



***WE'VE GOT YOU COVERED***





## WHY CHOOSE MEIR ROOFING

Meir Roofing and Insulation Supplies are pleased to offer, as part of the service to our customers, highly trained, motivated, and experienced staff who provide comprehensive information, cost effective systems and suggestions on the latest regulations and the very best in technical advice, product identification, specification, and site surveys, along with maintaining prompt service whilst ensuring value for money for the customers, whilst protecting the environment.

Whatever you require, from traditional roofing materials such as torch-on membranes, liquid waterproofing, mastic asphalt, insulation, hot melt, sheeting, and cladding, lead or copper, to green roofing or bio-diverse packages, feel free to contact us at any time to talk prices and trade discounts. In Goole, we also offer an over-the-counter service that is available to both trade and retail customers.

All products can carry insurance warranties for periods up to 25 years that include labour and materials for approved contractors and considering environmental, fire protection and carbon footprint issues. Green roofs are available for all types of roof structures and utilising different waterproofing systems along with living walls.

Please contact us at any time for free advice:

Telephone: 01405 780444 or 07710 338736  
email: [sales@meir-roofing.co.uk](mailto:sales@meir-roofing.co.uk)  
Website: [www.meir-roofing.co.uk](http://www.meir-roofing.co.uk)

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Bitumen Membranes

High performance SBS, APP or APAO membranes that are reliable, durable, and long lasting, cost-effective waterproofing systems. Using state-of-the-art technology, the membranes are environmentally friendly, easy to use and easy to install, can be self-adhesive or fully bonded with certification including BBA, Broof T4, Olivine Carbon Capture mineral and all systems carry extended warranties

Once installed, torch-on felt roofing forms resilient, water-tight seal with the roof on which it is installed, that ensures that the roof remains waterproof even in adverse weather conditions, such as strong wind and can be simply repaired where necessary.



Self Adhesive Roofing Felt

Self-Adhesive Roofing Systems ensure improved safety using flame free installation methods by removing the need for naked flames. The system is designed to meet the individual requirements of any size project refurbishment and new-build roofing and waterproofing projects. It is available in aluminium faced vapour barrier or sand faced bitumen all with certification and warranties



Single Ply

Single-ply roof membranes are manufactured in a variety of materials, easy to install, durable, fire, chemical and UV, resistant, eco-friendly roofing membranes suitable for lightweight, cost-effective fast-track construction projects with guarantees and certification.





## EPDM Roof Edge Trims

Our EPDM Roof Edge Trims are perfect for achieving a professional finish to roof edges, our high-quality EPDM rubber roof trims are ideal for achieving a durable roof edge that can be easily installed, with minimum effort.



## Liquid Drip Rails

Our Liquid Drip Rails are most associated with liquid roofing applications. It's an effective solution for terminating a membrane on an edge where water is required to run off. Drip trims offer a neat edge which is simple to handle and install and will be maintenance free.

## Checktrim Fascia

Our Checktrim Fascia offers a neat solution to untidy roof edges. It is suitable for liquids, felt and asphalt. It has a low coefficient of thermal expansion which significantly reduces roof leakage caused by the splitting of roofing membranes at roof trim joints.



## Vertical Outlet

Each spigot outlet comes with a body, clamping ring and grating assembly (domical or flat).

**Available in four sizes;**  
50mm, 75mm, 100mm and 150mm.



## Refurbishment Outlet

For refurbishment projects where installation is required without disturbing existing pipework, or for new build projects connecting to a variety of pipe types these Carolet outlets ensure a totally watertight junction between an insulated roof area and the drainage pipework. Available to suit both 75mm and 100mm pipework.



## Balcony Outlet

Caroflow balcony spigot outlets are designed to allow the unit to be installed against a wall/upstand and the grating.

**Available in three sizes;**  
50mm, 75mm and 100mm.



## Roof Outlet

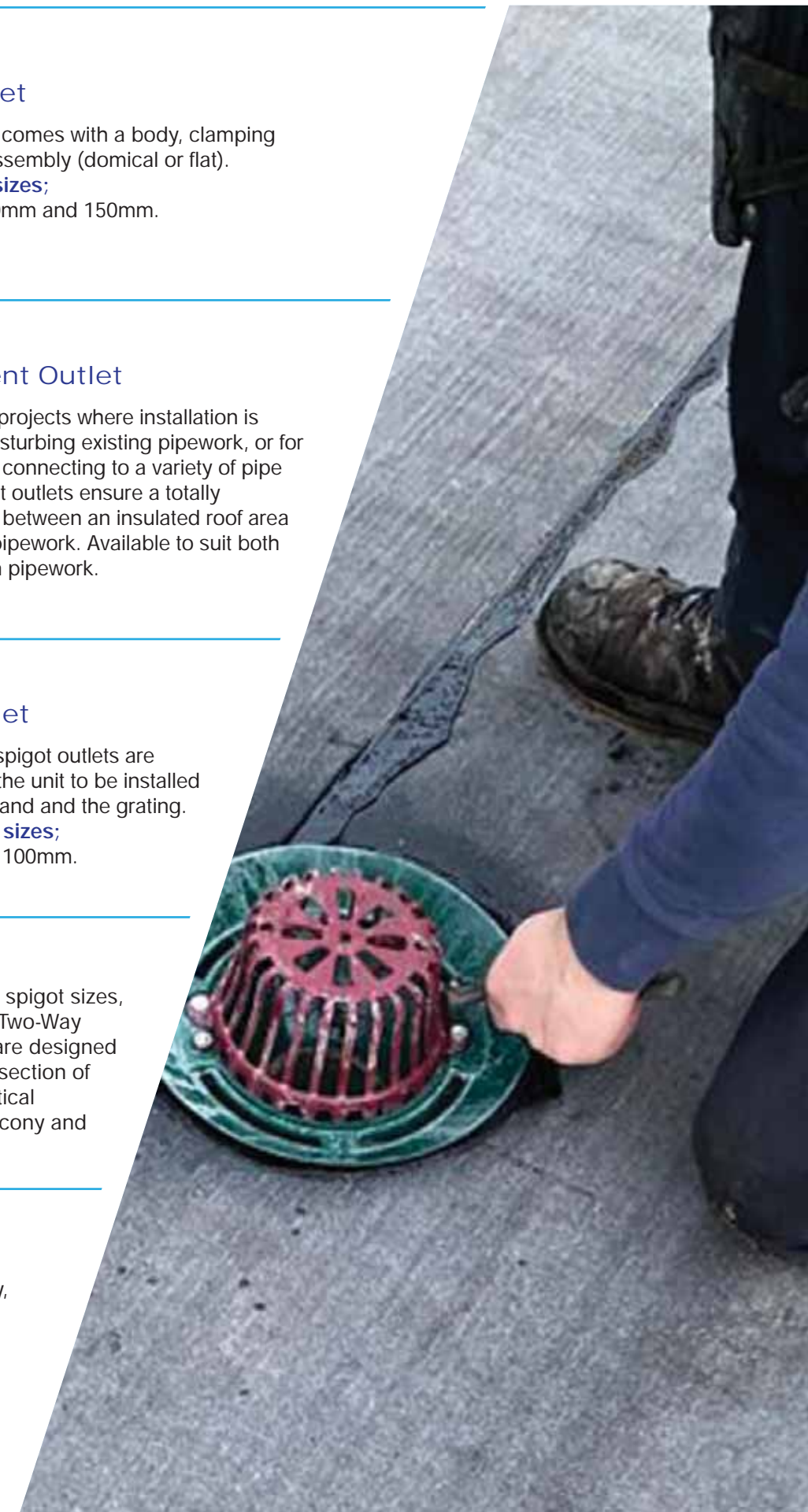
Available in 50mm spigot sizes, the Caroflow Mini Two-Way Threaded outlets are designed for use at the intersection of horizontal and vertical surfaces, i.e. a balcony and parapet wall.



## 45° Outlet

Each spigot outlet comes with a body, clamping ring and grating assembly (domical or flat).

**Available in three sizes;**  
50mm, 75mm and 100mm.





By putting customer's interests first with good product knowledge, offering sound impartial technical advice on building and environmental issues we can supply a cost effective range of thermal, acoustic and fire protection insulation products to the construction industry throughout the UK whilst meeting current regulations. Products from all major manufacturers covering thermal, acoustic and fire insulation requirements for walls, lofts, roofs, floors and civil engineering applications and including a full range of accessories.

### Why choose tapered (cut to falls) roof insulation?

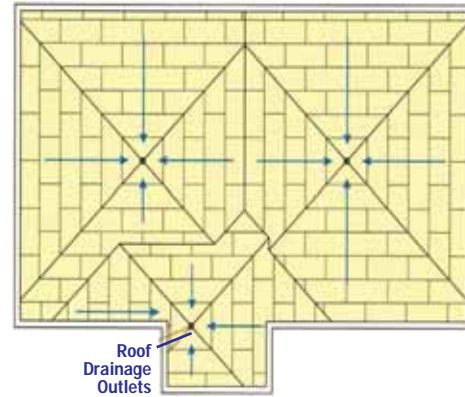
A flat roof should never be truly flat! The objective of tapered roof insulation systems is to reduce or eliminate the amount of standing water on the membrane where the roof deck does not provide adequate slope. Ponding water can have an adverse effect on the waterproofing membrane and add excess weight to the structural deck, make routine maintenance more difficult and possibly more dangerous. A correctly designed tapered roof insulation system not only provides the positive drainage needed, but also helps extend the life of the roof membrane. The provision of a fall within a warm deck flat roof is normally achieved in one of three ways; tapered insulation, utilising timber furring under a plywood base or by laying a sand and cement or mastic asphalt screed to falls.

### Less costly to install

Quicker to install – estimated drying times for sand and cement screed to falls systems are in the region of 100 days plus, after which the insulation and waterproofing need to be installed. Estimated installation times for a tapered insulation systems and the waterproofing membrane are between 50 – 150m<sup>2</sup> per day (dependant upon deck type and fixing method).

### Reduced Weight

Standard sand: cement screed weighs approximately 2000kg/m<sup>3</sup>. Tapered insulation systems varying dependant upon insulant type; e.g. Rigid PIR – 32kg/m<sup>3</sup>, Rock Mineral Fibre – up to 180kg/m<sup>3</sup>. Tapered insulation therefore offers a huge benefit in the reduced additional weight added to the structure. Is more suitable for complex fall configurations – timber firrings can be complex to install when cross falls are required with the potential of condensation risk within voids formed by the firrings. Additionally with tapered insulation the required fall can be achieved and the necessary thermal insulation is provided in 'one-go'.



### Rockwool

Mineral wool fibre has excellent thermal properties and is perfect for reducing noise pollution, will not support combustion even in direct with flames, can be compressed for easy transport.



### Foam Glass

Foamglass Cellular Glass insulation has a high compressive strength and non-combustible for use in flat, inverted and tapered systems, facades and internally and to create passive fire protection.



### Modified Expanded Polystyrene

With reduced water absorption properties that are required in inverted roofs, Modified expanded polystyrene is produced with increased performance and higher stability.



### Extruded Polystyrene

A closed cell, that prevents water penetrating the board to provides long term strength and durability. This structure creates exceptional compressive strength, is moisture resistant, lightweight, easy to cut, recyclable and suitable for flat, tapered and pitched and under floors.



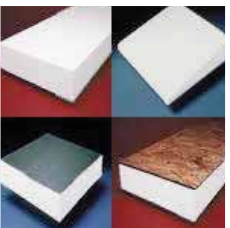
### Polyurethane

Fully compatible with most waterproofing systems, resistant to the passage of water vapour, easy to handle and install, can be fully or partially bonded or mechanically fixed.



### Expanded Polystyrene

A widely used insulation in flat and pitched roofs in flat board and tapered systems both internally and externally. It is flexible with a good thermal performance and can be cut into many shapes, sizes and falls.



### Mineral Wool

Mineral wool is a non-combustible material available in rolls or slabs for use on flat, vertical, rainscreens and cladding and vertical applications. The product is durable, easy to install and suitable for roof, flooring, ceiling, and internal wall insulation



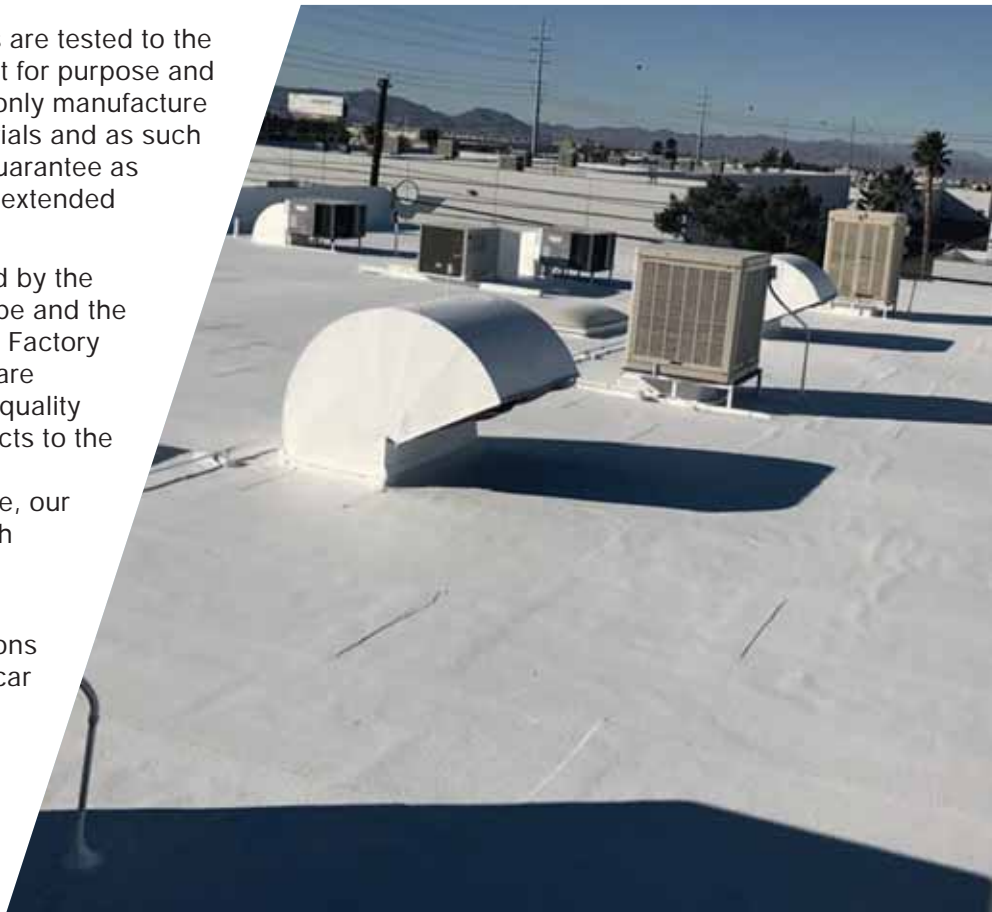


## Guarantees and Testing

The following Liquid Coatings systems are tested to the highest standards to ensure they are fit for purpose and deliver exceptional performance. We only manufacture and distribute high performance materials and as such all our systems come with a 10-year guarantee as standard, with our pro ranges offering extended guarantees of up to 25 years.

The systems are third party accredited by the largest testing houses in the UK, Europe and the United States including BBA, BDA and Factory Mutual and the production processes are externally audited to ensure complete quality control. We continually test our products to the latest standards and whilst our testing certificates are available on our website, our technical team are on hand to deal with specific test enquiries

LRS and Meir believe that liquid waterproofing provides the best solutions for flat and pitched roofs, gutters and car parks and are dedicated to continually improving the quality of both the products and service by offering a technical support team, supported by field based technical managers who can provide site specifications and telephone or onsite support.



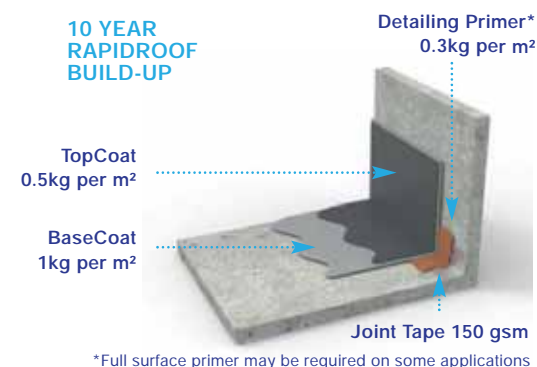
RapidRoof is LRS' unique PMMA, high performance, rapid curing, UV stable, cold liquid applied waterproofing range. With a typical drying time of 20 minutes, RapidRoof is suitable for year round application. Applied by brush or roller, RapidRoof is one of the fastest and most cost effective waterproofing solutions for both commercial and residential projects.

With over 200% elasticity RapidRoof is tough, yet flexible enough to deal with most roof movement, unlike rigid systems. The RapidRoof range comes with our manufacturers product guarantee of 10 years as standard.

RapidRoof is ideal for domestic projects as well as both large and small commercial roofs and is available with an Anti-Skid finish for designated walkways and balconies. It comes in grey as standard or black if required (please call for other colour requirements, subject to minimum orders).

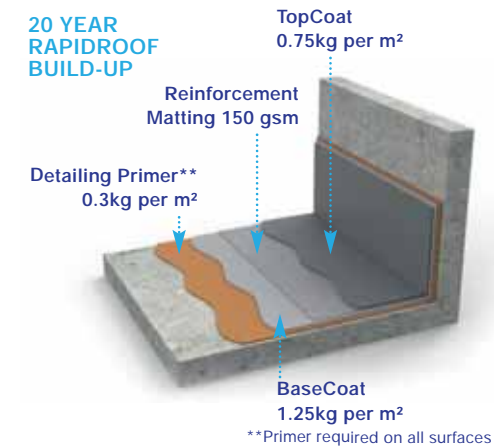
RapidRoof is a 2-component system which is simple to apply and due to its liquid application and versatility to adhere to most surfaces, RapidRoof will self-terminate, in most cases eliminating the requirement for flashings, new trims and expensive detailing.

RapidRoof is designed to cure down to 0°C, which means it can be applied throughout the year.



RapidRoof Pro is our highest specification product which has all the same benefits provided by standard RapidRoof but by incorporating a reinforcement matting provides extended guarantees of up to 20 years. Available exclusively to LRS approved contractors, RapidRoof Pro is backed by a BDA and is NHBC accepted making it ideal for new build construction when speed of application and curing times are important.

Available in grey (RAL 7031) as standard & black an option. Other colours available on request. (Subject to minimum orders). Suitable for application on to: OSB3 Roofing Boards, Old Felt, Asphalt, Concrete, Metal, Old Fibre Glass and compatible with standard GRP trims.

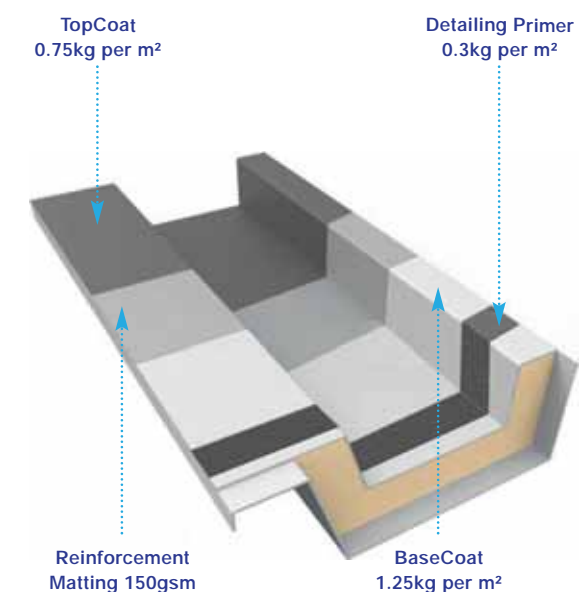


RapidGutter is a fast curing, cold liquid applied PMMA that is tough and durable enough to deal with high-risk leak areas such as gutters. With a typical drying time of 20 minutes, RapidGutter is suitable for year-round application.

Applied by brush or roller, RapidGutter is one of the fastest and most cost-effective waterproofing solutions and is suitable for both commercial and residential projects. With over 200% elasticity RapidGutter is tough, yet flexible enough to deal with most regular building movement, unlike rigid systems and is designed to be applied directly onto most surfaces without the need for primer.

With continuous exposure to flowing and standing water, gutters are one of the biggest causes of failed roof systems. Given that RapidGutter is cold liquid applied, it provides a flexible solution to all gutter shapes and sizes. RapidGutter incorporates Rapid Pro Detailer which benefits from the addition of premixed fibres which provides additional strength.

**RapidGutter is designed to cure down to 0°C, which means it can be applied throughout the year.**



RapidDeck is a unique, cold liquid applied PMMA flooring system, designed specifically to coat areas with high volume foot traffic and is robust yet flexible. RapidDeck provides all the features of RapidRoof with the added benefits of an exceptionally hard wearing topcoat designed to protect the substrate whilst simultaneously reducing the risk of skidding and is designed to be durable enough to withstand both heavy traffic and exposed conditions, including protection for all types of trafficked surfaces including footpaths, balconies, terraces, steps, staircases and factory floors for both domestic and commercial applications.

**Designed for the toughest environments and is guaranteed for up to 20 years.**







Fastcoat is LRS' single component liquid applied pure polyurethane range, which provides fully bonded, tough and durable seamless waterproofing systems. By using our exclusive pure Polyurethane technology, we deliver systems which ensure long performance life and exceptional UV resistance. Polyurethanes are known for their exceptional strength and elastic properties, with this in mind Fastcoat offers complete systems for waterproofing roofs, balconies, gutters and walkways.

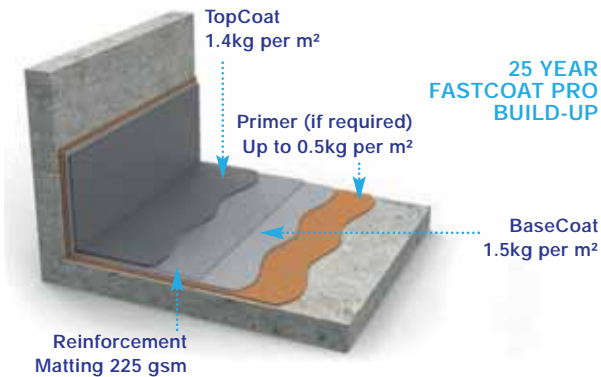
With Fastcoat's, fast cure technology, unlike many alternatives Fastcoat can offer substantial reductions in application time, saving significant amounts of project costs and reducing site disruption. Typically showerproof in 30 minutes and fully cured in approximately 4 hours. Smaller projects can often be completed in a day. Its fully reinforced specification makes FastCoat suitable for flat, pitched and vertical applications.

Our standard FastCoat system comes with a 10-year guarantee.



Fastcoat Pro is LRS' premier waterproofing system offering extended guarantees up to 25 years. A fully reinforced, single component Pure Polyurethane system, Fastcoat Pro offers an exceptional long-term solution to flat roof waterproofing, balconies and walkways. Fastcoat Pro is BBA certified for new roof installations and fully accepted by NHBC.

Suitable for application on to: OSB3 Roofing Boards, Old Felt, Asphalt, Concrete, Metal, Old Fibre Glass and compatible with standard GRP trim. Only available to approved contractors, FastCoat Pro is our extended guaranteed version of FastCoat, which requires training by one of LRS' expert training team to enable use for the right specification.



Elasto-Kote is an SEBS thermoplastic waterproofing roof system designed specifically for application onto pitched and flat roofs including metal, coated metal, concrete, asbestos, EPDM and Single Ply surfaces. With built-in Rust Inhibitor and FM approved, Elasto-Kote offers an exceptionally high performing elastomeric waterproofing system, it is up to 85% solar reflective and has 650% elongation.

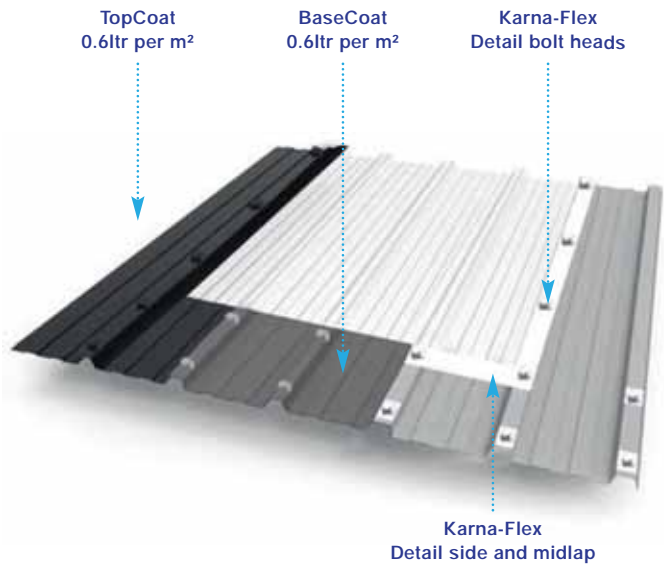
Our product is a single component self-priming SEBS elastomeric thermoplastic which is applied in 2-3 coats and comes with a 10 year product guarantee as standard (extended guarantees available).

This system is resistant to ponding, making it suitable for the entire roof structure, including drainage gutters. The product can be applied above 5°C, dries within 4 hours and is typically shower proof in 30 minutes. Suitable for applications using brush, roller or with the use of an airless sprayer, the application of Elasto-Kote is both fast and simple.

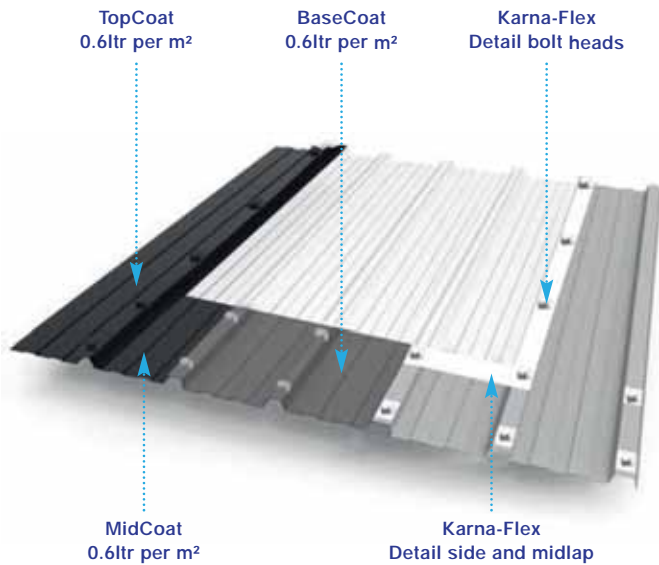
Suitable for application on to: metal, plastisol, fibre cement, asbestos, EPDM, single ply, TPO and expanding foam. Elasto-Kote can be spray applied using an airless sprayer making it ideal for rapid application to corrugated surfaces and large areas, offering 10, 15 and 20 year guarantees. A 2-3 coat application, leaving a highly reflective white or Portland grey finish and offering a full waterproofing solution extending the roof life expectancy.



**ELASTO-KOTE.**  
10 YEAR METAL BUILD-UP



**ELASTO-KOTE PRO.**  
20 YEAR METAL BUILD-UP

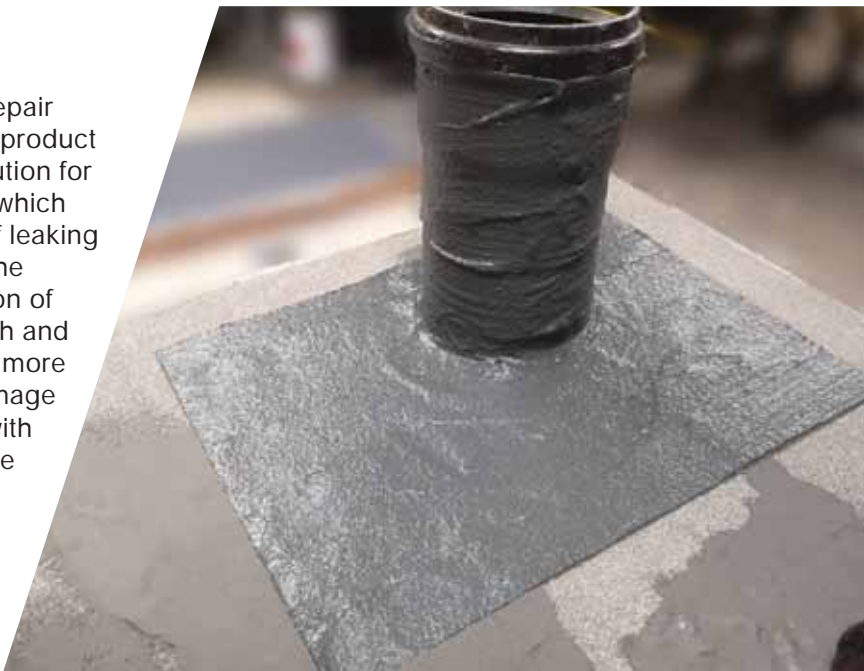






Rapid Repair is a 20-minute emergency repair system. Part of the RapidRoof range, this product is designed to provide an emergency solution for leaking roofs, gutters and other surfaces which have suffered damage or present a risk of leaking and offers all the same great features of the unique RapidRoof formula with the addition of premixed fibres, providing greater strength and bridging properties, allowing a faster and more effective application to acute areas of damage and can be applied in a single coat and with exceptional adhesion properties is suitable for application onto most surfaces.

With over 200% elasticity, full flexibility, high tensile strength and UV stability to provide a long-term repair which will not crack or become brittle over time.



Karnak 19 Ultra Instant Repair is the next generation of elastomeric flashing cement. Designed as the most time saving and cost-effective roof leak repair product on the market. It is therefore used to cover cracks in failing systems because this product can reseal a leak instantaneously and can even be applied UNDERWATER.

Scientifically compounded with a selection of rubber reinforced asphalt, mineral fibres, and refined solvents.

19 Ultra is manufactured to a heavy pliable consistency for easy application by trowel. 19 Ultra provides a durable elastomeric coating of greater strength, excellent adhesion and high resistance to water and weathering.


19 Ultra is excellent for sealing cracks in concrete and brick, as a joint filler for precast roof slabs, for repair, patch and flashing detail on mineral felt and asphalt roofs, and for general purpose use in maintenance of exposed buildings and structures.




Karnack 19 Ultra Benefits




Works Underwater




Instant




Permanent



Elastic



Cost Effective



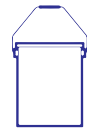
Wet/Dry Surfaces

READY ROOF


Seamless Liquid Rubber Roofing Kit

- Up to 5m<sup>2</sup> per kit
- Fully refurbish or repair
- Easy to apply in just ONE thick coat
- The permanent solution for flat roofs
- Includes everything you need to install yourself
- Simple application - instructions provides
- Bonds to felt, asphalt, timber, concrete, masonry, lead, GRP and more


Kit Contains




Ready Roof Liquid Rubber 8kg



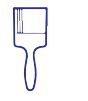
Ready Roof Primer 0.8kg




Disposable Paper Overalls




Gloves



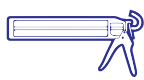
Two x 4" Brushes




Mixing Paddle




9" Roller & Refill




Mastic Gun



5m Joint Reinforcement Tape



Goggles



Mega Mastic





## Standard Roof Hatch



Frequently used when access to the roof is required by a ladder, ships ladder or service stair.

- 75mm polyisocyanurate board as standard (0.26 W/m²K)
- External curb liner fitted as standard
- Thermally broken lid and upstand
- Locking option
- Gas spring assisted opening to 85°
- Single or twin colour polyester powder coating
- Non-combustible mineral wool insulation available at no extra cost



## Smoke Vents



- Stock Sizes
- Bespoke Up to 1300 x 1300
- Offset Mechanism as Standard
- CE marked to EN12101-2
- Thermally broken
- Sizes up to 1260 x 1260 (Need bigger? See Bespoke Smoke Vent)
- Daily ventilation and access
- Curb liner as standard
- 300mm insulated upstand



## Fire Rated Roof Hatch



Used when a fire rating of up to 240 minutes (EN 1634-4) or 90 minutes (UL-EU) is required.

- Thermally broken lid and upstand
- External curb liner fitted as standard
- Fire rated up to 240 minutes. Tested to EN 1634-4.
- UL-EU certified up to 4 hours.
- Gas spring assisted opening to 85°
- Double unbroken EPDM seal
- Single or twin colour polyester powder coating
- 50mm PIR insulation (0.43 W/m²K) as standard. Mineral wool insulation (0.63 W/m²K) available at no extra cost.



## Glazed Roof Access Hatch



- Custom made to any size
- Insulation U-Value 1.5W/m²K
- Thermally broken
- Frameless design eliminating water ponding
- Custom made to any size
- insulation U-value 1.5 W/m²k
- Thermally broken extruded sections
- Rw25dB acoustic rated
- Frameless design eliminating water ponding
- Hold open stay – against accidental closure





Milled, cast and sand cast lead is available in a variety of thicknesses and widths, and has been used for centuries as a weatherproofing material in the construction industry, Heritage building, and Healthcare.

The enduringly popularity is because it is Weather-proof by creating an impervious barrier, hardwearing for a long life, easy-to-use, can be installed in all weathers, versatility and can be malleable and if can be shaped to any profile, continuity, lead has been used on roofs for centuries and never been surpassed newer products, traditional look for old buildings and Environmental credentials, being a 100% recyclable material. With the return to the use of traditional materials, it has become increasingly popular to enhance leadwork with the use of decorative motifs, hopper heads and down pipe in various designs and sizes along with a range of fixings.

When coated with Patination oil, lead, provides an aesthetically pleasing long lasting waterproofing for flashings, roof. roof complete with timber and slates coated with patination oil provide, slates

Dormer windows, skylights and solar panels

Lead is the ideal solution for flashing dormer windows and any other penetrations through traditional roofs including solar panels or roof lights.



Valley gutters

Lead is ideal for valley gutters when installed in accordance with current regulations, allowing for expansion.



Step flashings

Perfect for flashing all types of structures including conservatories, car ports and extensions.



Chimneys

Great for flashing around traditional chimney stacks on any type of profiled tile or slate roof.



Porches

Lead can be dressed to fit any shape of porch and finished off with a scalloped edge.



Patination Oil

Patination oil stops the lead from oxidizing when it comes into contact with moisture and rain water, maintaining a uniform look and natural lead patina



Flexible Lead Slates

Flexible lead slates, made from a special combination of lead and rubber can be used for weathering on flat and pitched roofs.



Timber Wood Core Roll

Timber wood core roll allows you to form lead work joints easily and create an aesthetically pleasing lead roof.



Lead Domes, Motifs, Tudor Rose, Dots

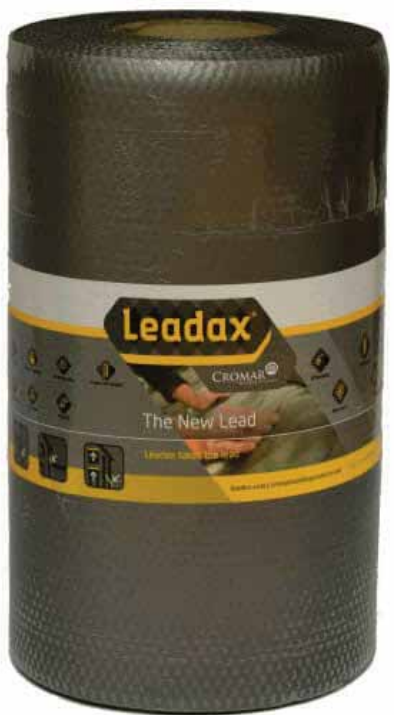
Lead domes, motifs, Tudor Rose, dots etc allow you create an artistically finished job.



Lead Replacements

A range of lightweight high performance products that are easy to install, non -toxic, cost effective and can stretch by 60% when dressed as a replacement for traditional lead for abutments at walls and chimneys in flat and pitched roof applications.

These products are available in a variety of colours with the same functionality of lead without the risk of theft.





A comprehensive range of chimney cowls and bird guards to help solve every type of chimney-related problem such as preventing rain down flue and incorporating a mesh to stop wildlife entering and allows the air to flow freely.

The benefits include, easy to install with no special tools required, compact design which allows it to be fitted side by side where space between chimney pots is restricted, made from 1.2mm aluminium and stainless steel, money back guarantee, complete with stainless steel strap fixing kit, test certificate to BSEN 16475-7:2016.

Painted versions have a corrosive resistant powder coat finish, highly effective in preventing draught and withstands flue temperatures up to 200 degrees.

Fuel suitability chart

Suitability	Coal	Wood	Gas	Oil	Smokeless
MAD cowl aluminium	Yes	Yes	Yes	Yes	Unsuitable
MAD cowl painted	Yes	Yes	Yes	Yes	Unsuitable
Painted = Terracotta, Black & Buff					

Spinner Cowls

The Spinner cowl benefits from the following: fits a range of flue sizes up to 275mm OD, withstands flue temperatures up to 200°C, sold fully assembled and ready to fit, sold complete with a stainless steel strap fixings, a test certificate to BSEN 1856-1: 2003, highly effective in preventing draught and increasing ventilation.

Height 320mm – Width 300mm, withstands wind speeds up to 65mph, suitable for use with seasoned wood, normal coal, gas.

**IMPORTANT – Spinning cowls are not suitable for use with peat, smokeless fuel, or freshly cut unseasoned wood.**

**Any guarantees are void in conjunction with these fuels.**



Chimney Bird Guards

The most comprehensive range of bird guards on the market, therefore, the nuisance caused by birds, small animals and leaves entering the chimney can be resolved by fitting a product found in this category.

Amongst the bird guards within this category you will find products to suit every fuel type and budget. We also cater for bird guards to fit larger chimney pots and square chimney pots.





We can supply one of the widest timber and timber-based product ranges in the UK and we pride ourselves on the high standards of our timber. We aim to be able to meet virtually any requirement from stock. When we can't, we'll source it specially. We also offer a full machining service and can supply everything in any size or shape of timber to satisfy customer requirements.

At Meir we supply quality, sustainably sourced and graded timber for structural and non-structural applications in softwood and hardwoods, our timber range has something for every type of project, available in a wide range of sizes and treatment options and we aim to be able to meet most requirements from stock.

Our range of sheet materials include OSB, MDF, plywood sheets, etc. timber cladding and many more panel products that are suitable for projects providing the characteristics of timber, but without the weight and cost of timber for use in roofing, flooring, cladding etc.

All timber and wood-based panel products are covered with a chain of custody certification from the PEFC™ and FSC® C014608, look out for our FSC-certified products.



**SOFTWOOD:** Carcassing, Sawn Redwood, Redwood PSE, Cladding, Softwood Clears

**HARDWOOD:** Accoya, Ash, Beech, Cedar, Cherry, Idigbo, Iroko, Meranti, Oak, Sapele

**PANEL PRODUCTS:** MDF, Tricoya, Plywood, Site Hoarding, Formwork, OSB

**DECORATIVE SURFACES:** Laminates – HPL, Compact Grade, Veneers, Solid Surface, Worktops

**JOINERY PRODUCTS:** Doors & Fire-doors, Door-sets, Door-kits, Staircases, Mouldings, Flooring

**ENGINEERED PRODUCTS:** Floor systems, Roof Trusses, Spandrel Panels, Metalweb, Gluelam, Kerto

**LANDSCAPING:** Sleepers, Fencing, Round-wood Poles

**SERVICES:** Timber Treatment, Timber Finishing, Fire Retardants, Panel Manufacture



### Engineered Joists

Structurally engineered joists reduce the problems such as shrinking, cupping, bowing, twisting, splitting, squeaks and dips



### Roof Trusses

Complete design and manufacture service to domestic and commercial property builders



### C16 | C24 Timber

Structural timber ideal for Roof battens, Floor joists and Studwork for partitioned walls. Machined Tanalised or Fire Treated.



### 18mm Structural Ply

High strength quality structural Ideal for Roofing, Wall sheathing Flooring, Shuttering, Hoarding



### 18mm OSB

Oriented Standard Board Ideal for Roofing, Wall sheathing, Flooring, Shuttering, Hoarding



### Tile Lathes

A Grade Tanalised. PEFC

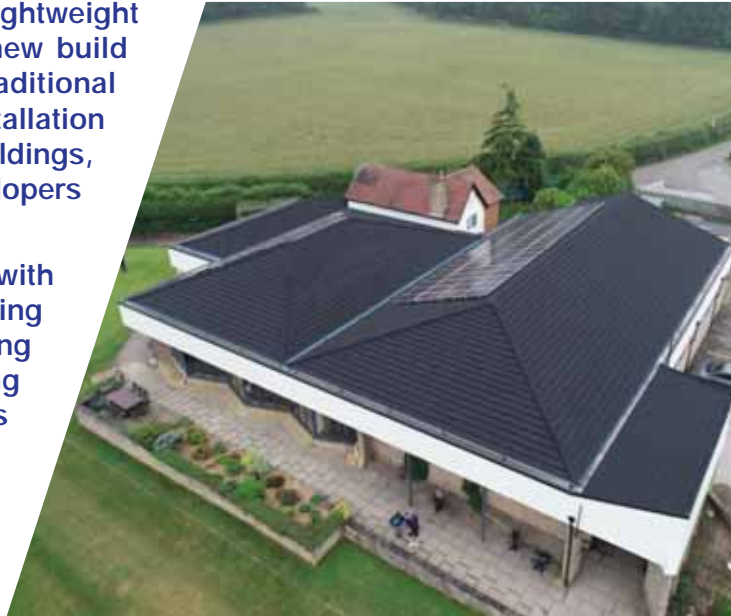
- 19 x 38mm
- 25 x 38mm
- 25 x 50mm





With 30 years experience we can supply bespoke lightweight steel structures for use in roof refurbishment or new build projects, providing many advantages over the traditional building materials such as timber, and it reduces installation time on flat to pitched conversions and modular buildings, providing peace of mind to building owners and developers to provide long term waterproof structures.

Based in Yorkshire, the manufacturer partners with architects, structural engineers, roofing and building contractors, project managers and modular building manufacturers across the UK, providing outstanding steel structures for modern construction requirements by design, advice, structural surveys, design, delivery and installation by our in-house work force offering a professional and personal touch with innovative and appropriate design for their lightweight steel, requirements.



## Benefits of Steel Structures

There are many advantages of steel frame construction and steel roof design; but to make the most of this brilliant building material, you need confidence in your supplier.

We offer a wide range of lightweight steel structures & roof design services. This ensures that your refurbishment or new build project is delivered to the highest standards possible. Therefore, allowing you to move forward with your project with the assurance that everything is in hand. We provide the following.

- Significantly improves the security of the envelope.
- Dramatically improves the aesthetic value of the building.
- Provides 2-3 times the life expectancy of a flat roof solution.
- Contains recycled steel.
- Our components are not susceptible to shrinkage, deterioration, fungus or insect attack.
- Water is removed from the roof eliminating water ingress.
- Increases the asset value of the building by adding to the market value.

To get the best results from your project, you want to keep costs low without compromising on quality. Whilst at the same time ensuring that you meet building, health, and safety regulations. Considerations also need to be made regarding structural elements of your project, accounting for imposed loads, installation, and general conditions.



## Uses for Steel Structures

- **Flat to Pitch** – flat to pitch site adjustable dead load structures in either kit or pre-manufactured form designed to transfer new roof loads via existing coverings directly to existing primary support structures.
- **Clear Span** – pre-manufactured clear span roof trusses to suit all roof shapes, profiles and sizes, available fully manufactured, in manageable sections or flat packed to suit site conditions.
- **Safe Lift** – safe lift roof truss systems designed to allow assembly of trusses and roof coverings in cassette form at site ground level prior to hoisting into wall plate position ready for finishing.
- **Vertigrid** – vertigrid cladding support systems for use on both linear and curved cladding projects with fully braced length adjustable supporting struts available from 100mm to 2500mm.
- **Lattice Beams** – lightweight steel lattice beams for flat roof applications, available fully or partially manufactured to suit site conditions.
- **Specialist products** – to meet specific requirements such as perimeter facade details for modular buildings, multiple outbuildings, portal framed structures.
- **Comprehensive steel roof design services** – including surveys and plans.
- **Track and stud wall panels** – insulated and ply sheeted in our factory prior to site delivery.
- **Line Load** – pre-manufactured line load tilt frame systems suitable for use on modular constructed buildings with regular load paths.



## Advantages of Steel Frame Construction

When used for refurbishment or building, steel structures and frames can offer many cost benefits; it's easy to transport, much quicker to install and has a much longer lifespan than alternative materials and we greatly believe in the advantages of steel frame construction and work closely with our clients to ensure that they get the support they need throughout the process of their steel roof design and installation.

Some of the main advantages of steel frame construction are:

- Bespoke steel roof designs allow any structural requirements to be catered for
- Improved security and aesthetics
- Increased durability, extending roof life expectancy up to 3 times that of a flat roof.
- Environmentally ethical – 100% recyclable
- No shrinkage, deterioration, or risk of fungal or insect attack
- Adds to value of property.
- Suitable for a variety of roof finishes
- Accommodates for improved insulation.
- Due to permanent elimination of water ingress, maintenance costs are hugely reduced.
- Steel roof designs are much quicker and easier to deliver and install due to reduced weight.





A wide range of paving pad supports, pedestals and rail systems to satisfy your requirements, for use with paving slabs, decking and suspended and temporary floors on flat roofs, balconies, terraces, walkways etc. flat, stackable, adjustable and non-combustible to improve drainage, protect surface beneath, avoid need for sand and cement, easy installation and maintenance



Flat and Stackable

Durable, recyclable, polypropylene, these stackable paving pad supports are for use on level surfaces. Easy to install and cost effective, they can be stacked to desired height and levelled with the use of shims to provide fast water drainage for use with paving slabs on patio and balcony refurbishment, protect surface beneath, avoid need for sand and cement, easy installation and maintenance and easy to install with minimum tool requirements.

Adjustable Paving Supports and Pedestals

Adjustable pedestals are available in various sizes, can be self-levelling or fixed head. The benefits of using pedestals include, reduced remedial costs, better drainage, and no efflorescence. They can be used in numerous projects for the use of paving slabs, decking or suspended floors on small patios to large scale industrial projects, are cost effective.



Available in various heights up to 600mm with fixed or floating heads, non-combustible on balconies, terraces, walkways, urban areas, temporary floors, concealing services to provide light weight free draining system that is easy to install and carry out maintenance.



Non Combustible Supports

A range of non-combustible pedestals for high rise balconies, terraces, flat roofs and podiums to satisfy current fire regulations, available in both fixed head and fully adjustable in a wide range of heights but can also be mechanically fixed, with locking rings to ensure stability. Perfect for terraces, podiums, roof decks etc complete with holes in base for fixing to substrate if required.



Decking Pedestals

A range of decking pedestals, specially designed for use with decking joists and beams, that allows the decking joists to be raised and levelled as required, that are durable but, resistant to external weather conditions, easy to install for both trade and DIY users. The decking support allows users to accurately adjust the decking height and slope at minimal cost and labour time. All decking pedestals have technical openings which allow rainwater flow and are suitable for use with timber, aluminium and composite joists.

Tested up to 1000kg per pedestal and sizes 15-245mm







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#### Warranties & Guarantees:

A range of guarantees and warranties, including manufacturers product warranties to insurance backed to suit individual contract requirements, including both labour and materials for periods up to 25 years to provide building owners, architects, contractors, and clients with options to suit all modern construction requirements.

All contracts are audited throughout the installation process by a team of skilled, knowledgeable, and professional people with the ability and experience to understand the demanding role of the independent roofing and cladding contractor. These audits and inspections provide reassurance that the workmanship is of a high standard, the specified products are installed, with the assurance for periods up to 25 years warranty cover upon successful completion.

In addition, we have a network of trained and approved contractors who are skilled and experienced in the application of the various waterproofing systems to give our clients complete peace of mind on roofing contracts.



**WE'VE GOT YOU COVERED**