

# AN INTRODUCTION

TAKE A CLOSER **LOOK**



# THE COMPLETE ROOF

*“At Redland it is our aim to deliver high-quality roofs that are easy to specify, buy, install and own.”*



Redland is a brand of the worldwide Braas Monier Building Group (BMBG).

With operations in 36 countries and over 100 production sites, BMBG is the leading worldwide supplier of pitched roofing materials. Our goal is to deliver high-quality roofing solutions that perfectly meet our customers' expectations.

Redland draws on the expertise and experience gathered from nearly 100 years as an industry leader. Our range of tiles, slates, renewable energy systems, fittings and accessories, combined with market-leading technical support services, enable us to deliver total pitched roofing solutions you can rely on.



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For further information on Redland:  
 Visit [www.redland.co.uk](http://www.redland.co.uk) or telephone our  
 Customer Service Hotline on 03705 601000

# REDLAND. ROOFING FOR OUR TIMES

By building with what came readily to hand, our ancestors gave us the local vernaculars and styles we treasure today.

Different stone, slate and clays all added to the diversity we still see from one region to the next, while successive waves of settlers from the Romans to the Dutch left their own signature styles on roofscapes across the land.

At Redland, we're committed to providing high-quality roofing systems. Our products not only reflect and reinforce those regional variations in architectural tradition, but do so in a way that preserves the communities they help define.

The variations in today's roof types all find their roots in British history. In 1477, an Act of Parliament was created to officially lay down the dimensions of the handmade plain tile, influencing what we still see on people's roofs in the present. And, as a direct result of the 1666 Great Fire of London, thatched roofs were banned in the city, leading to the widespread use of clay tiles in the region.

Likewise, for centuries, the signature roofing material of Wales, the south-west, north-west and Scotland was slate. But with the arrival of the railways in the nineteenth century, slate spread across the rest of the country to satisfy the demand from Britain's newly industrialised cities.

For post-war architects and engineers in the twentieth century, concrete offered the flexibility, strength and economy needed when rebuilding and expansion in Britain began in earnest.

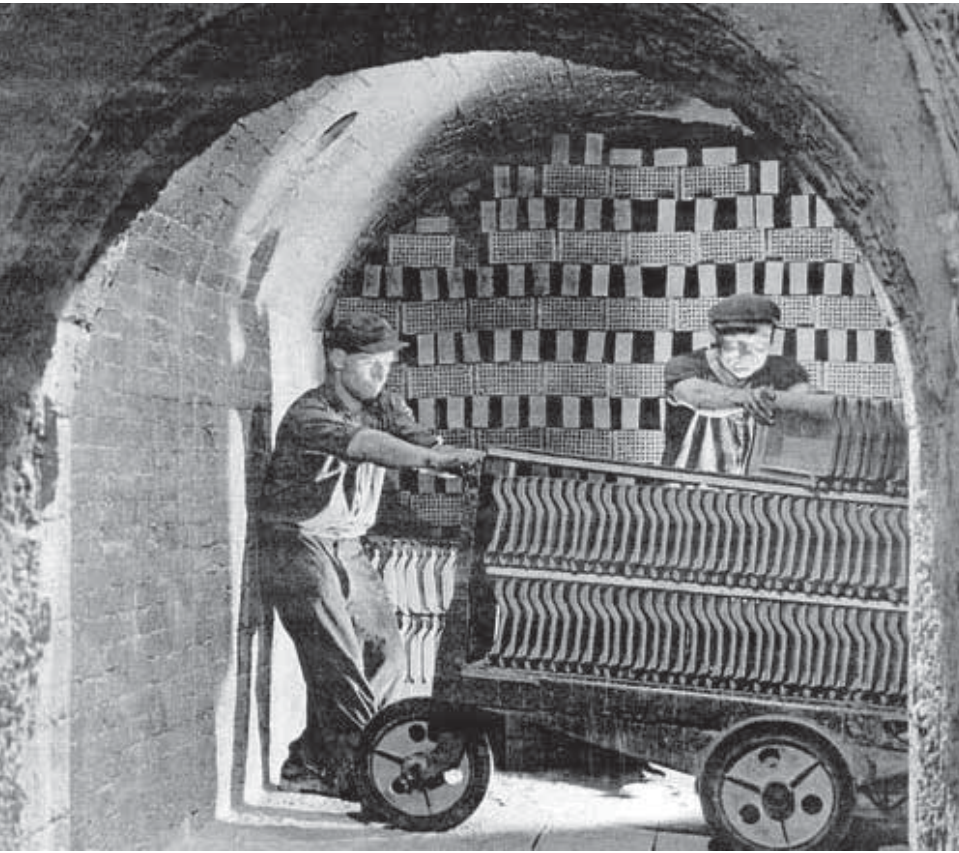
Our present collection ranges from traditional clay tiles right up to contemporary concrete interlocking designs for today's urban landscape.



We owe the astonishing variety of roofing above our heads to the diverse geology beneath our feet.



# REDLAND. ROOFING SPECIALISTS FOR NEARLY 100 YEARS



Kingsfield tileworks at Redhill, Surrey

*Introducing*

## REDLAND 49

**THE NEWEST OF ALL INTERLOCKING TILES**

Redland 49—the improved interlocking Tile now introduced by Redland Tiles, Ltd., has a deeply grooved and highly finished or fluted face. It is a heavy weight tile of proven strength with a wide range of green strength, smooth surfaces and improved surface as a highly compressive glass. It is the ideal or BEST AVAILABLE material for use in all climates and for all uses.

**SERVICE**

Redland 49 is available in all sizes of tiles and in all colors. It is a heavy weight tile of proven strength with a wide range of green strength, smooth surfaces and improved surface as a highly compressive glass. It is the ideal or BEST AVAILABLE material for use in all climates and for all uses.

**BUILDING EXHIBITION, GLENFISH 1941.**  
You will be very welcome at the exhibition House at Stand 52, Row E, where our staff will tell you all about the new tile—Redland 49.

**Redland Tiles**  
REDLAND TILES, LTD.  
Redland Works, Redhill, Surrey



As the oldest concrete roof tile manufacturer in the UK, Redland is a name that can be trusted. For almost a century, we've dedicated ourselves to meeting the needs of Britain's builders.

Since our foundation in 1919, Redland has shaped the country's roofscapes.

In 1926, Redland played an integral part in the construction of post-war Britain, supplying concrete roof tiles, desperately needed in the absence of coal-fired clay tiles that were unavailable due to the general strike. A generation later, Redland was instrumental in reroofing post-Blitz London, with our mass-produced Redland 49, the first single-lap concrete tile, covering a million damaged roofs and establishing itself as a staple of the London landscape.

In our portfolio sits another historic product – the widely known Rosemary Clay Classic – a tile with a history longer than any other in the UK. Having first been produced in 1838, the tile maker, George Lewis, was so delighted with the quality of the product he was making, he decided to name it after his daughter, Rosemary.

Today, Rosemary is produced at our clay plant in the Midlands. And in any merchant you are still likely to hear roofers asking for 'a Rosemary' when they want a clay plain tile. Taking the best of this legacy, and moving it forwards, new Rosemary colours have been introduced over the past decade and a new handcrafted Rosemary Clay Craftsman range has been added.



We are proud of our heritage and have a record of taking the best of our history and tradition and blending it with innovation to create truly exceptional roofing systems.

Although we have nearly 100 years' experience behind us, the Redland name doesn't just stand for traditional roof design.





# DEVELOPING THE IDEAS THAT DRIVE INNOVATION

We have a reputation for innovation that has seen us consistently champion new products and practices over the years. Many of these have become standard solutions for the roofing industry.

For example, we have responded to demand for renewable energy with a complete range of PV products, that are one of the few designed specifically for the UK's weather conditions and building standards.

So rather than import European systems, whose specifications and tolerances to wind uplift and rain are designed for a more benign environment, we are providing specifiers and householders with a bespoke product to fit the climate they live in.

The continuous drive to make our roof systems more efficient, more reliable and easier to install, gave rise to the development of the Redland DryVent Ridge, a completely new system which addressed the issues inherent in traditional mortar bedding. Today the Redland components range includes a comprehensive collection of dry fix accessories that add visual appeal and enhance roof performance.

In 1985 we created the Cambrian Slate, a revolutionary new tile manufactured using waste from Welsh slate quarries. This introduction was heralded as a major step forward for recycling slate and a new fixing method for roofing which led to a coveted Queen's Award for Technological Achievement in 1991.

These, and other Redland product developments, represent real solutions to industry needs, and where Redland has led, others have followed.



CAMBRIAN SLATE: WINNER OF THE QUEEN'S AWARD FOR TECHNOLOGICAL ACHIEVEMENT



REDLAND SEVERE LOAD TESTING FACILITY



INNOFIX CLIP: A NEW WAY OF TILE FIXING FOR THE INDUSTRY

# MEETING STANDARDS NOW AND IN THE FUTURE

Our roofing systems are designed to comply with British Standards and Building Regulations, and where necessary are certified by the British Board of Agrément, thus guaranteeing their performance and integrity.

We're committed to ensure our customers stay one step ahead of changes to the new BS 5534 Code of Practice and offer a range of solutions to make sure roofs meet the standard:

- **Practical advice and guidance to navigate increasingly complex regulations and maintain a competitive edge**
- **Updating and providing products that meet the new standard**
- **Providing training courses as an elected NFRC-funded training course provider**

In addition, we are able to offer 10 and 15-year guarantees, depending on the project, covering the weathertightness of our products and the junctions between them. So if any roofing element fails in the guarantee periods, we will pay for the labour and materials to replace it.





All Redland products are tested and proven under the most extreme conditions for use in one of the most varied climates in Europe.



As part of the worldwide Braas Monier Building Group our aim is to build a better business: not just for today but for future generations.

# SETTING THE STANDARD FOR SUSTAINABLE MANUFACTURING

We believe that sustainability is about more than the products we make. It's about the way we make them and our impact on the landscape and communities in which we operate. We set ourselves challenging targets and monitor our performance with a range of evaluation tools. This commitment to a sustainable future lies at the very heart of our UK business and influences every aspect of our working practice.

## ELIMINATING WASTE

Sending waste to landfill was once an expected and standard part of manufacturing. We have always believed it to be unacceptable. An intense focus on waste reduction combined with the development of recycling programmes ensures that we continually minimise our waste to landfill.

Our Cambrian Slate is an embodiment of this principle being itself made of recycled slate scrap from slate mines close to our factory. The product received a Queen's Award for Technological Achievement and it remains a shining example of the potential of positive environmental impact manufacturers can create.



## REDUCING OUR CARBON FOOTPRINT

Our manufacturing processes use energy. To mitigate the impact of this energy use, we have a stated target to reduce our energy consumption by 3% every year.

In order to completely understand the embodied carbon of our products we worked with industry experts Ove Arup to measure our carbon footprint and develop strategies to reduce it.

We constantly monitor our energy consumption in order to assess the impact of the measures taken to reduce it.

We invest in our manufacturing equipment to ensure it is the most energy-efficient available; we optimise our clay blends to reduce CO<sub>2</sub> emissions; we use gas instead of fossil oils to fire our kilns and our well-insulated curing chambers capture and reuse the heat given off by concrete products.

Transport is a high-level contributor to CO<sub>2</sub> emissions and the outsourcing of our transportation to a specialist provider ensures maximum usage of vehicles. Logistics planning ensures that wasteful empty vehicle journeys are eliminated and our policy of incentivising our customers to order larger stocks contributes to a reduction in the number of vehicle journeys made.

## CLEAN ENERGY GENERATION

We are committed to producing as much of our own energy from clean sources as we can. Redland's plant at Rassau was one of the first manufacturing sites in the UK to install a wind turbine to meet its energy needs.

Having proved the effectiveness of the turbine at Rassau, further wind, solar and biomass energy installations are planned at other Redland sites.

# THE RESPONSIBLE ROOFING PROVIDER

## RESPONSIBLE SOURCING

We believe that we have a responsibility not only for the products we manufacture, but also for the products we use. We always use local materials where possible and all of our raw materials are from sustainable sources and ethically-run organisations. This scrutiny ensures that we exceed the very good rating of BES 6001: BRE Environmental & Sustainability Standard.

Our site stewardship policy includes a requirement for regular environmental impact audits of our extraction sites, and exclusion zones are created if vulnerable wildlife habitats are revealed.

Every site is planned with a view to restoring the land to its original condition when it is no longer in operation. Structured landscaping design minimises the visual impact of our extraction work and environmental impact audits ensure the support of local flora and fauna.

## PROTECTING PRECIOUS WATER

The concrete production process requires a significant quantity of water. In order to reduce our consumption we recycle as much as possible during production and have easily met our initial water consumption reduction targets.

While we are reducing the volume of our water consumption we have set ourselves the additional objective to reduce our reliance on potable water by 4% year on year. We use a borehole to source water at our Shawell plant while prototype facilities to collect and recycle rainwater and waste water are being trialled at other sites with a view to rolling out successful solutions to all of our plants.

## BEING A GOOD NEIGHBOUR

Our plants do not exist in isolation, we are always part of the community in which we operate and recognise our duty to minimise the impact of what we do while building co-operative and supportive links with local people.

Vehicle movements are monitored and controlled to reduce noise; regular litter picking and yard sweeping ensures no litter or dust is carried beyond our boundaries in the wind.

We contain any pollution onsite. Catch pits and waste water collection facilities ensure that no waste oil or other contaminants can filter into groundwater and all of our plants are built to ensure the subsoil remains clean for reuse in generations to come.

We welcome interest from our neighbours and encourage visits from schools and fact-finding tours from local communities. Consultation always informs any plans for expansion or change in manufacturing procedures that could impact on our neighbours.

## CONTRIBUTING TO SUSTAINABLE BUILDING PROJECTS

Our products are designed to help our customers achieve their own objectives of sustainable building. We therefore supply data to various industry organisations to enable our products to be ranked according to independent criteria. This has helped the current BRE Green Guide to Specification award an A+ rating (lowest environmental impact) for standard roof constructions covered with our concrete interlocking tiles, concrete plain tiles and clay plain tiles. Our Redland Cambrian Slates are the most eco-friendly resin slates available, with the 2008 Green Guide to Specification awarding generic resin slates an A rating when part of standard constructions.



We always use local materials where possible and all of our raw materials are from sustainable sources and ethically-run organisations.

# THE REDLAND COMMUNITY: MORE THAN JUST A BUSINESS



Our philosophy is easily summarised: supporting the roofing industry today: creating the industry for tomorrow.



We see it as our responsibility to recognise and encourage potential, to provide support when needed, to consult as well as communicate and to value every one of our people for the unique contribution they can bring.

This has been our principle since Redland was formed nearly 100 years ago. We are proud of our high level of staff retention and delighted to be regularly celebrating ten, twenty and thirty-year work anniversaries.

Loyalty of this kind cannot be bought – it comes from a sustained commitment to creating a safe and supportive working environment.

## STARTING WITH SAFETY

It goes without saying that our first priority is to ensure our staff are kept safe at all times.

Every year we invest in new programmes to identify and eliminate any behaviour that could introduce risk and we also provide a compliance helpline – a widely promoted route for any individual to report, in confidence, any breaches in compliance to company standards: which are themselves always considerably more rigorous than required by legislation.

## CAREER-LONG SUPPORT

When an individual joins Redland they make a commitment to the organisation and are entitled to expect support and encouragement throughout their career.

This starts as soon as a new staff member joins the organisation. A full induction programme ensures that everyone, whether a senior manager or an entry-level administrator, participates in the same product training course. As a result, everyone in the organisation understands at least the basics of roof installation.

As a conscientious employer Redland acknowledges a responsibility that extends beyond the working environment. Our Cycle to Work scheme is one of our formal health promotion initiatives while our 24/7 support service is made available to provide advice and referrals for any staff member looking for support with any issue – whether or not it is work related.

## CHALLENGING COMMUNICATION

Our philosophy is that all members of staff have the same level of communication.

Every year the senior management team participate in a road show. They visit every one of our plants to present, in person, the ambitions and the operational plans for the forthcoming year.

Feedback is welcomed and our Employee Consultation Forums provide a platform for elected staff representatives to meet regularly with the executive team and discuss any issues relating to the organisation and its working practices. Regular team briefings ensure all staff are kept up to date with company issues and provide a direct line of communication from every employee to senior management.

## BEYOND REDLAND

We believe that our position as the most widely recognised brand in our sector carries with it a responsibility for the future success of our industry.

Our Redland Training & Resource Centre provides comprehensive and in-depth training in roofing skills to contractors, merchants and specifiers.

For the next generation of skilled roofers we actively support some 20 colleges around the country, donating products, lending our expertise and making our training centre available for those who do not have equivalent facilities on their site.

Our organisation has an ongoing commitment to apprenticeships at each of our production plants and the expertise of our training centre staff is also available to colleges looking to establish or improve their own roofing courses.



# TRAINING: INVESTING IN OUR FUTURE

## TRAINING AND CPD

Underpinning our roofing expertise is our purpose-built national Redland Training & Resource Centre at South Cerney in Gloucestershire where Redland customers, suppliers and specifiers regularly undertake in-depth training.

Since it was established, over 30 years ago, more than 40,000 people have been trained at the Centre.

We believe it's important that everyone involved in the supply, installation and specification of roofs is educated on the most up-to-date regulations, techniques and products and we're recognised in the industry for our commitment to delivering quality training.

Teaching at the Centre is carried out on the model roofs in our workshops and in our classrooms and courses range from providing a basic understanding of pitched roofing, to instructing on estimating or exploring the causes of roof defects in order to recognise poor workmanship and product defects. Many of our courses contain a high level of practical teaching.

As a member of the RIBA CPD Providers Network, we also deliver a number of RIBA-accredited CPD seminars at customers' own premises and we offer bespoke courses for companies who have a particular subject they would like assistance with.



Visit [www.redland.co.uk/training](http://www.redland.co.uk/training)  
for further information on our training courses



Since it was established, over 30 years ago, more than 40,000 people have been trained at the Centre.





We are the only roof tile manufacturer to have our own purpose-built wind tunnel to test performance of all our systems against the most severe storm conditions.

# TECHNICAL EXPERTISE

When you deal with Redland you are dealing with people whose capability is unmatched in the industry. We pride ourselves on our continuous research and development.

All of our products are regularly validated under all climatic conditions in our state-of-the-art testing facilities. We are the only roof tile manufacturer to have our own purpose-built wind tunnel to test performance of all our systems against the most severe storm conditions.

## REDLAND TECHNICAL SOLUTIONS SERVICE

Redland's industry-leading technical expertise is available to our customers through our dedicated Technical Solutions team.

## REDLAND TECHNICAL SOLUTIONS HOTLINE

Staffed by industry experts with both the technical and real world knowledge of designing with Redland systems, our Technical Solutions team's service will help you bring your project to fruition with industry-leading knowledge every step of the way.

SpecMaster is a free guaranteed roof specification service that provides NBS-based specification clauses. Easily integrated into your own working document, a SpecMaster specification will save you time, and comes with the added reassurance of a comprehensive 15-year design liability guarantee.



As well as an unrivalled range of roof tiles and systems, Redland has developed a comprehensive range of free technical services to save you time and provide complete peace of mind in your roofing project.



### SpecMaster

Complete guaranteed roof specification service with NBS-based clauses



### QuantMaster

Redland's bespoke roof materials quantity estimating service



### DesignMaster

Comprehensive CAD library of over 4,000 quality roofing drawings



### ViewMaster

The online visualisation software that enables you to 'try before you buy'



### FixMaster

Fixing specification service tailored to each customer's needs



### EcoMaster

Guaranteed specification service for projects using renewable energy systems

Visit [www.redland.co.uk/services](http://www.redland.co.uk/services) for further information on these services

From roof tiles and underlays to eaves ventilation and dry ridge systems, our innovative roof products and systems are changing Britain's skyline.



# RANGE OVERVIEW



## SLATE RANGE

The slate range delivers the simple beauty of a slated roof, with precision manufacturing that ensures a durable and weathertight construction.



## PLAIN TILE RANGE

The name 'plain' belies the incredible scope and variety of this uniquely versatile roofing material.



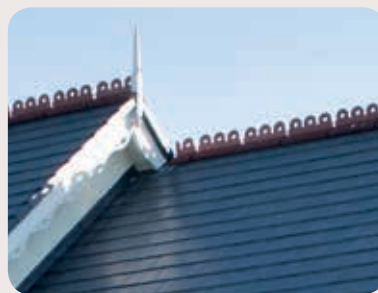
## PROFILE TILE RANGE

Based on 16th century pantiles from Holland and earlier Roman roofing designs, the interlocking profile tile offers speed and ease of installation on-site while bringing warmth and character to every building style and environment.



## SYSTEMS AND ACCESSORIES

From insulation and underlays to ventilation systems and dry fix products, we have a comprehensive range of roof products and systems. All designed, tested and manufactured to give value, visual appeal and a long-lasting weathertight performance.



## ORNAMENTAL TILES, RIDGES AND FINIALS

Redland Ornamental Ridges and Finials, designed to replicate the most popular ornamental features on buildings, are fully compatible with all our ridge fixing systems. We are the only company to offer Ornamental Plain Tiles with a guaranteed performance in all weathers down to 40° pitch.



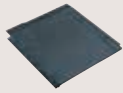
## PHOTOVOLTAIC ROOFING SYSTEMS

The Redland range of photovoltaic roofing systems is designed, engineered and tested for the UK environment rather than European countries, where the environment tends to be more benign.

# PRODUCT SELECTOR – TILES

## SLATE RANGE

### CAMBRIAN SLATE



Redland Cambrian Slate captures all the beauty and character of natural slate. Made from over 60% recycled Welsh slate, it leads the Redland range in both looks and performance.

**Min. Pitch** 15°

**Min. Weight** 17kg/m<sup>2</sup>  
**Min. Cover** 13.3 slates/m<sup>2</sup>

### LANDMARK 10 SLATE



With their clean lines and natural, long-lasting colour, Landmark 10 Slates capture all the appeal of one of Britain's dominant roofing materials.

**Min. Pitch** 17.5°

**Min. Weight** 46kg/m<sup>2</sup>  
**Min. Cover** 9.7 slates/m<sup>2</sup>

### SAXON 10 SLATE



Riven surfaces, chamfered side edges and a thin front edge combine in our Saxon 10 concrete slate to mimic features found on natural quarried products.

**Min. Pitch** 17.5°

**Min. Weight** 45kg/m<sup>2</sup>  
**Min. Cover** 9.7 slates/m<sup>2</sup>

### RICHMOND 10 SLATE



Richmond 10 Slate is the ideal choice for cost-effective roofing with an authentic slate appearance.

**Min. Pitch** 17.5°

**Min. Weight** 45kg/m<sup>2</sup>  
**Min. Cover** 9.7 slates/m<sup>2</sup>

### MOCKBOND RICHMOND 10

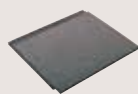


Lower minimum pitches and small slate appearance make this one of the most versatile roofing tiles you can specify.

**Min. Pitch** 17.5°

**Min. Weight** 45kg/m<sup>2</sup>  
**Min. Cover** 9.7 slates/m<sup>2</sup>

### STONEWOLD II



With its imperial size and proven track record, Stonewold II is quick to install and is particularly suited to larger roofs.

**Min. Pitch** 17.5°

**Min. Weight** 49kg/m<sup>2</sup>  
**Min. Cover** 8.2 slates/m<sup>2</sup>

### MINI STONEWOLD



A flat concrete slate that can be laid at pitches as low as 17.5° in both new build and reroofing projects.

**Min. Pitch** 17.5°

**Min. Weight** 50kg/m<sup>2</sup>  
**Min. Cover** 9.9 slates/m<sup>2</sup>

### MOCKBOND MINI STONEWOLD

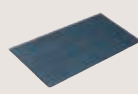


A full-size slate which suggests the appearance of a small-format slate when laid. It is available in five through-coloured options to suit any and every roofing environment.

**Min. Pitch** 17.5°

**Min. Weight** 50kg/m<sup>2</sup>  
**Min. Cover** 9.9 slates/m<sup>2</sup>

### DEL CARMEN® ULTRA



Natural slate is known for its durability and high performance in extreme weather conditions, and for its appealing, natural good looks that continue to improve with age.

**Min. Pitch** 25°

**Min. Weight** 39kg/m<sup>2</sup>  
**Min. Cover** 20.5 slates/m<sup>2</sup>

## PLAIN TILE RANGE

### ROSEMARY CLAY CRAFTSMAN



A unique manufacturing process on a bespoke production line enables tiles to be produced with a heritage look while maintaining all the attributes and strengths of a brand new tile.

**Min. Pitch** 35°

**Min. Weight** 78kg/m<sup>2</sup>  
**Min. Cover** 60 tiles/m<sup>2</sup>

### ROSEMARY CLAY CLASSIC



Produced from the finest clays, Rosemary is offered in a range of weathered, brindled and single colours.

**Min. Pitch** 35°

**Min. Weight** 78kg/m<sup>2</sup>  
**Min. Cover** 60 tiles/m<sup>2</sup>

### HEATHLAND



Heathland combines natural weathered character with the performance of a machine made tile in an attractive and cost-effective roofing product.

**Min. Pitch** 35°

**Min. Weight** 75kg/m<sup>2</sup>  
**Min. Cover** 60 tiles/m<sup>2</sup>

### PLAIN TILE

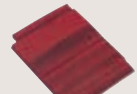


Available in a range of fourteen natural shades, granular, through-coloured and acrylic coated, to match any roofing environment.

**Min. Pitch** 35°

**Min. Weight** 75kg/m<sup>2</sup>  
**Min. Cover** 60 tiles/m<sup>2</sup>

### DUOPLAIN



Engineered for strength, ease of handling and ease of installation, it fulfils the three main demands of a modern roofing tile. Available in seven popular colours.

**Min. Pitch** 25°

**Min. Weight** 55kg/m<sup>2</sup>  
**Min. Cover** 17.7 tiles/m<sup>2</sup>

### FONTENELLE CLAY TILE



A clay tile that offers a plain tile appearance, but with the benefits of reduced labour and material costs.

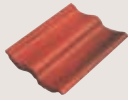
**Min. Pitch** 20°\*

**Min. Weight** 52kg/m<sup>2</sup>  
**Min. Cover** 19.6 tiles/m<sup>2</sup>  
\*15° in certain circumstances



## PROFILE TILE RANGE

### LANDMARK DOUBLE PANTILE



The special long-lasting Landmark surface finish means these tiles will retain their look for years, whilst the subtle but rich variations of colour, blend in to create a traditional clay effect.

**Min. Pitch** 15° **Min. Weight** 47kg/m<sup>2</sup>  
**Min. Cover** 9.7 tiles/m<sup>2</sup>

### LANDMARK DOUBLE ROMAN



Available in two authentic clay colours, these tiles are ideal for creating the look of a traditional clay Roman roof with the benefits of Redland's special long-lasting Landmark surface finish.

**Min. Pitch** 17.5° **Min. Weight** 42kg/m<sup>2</sup>  
**Min. Cover** 9.7 tiles/m<sup>2</sup>

### GROVEBURY



Quicker and easier to lay than single pantiles, Grovebury offers a wide range of granular and through-coloured options, from classic Slate Grey to Antique Red.

**Min. Pitch** 15° **Min. Weight** 46kg/m<sup>2</sup>  
**Min. Cover** 9.7 tiles/m<sup>2</sup>

### 50 DOUBLE ROMAN



Featuring gentle rolls and subtle pans, 50 Double Roman is available in a wide range of colours to blend harmoniously with any environment. Available in ten through-coloured and granular shades.

**Min. Pitch** 17.5° **Min. Weight** 41kg/m<sup>2</sup>  
**Min. Cover** 9.7 tiles/m<sup>2</sup>

### REGENT



Characterised by their high, bold roll profile and manufactured with a choice of through-coloured or granular finishes in nine different colours, the Regent tile offers flexibility and compatibility to suit all roof types.

**Min. Pitch** 12.5° **Min. Weight** 45kg/m<sup>2</sup>  
**Min. Cover** 9.7 tiles/m<sup>2</sup>

### RENOWN



Designed to blend unobtrusively into any environment, Renown is easy and quick to cut and fix, making it ideal for shorter lead time new build or refurbishments.

**Min. Pitch** 17.5° **Min. Weight** 41kg/m<sup>2</sup>  
**Min. Cover** 9.7 tiles/m<sup>2</sup>

### FENLAND PANTILE



A natural successor to the distinctive single clay pantiles that characterise so much of the south-east and East Anglia, Fenland Pantile is a cost-effective and convenient alternative to traditional clay.

**Min. Pitch** 17.5° **Min. Weight** 45kg/m<sup>2</sup>  
**Min. Cover** 16.3 tiles/m<sup>2</sup>

### REDLAND 49



The Redland 49 tile is easy to handle and install so offers both speed and economy as a roofing material. Available in a range of attractive colours.

**Min. Pitch** 17.5° **Min. Weight** 46kg/m<sup>2</sup>  
**Min. Cover** 16.3 tiles/m<sup>2</sup>

### CATHEDRAL CLAY PANTILE



Precision-manufactured using the latest in clay technology, Cathedral Clay Pantiles produce a striking, durable roof that will mellow into its environment with age.

**Min. Pitch** 22.5° **Min. Weight** 39kg/m<sup>2</sup>  
**Min. Cover** 12.5 tiles/m<sup>2</sup>

### OLD HOLLOW CLAY PANTILE



With its distinctive pattern of rolls and troughs, it replicates perfectly the traditional old English pantile shape, producing roofscapes of outstanding charm and character.

**Min. Pitch** 30° **Min. Weight** 36kg/m<sup>2</sup>  
**Min. Cover** 16.2 tiles/m<sup>2</sup>

### POSTEL CLAY TILE



A tile particularly popular in the south-east for domestic reroofing, it replicates the 'Courtrai' tile with guaranteed weathertightness down to 20°.

**Min. Pitch** 20° **Min. Weight** 41kg/m<sup>2</sup>  
**Min. Cover** 20.4 tiles/m<sup>2</sup>

Please see the technical data in the relevant guides for more detailed information on pitches, weights and cover. The slate and tile images are for illustration purposes only and are not to scale.

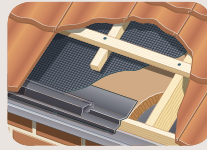
# PRODUCT SELECTOR – SYSTEMS AND ACCESSORIES

## UNDERLAY AND INSULATION

High quality, durable, vapour permeable underlay and loft boards that turn roof spaces into insulated, practical storage areas.



Spiritech 400 2S Underlay



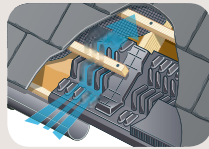
Underlay Support Tray



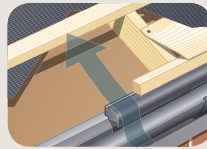
Rapid Loft Board Insulation

## EAVES SYSTEMS

Eaves ventilation systems provide unobtrusive continuous ventilation along the eaves to meet the requirements of BS 5250.



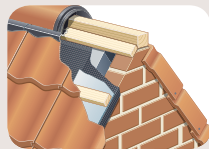
RedVent EavesVent / Rapid Eaves Vent



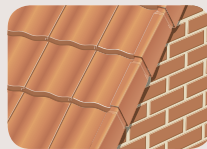
RedVent 25 Over-Fascia Vent

## VERGE SYSTEMS

Dry verge systems provide neat, maintenance-free verges offering high resistance to storm damage and with no mortar required.



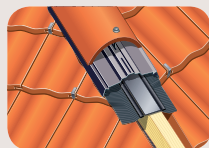
Cloaked Verge System



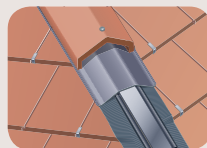
Ambi-Dry/Rapid Verge System

## HIP SYSTEMS

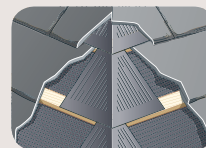
Dry hip systems provide neat, maintenance-free hips offering high resistance to storm damage and with no mortar required.



Dry Hip System



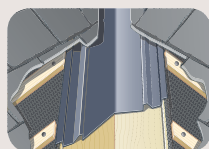
Uni-Vent Rapid Ridge/Hip & Rapid Hip Systems



Cambrian Mitred Hip System

## VALLEY SYSTEMS

Cost-effective, lightweight, durable GRP systems with a dry valley that offers the benefit of providing a neat, mortar-free, mitred finish.



125 & Cambrian GRP Valleys



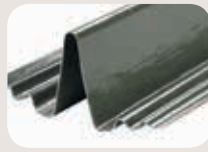
Dry Valley

## ABUTMENT SYSTEMS

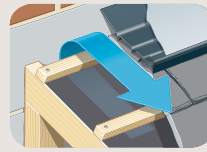
GRP bonding and secret gutters offering cost-effective solutions, an abutment vent that provides continuous ventilation, and lead replacement product that offers a viable, safe alternative.



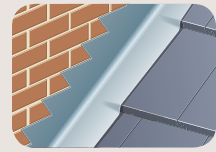
GRP Secret Gutter



Bonding Gutter



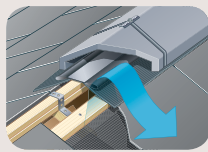
Top Edge Abutment Ventilation System



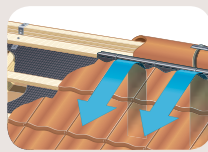
Wakaflex Rapid Flashing

## RIDGE SYSTEMS

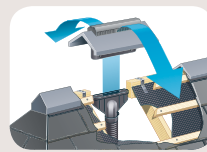
Dry ridge systems provide neat, maintenance-free ridges offering high resistance to storm damage, with no mortar required, and vent terminals for soil, mechanical extract and gas flues.



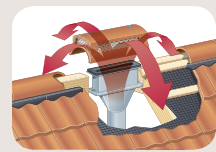
Uni-Vent Rapid Ridge/Hip & Rapid Vented Ridge Systems



DryVent Ridge/Monoridge System



Ridge Vent Terminal



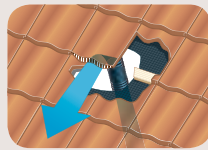
Gas Flue Terminal

## VENTILATION TILES

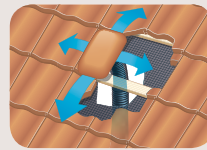
A range of ventilation tiles for use where alternative eaves and ridge vent systems are not appropriate and for use as soil and mechanical extract terminals.



Rapid Roof Vent Tile



RedLine Vent Tile



ThruVent Tile

## ORNAMENTAL TILES, RIDGES AND FINIALS

Decorative tiles and ridges designed to replicate the most popular ornamental features found around the country.

Three Hole Crested Ridge



Fleur-de-Lys Ridge



Cockscomb Ridge



Club Tile (concrete & clay)



Scroll Finial



Short Ball Top Finial



Tall Ball Top Finial



Fleur-de-Lys Finial



## PHOTOVOLTAIC ROOFING SYSTEMS

Solar tiles and modules designed to harness the sun's rays to provide environmentally-friendly electricity without compromising the integrity of the roof covering.



Solar PV Tiles



InDaX 250

[www.redland.co.uk](http://www.redland.co.uk)



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