

IKO Standard SBS Underlayer consists of a glass tissue carrier coated with rapid flow SBS rubber modified bitumen. IKO Premium SBS Underlayer features a polyester carrier and is also coated with rapid flow SBS modified bitumen. The upper surface of both products is finished with fine sand and the lower surface has a sacrificial film which rapidly melts during the torching operation.

Features & Benefits

- Rapid flow SBS modified coating
- Polyester or glass base options
- Torch-on application



IKO Universal Underlays

IKO's range of universal torch applied underlays includes a polyester based, 4kg/m² sand surfaced product (IKO Polyester Universal T-O Underlay), and a standard glass fibre based underlay (IKO Glass Universal T-O Underlay). The products are finished with sand on the top and are surfaced on the underside with a flame dispersible polyethylene film to allow for torch application.

Features & Benefits

- High softening point bitumen coating
- Polyester or glass base options
- For use under a wide range of cap sheets



IKO Torch-On Venting Layer

IKO T-O Venting Layer is composed of a perforated glass reinforcement which is saturated and then coated in polymer modified bitumen. A fine sand finish is applied to the top surface and a sacrificial film to the back surface. The sacrificial film over the perforations melts during application of the underlayer and allows bitumen to flow through the perforations and spot bond to the deck.

IKO T-O Venting Layer is specifically designed for use with torch applied roofing membranes and when used as the first layer of a torch applied built-up felt roofing system, will provide a positive partial bond to prepared non-combustible substrates. Manufactured with an oxidised bitumen coating, IKO T-O Venting Layer can be used in conjunction with both SBS and APP modified torch-on roofing.

Features & Benefits

- SBS and APP compatible
- Helps prevent risk of 'blistering'
- Positive partial bonding
- Easily installed
- Loose laid – (partially bonded with torch application of the subsequent layer)
- Rot proof



Glass Fibre Roofing Range

Our glass fibre based roofing membranes comprise a range of underlays and cap sheets complying with former BS 747: 2000 Type 3 where applicable. The products usually have an oxidised bitumen coating and are either sand or mineral surfaced. These products are usually applied with hot bonding bitumen, or cold bitumen adhesive.

Features & Benefits

- British Standard glass fibre based
- Economic roofing materials



IKO Perforated Slate Underlay

(Formerly BS 747: 2000 Type 3G)

IKO Perforated Slate Underlay is a perforated venting underlay which is sand finished on the top surface and slate finished on the underside. This product is loose laid, and designed to provide a controlled partial bond to a substrate when the subsequent layer is fully bonded in hot bitumen in a built-up roofing system.

IKO Glass Fibre Underlay

(Formerly BS 747: 2000 Type 3B)

IKO Glass Fibre Underlay is a waterproofing membrane which is sand finished on both surfaces, and is used as an economical underlay (or intermediate layer) in a built-up felt roofing specification. This product can also be used as an underlay to bitumen shingles in a pitched roof application.

IKO Perforated Sand Underlay

(Formerly BS 747 Type 3H)

IKO Perforated Sand Underlay is a perforated venting underlay which is sand finished on both surfaces. This product is loose laid to provide an economical, controlled partial bond to a substrate, when the subsequent layer is fully bonded in hot bitumen.

IKO Glass Fibre SBS Cap Sheet

IKO Glass Fibre SBS Cap Sheet is an SBS modified waterproofing membrane which is finished with sand on the underside and a decorative slate on the upper surface. It offers improved low temperature flexibility, fatigue resistance and durability over the more traditional oxidised bitumen coated, glass fibre based roofing cap sheets.

Roofing for everyday applications

IKO traditional roofing felt is a well established range of British Standard roofing membranes. These roofing felts can be used as a single, two-layer or three-layer application, and are suitable for use as temporary waterproofing or for use on a wide range of garden buildings.

These traditional products can be applied using conventional pour and roll techniques. They may be bonded cold-applied using IKOpro Roofing Felt Adhesive or alternatively nail fixed. The range provides a cost-effective roofing solution suitable for a wide range of projects, although they are not recommended for use on habitable buildings.

Features & Benefits

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

IKO Trade Underlay (Medium)

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

IKO Trade Underlay (Heavy)

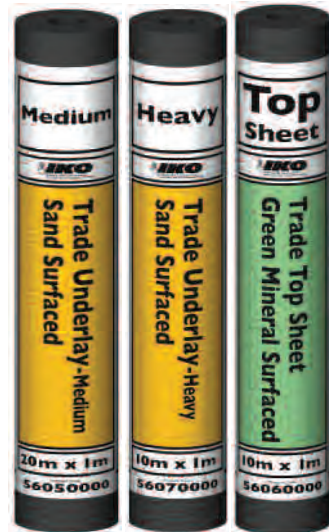
10m roofing felt for use as an underlay to a multi-layer system or as a cap sheet where the surface is dressed with stone chippings.

- Roll size: 10m x 1m

IKO Trade Top Sheet (Green)

Green slate surfaced top layer, ideal for use as the cap sheet to a multi-layer system or a single layer on shed roofs.

- Roll size: 10m x 1m



Flat Roofing Accessories

IKOpro Quick Dry Bitumen Primer

Fast-drying bitumen priming solution designed to seal and prepare dry or slightly damp surfaces for the application of bitumen waterproofing products and systems.

Features & Benefits

- Drying time approximately 30 minutes at 20°C, depending on the substrate
- No residual tack
- Available in 2.5L, 5L & 25L



IKOpro SA Bitumen Primer

Fast-drying, rubber modified bituminous priming solution designed to seal and prepare surfaces for the application of roofing and waterproofing systems, in particular self-adhesive membranes.

Features & Benefits

- Drying time approximately 1 hour depending on the substrate and the weather conditions
- Available in 5L & 25L



IKOpro Roofing Felt Adhesive

IKOpro Roofing Felt Adhesive is a cold, brush applied, black, oxidised bitumen-based adhesive used to bond successive layers of roofing membranes or roofing membranes to concrete, asphalt, metal, plywood, OSB 3 and similar surfaces.

Features & Benefits

- Available in 1L, 2.5L, 5L & 25L



Easy-Melt Bonding Bitumen

Easy-Melt is a high grade bonding bitumen, supplied in easy to handle 10kg shrink wrapped blocks. Easy-Melt combines the benefits of a high quality bonding bitumen, with the greater efficiency, safer handling and reduced waste that comes from this convenient package.



Features & Benefits

- High quality general purpose hot bonding bitumen
- Melt away packaging – less waste to clear up
- Easy to use 10kg shrink wrapped blocks
- Safer to use - almost half the weight of conventional keg bitumen
- Environmentally friendly - no wrapper to remove and dispose of
- Economical to stack and store – requires less room than conventional kegs
- Heated in a standard bitumen boiler
- Requires less heat to achieve usage temperature

Protectoboard

Protectoboard is a protection and roof recovery board fabricated with a bituminous core sandwiched between two layers of non-woven glass fibre reinforcement. It offers durable and reliable performance and is fully compatible with a range of bituminous and non-bituminous waterproofing systems.



Features & Benefits

- Use for existing surface preparation or finished waterproofing protection
- Robust and dimensionally stable
- 3.2mm thick (Standard Grade) and 12.5mm thick (Heavy Duty Grade by special order)
- Various board size options
- Mechanically fixed or bonded in bitumen/PU Adhesive
- Easily cut and formed on site
- Easily stored, requiring minimum storage space
- Can directly receive torch applied, bitumen bonded or self-adhesive roofing membranes

General Roofing Accessories

IKOflash

IKOflash is a lead-free flashing material which is ideal for use in areas such as chimney and abutment flashings, rooflights and pitched valley linings.

IKOflash is extremely easy to install and offers a modern alternative in situations where lead flashing would traditionally be used.

Features & Benefits

- **Lighter** - 80% lighter than lead
- **Faster** - Rapid installation - up to 50% quicker
- **Flexible** - Can be worked and formed in the same way as lead
- **Cost-effective** - No scrap or resale value therefore less risk of theft
- **Environmentally friendly** - IKOflash is non-toxic and recyclable

Typical Applications

- Stepping flashing
- Abutment flashing
- Chimney flashing
- Pitched valley lining
- Rooflights and solar panels
- Dormers



IKOpro Stickall

IKOpro Stickall is a dense elastomer modified bituminous sealing glue that remains plastic under normal temperatures and adheres well to most building surfaces, including wet surfaces. IKOpro Stickall has good UV stability and resistance to sagging at high temperatures.

Typical Applications

- Used to seal cracks and blisters on felt roofs
- As a sealant along the edges of ridge tiles
- Between laps or around bolt holes on sheeted roofs
- Around roof lights and for the repair of gutters
- Finishing mastic for sealing of rainwater pipes, chimneys, all sorts of roof penetrations
- Cold applied adhesive for additional bonding of bituminous shingles
- Sealing corrugated sheet accessories
- High permanent adhesive strength when used with building materials such as bituminous surfaces, wood, metals, stone, plastics and concrete
- For use with IKOflash



Pitched Roof Systems



IKOslate is a composite roof tile manufactured from mineral reinforced, 99% recycled and re-engineered materials. Its unique structure gives it superior strength and makes it easier to handle and install. IKOslate has the same aesthetic qualities as slate because moulds of quarried slates are used to form the composite tiles. Each mould imparts different textures and patterns to the tile and its natural look is enhanced by a realistic "slate grey" finish.



IKOslate easy carry packs

IKOslate allows the experienced roofer, or contractor without extensive roofing experience, to deliver a sustainable roof with the look and feel of slate faster and more economically than previously possible. An IKOslate tile is around 80% lighter than a traditional slate of the same size which makes transporting them to, and around site, much easier especially as they're supplied in clever carry-packs for efficient manual handling. Unlike natural slate, IKOslate can be installed using power tools. Tiles can be nailed down using a hammer or nail gun and they can be cut with a hacksaw or jigsaw. Any offcuts are 100% recyclable.

To view the installation video go to:
www.ikogroup.co.uk/ikoslate



Features & Benefits

- Manufactured from 99% recycled, re-engineered materials
- Easy to carry packs with integral handle
- Quicker to install - save time & money on site
- Approximately 80% lighter than natural slate
- Fire rated to EXTS.AA in accordance with BS476 Part 3: 2004
- Certified to withstand wind and wind driven rain in excess of 110mph
- Resistant to fungicidal and microbial growth as well as airborne chemicals and pollutants
- Robust and non-brittle – less breakages and less wastage
- Safe to cut and use on site – no harmful dust created

IKO's Pitched Roof System

The IKO Pitched Roof System is the first roofing concept that meets the needs of the modern roofer. Individually each component represents state of the art roofing technology, together they form a unique and fully integrated solution.

Includes

- Eaves Protection Strip
- IKO Ultimo HS
- IKOslate
- IKO Armourvent
- IKOslate Crown Ridge
- IKOflash



An introduction to the IKO underslating range

IKO produces a wide range of products for use on pitched roofs including breathable and non-breathable underslating membranes and traditional bituminous roofing products.

Underslating membranes are installed below tiles, slates or metal roofing, to provide a secondary barrier against wind driven rain, snow and dust.

	Ultimo HS	Rubershield - Pro	Rubershield - Light	Rubershield - Trade	IKO Pitched Roof Underlay	IKO Undertile Felt	Eaves Protection Strip
Product Type	Breather Membrane	Breather Membrane	Breather Membrane	Breather Membrane Underlating	Non-Breather Membrane Protection	Bituminous	Bituminous Eaves
Roll Size (m)	30 x 1/1.5	50 x 1/1.5	50 x 1/1.5	50 x 1/1.5	15 x 1/45 x 1	15 x 1	16 x 0.5/16 x 0.33
Roll Weight (kg)	8.1/12.15	7.1/10.65	5.6/8.4	5/7.5	2.1/6.3	22.5	14.5/9.6
Warm Pitched Roof	✓	✓	✓	✓			
Cold Pitched Roof (Unventilated)*	✓	✓	✓	✓			
Cold Pitched Roof (Ventilated)	✓	✓	✓	✓	✓	✓	
Timber Framed Wall Application	✓	✓	✓	✓			
Eaves Protection (Dressing into External Gutter)							✓
Approval / Standard	BBA Cert No. 12/4933	BBA Cert No. 07/4457	BBA Cert No. 07/4457	BBA Cert No. 07/4457	BBA Cert No. 10/4721	Formerly BS 747 Type 1F	Formerly BS 747 Type 5U

*For NHBC project, additional ridge ventilation will be required

Ultimo HS Breather Membrane

Ultimo HS is a multi-layer, robust membrane that is more than twice as strong as standard breather membranes. This practical benefit ensures extremely high nail tear and puncture resistance, whilst also helping to reduce the risk of falls on site.

Ultimo HS breather membrane is able to cope with the demands of today's house building in innovative ways which are not possible with conventional underslating membranes. With the majority of membranes focusing simply on vapour permeability, there can be a danger of moisture overload as newly occupied (and heated) houses dry out quickly. However, Ultimo HS is an intelligent membrane that can deal with high levels of humidity and is able to absorb and release large amounts of moisture vapour in a measured, effective way. Therefore, the risks associated with condensation are virtually eliminated with Ultimo HS.



Features & Benefits

- High absorbency Breather Membrane
- Outstanding nail tear resistance
- Patented technology
- BBA Certified
- Excellent UV stability

Rubershield-Pro Breather Membrane

Rubershield-Pro is a second generation breather membrane, which conforms to the highest performance and professional standards.

Designed as a fully supported or unsupported breathable underlay for tiled, slated or metal roofing systems, Rubershield-Pro is equally suitable whether draped unsupported over rafters or laid directly over insulation.

Rubershield-Pro assists in the removal of moisture vapour from within the roof structure, whilst protecting against wind driven rain, snow and dust, which may penetrate the main roof waterproofing, providing a permanent quality breather underlay, which will last the life of the roof construction.



Features & Benefits

- Highly breathable
- BBA certified
- Robust and hard wearing
- Excellent UV stability

Rubershield-Light

High performance breather membrane for tiled and slated pitched roofs.

Rubershield-Light is a BBA certified, lightweight breather membrane incorporating a vapour permeable film. The product resists penetration by liquid water yet allows the passage of water vapour. Rubershield-Light will be virtually unaffected by normal conditions found in the roof space and will have a life comparable with that of the roof covering.

Rubershield-Light is designed for use as a fully supported or unsupported breathable underlay for tiled, slated or metal roofing systems.

Features & Benefits

- Breathable and durable
- BBA certified



Rubershield-Trade

Economical breather membrane.

Rubershield-Trade is an economical breather membrane which combines good performance, ease of application and value for money. Rubershield-Trade is designed for use in warm, non-ventilated and cold ventilated roofs.

Features & Benefits

- Cost-effective breather membrane
- BBA certified



IKO Pitched Roof Underlay (Non-Breather)

IKO Pitched Roof Underlay is a BBA certified, lightweight high performance underlay for pitched tiled and slated roofs, ventilated in accordance with BS 5534: 2003. Installed in the same manner as conventional tile and slate underlays, IKO Pitched Roof Underlay prevents the ingress of wind-driven dust, rain and snow into the roof void.

Features & Benefits

- Clean and easy to handle
- Lightweight alternative to traditional IF
- Convenient roll lengths
- BBA certified



IKO Undertile Felt IF

IKO Undertile Felt is the traditional bituminous underslating, complying to British Standards and still favoured by many roofers. It is manufactured specifically for use as an underslating beneath tiles or slates in open rafter construction. It can also be used as a vapour retarder in built-up roofing.

Features & Benefits

- Traditional slaters' felt
- Suitable for cold ventilated roofs



Pitched Roofing Accessories

Eaves Protection Strip

IKO Eaves Protection Strip is a high performance polyester based bituminous membrane, specifically designed to give lasting protection where underslating membranes (eg breather membranes) dress into external gutters.

Features & Benefits

- Conforms to NHBC Technical Standards
- Ensures full protection when dressing into an external half round guttering
- Can be used with any underslating material (including breather membranes)
- Suitable for use on any tile or slate finish and in both cold or warm roof configurations
- Available in 2 widths: 0.5m or 0.33m



Rubershield Jointing Tape

Allows the individual sheets of membrane to be sealed to each other and at detail work improves waterproofing performance.

A high performance double-sided self-adhesive tape, protected by a silicon release film on both sides. It is applied between the overlap and at perimeter details/roof penetration points in Rubershield-Pro and other polypropylene membranes to effectively seal the joints.

It can make a considerable contribution to a roof complying with Part L of Building Regulations by effectively limiting unwanted air movement and improving thermal performance.

Main uses

- Sealing all lap joints in IKO polypropylene underslating membranes
- Attaching the membrane to other surfaces
- Sealing the membrane at penetration points such as soil pipes
- Roll dimensions: 50m x 25mm



IKO Armourvent - Ventilation Strip for Pitched Roof Ridges

IKO Armourvent is an innovative, easy to install ventilation strip that effectively controls the formation of condensation in the roof void. The unique design consists of an ultra-strong but discreet profile, ensuring a smooth, straight and virtually invisible roofline.

In conjunction with IKOslate ridge and hip tiles, IKO Armourvent provides a mechanically fixed ridge ventilation system which complies with BS 5534 (Slating & Tiling) and BS5250 (Control of condensation).



Features & Benefits

- Effective but discreet ventilation solution
- Helps control condensation in the roof void
- Strong and durable – helps extend the life of the roof
- Rigorously tested in extreme weather conditions
- Exceeds British Standards' requirements for ridge ventilation

Roll Size: 6m x 228mm

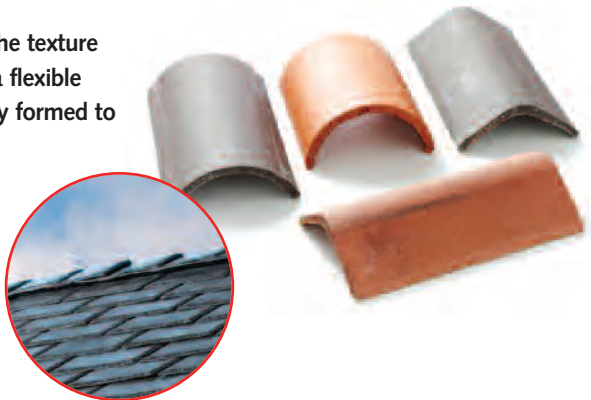
Roll Weight: 3.4kg

Thickness: 15mm

IKOslate Crown Ridge

Recycled, Low Waste Roof Slate

IKOslate Crown Ridge pieces have the texture and finish of regular IKOslates and a flexible hinge which allows them to be easily formed to any ridge profile.



Roofing Shingles & Shed Felt



Roofing Shingles

Armourglass Square Butt & Armourshield Hexagonal

Protecting what's under your roof from the elements is simplicity itself with IKO Roofing Shingles. Roofing Shingles make ideal roofing; they are attractive, easy to install and are perfect for use on a range of buildings.

They are particularly suited for the roofs of stables, gazebos, beach huts, summer houses and sports pavillions. Suitable for temporary or permanent, domestic or commercial, habitable or recreational buildings with a roof pitch from 15° to vertical.

Features & Benefits

- Long-lasting and economical
- Attractive appearance
- Choice of colours and shapes
- Lightweight and easy to install
- SAA fire-rating
- Non-rotting glass-fibre base
- UV resistant decorative mineral surfacing
- Complies with European Standard EN544 Class 1



Square Black



Square Brown



Square Green



Square Tile Red



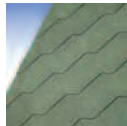
Square Slate Grey



Hexagonal Black



Hexagonal Brown



Hexagonal Green



Hexagonal Tile Red



Hexagonal Granite Grey

Shed Felt

IKO Waterproofing Shed Felt is a traditional bitumen coated roofing felt with a protective and decorative fine mineral finish.

It is specially suited for application to the roofs of garden sheds, chalets, stables, kennels, hutches and other non-inhabited buildings which have a roof pitch of 20° or more.

Colour Options

- Green mineral surface
- Red mineral surface
- Black mineral surface



Also available Super Shed Felt

Designed to offer a longer lasting, more robust solution, IKO Super Shed Felt is a polyester reinforced bitumen coated roofing felt with a protective and decorative fine green mineral finish.

Other products available from IKO

Hyload Above Ground Structural Waterproofing

- High Performance DPC's
- Insulated DPC & Cavity Closure
- Damp Proof Membranes
- Preformed Cloaks

Hyload Below Ground Structural Waterproofing

- Tanking Membranes
- Liquid Tanking
- Protection Boards
- Wall Drainage Systems

IKOpro Liquids for the Professional

- High Performance Solutions and Compounds for Roofing and Structural Waterproofing

IKOTEX Weed Control and Landscape Fabrics



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