

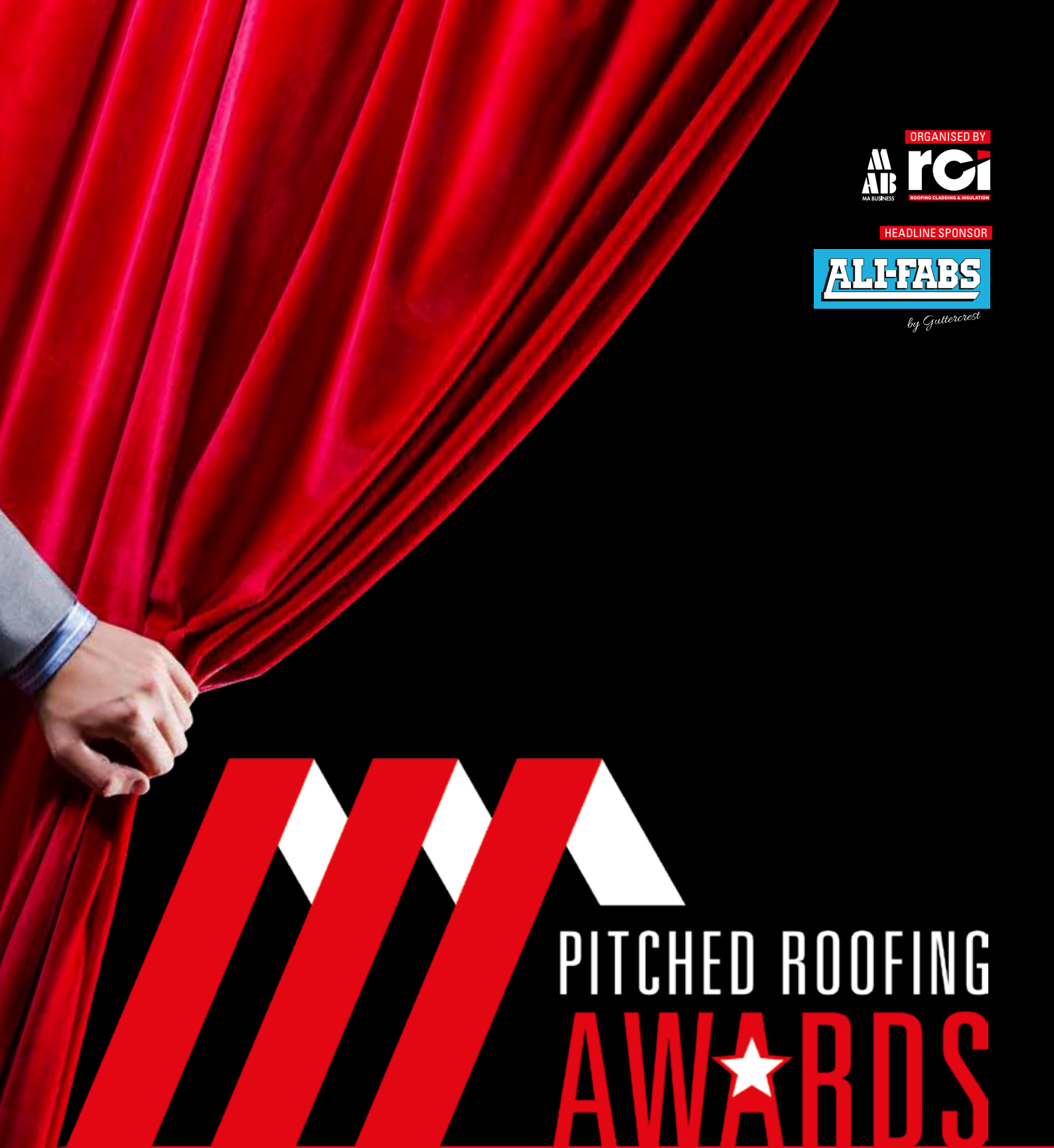
ORGANISED BY



HEADLINE SPONSOR



by Guttercrest



# PITCHED ROOFING AWARDS

THE MIDLAND HOTEL • MANCHESTER • 5 DECEMBER 2019

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

MAIN SPONSORS



easy-trim  
roofing & Construction Products



Ultraframe  
Transforming light and space

DRINKS SPONSOR



MENU SPONSOR



HOST SPONSOR



GALLERY SPONSOR



TABLE GIFT SPONSOR





The UK's leading distributor of  
**enviro**  **LEAD** Rolled Lead  
 and ancillary products..

**WARMDEX**<sup>®</sup>  
 Warm Roof Decking Board

...and the largest  
**Hard Metal**  
 and ancillary supplier to the  
**UK Building Industry**

ALM and ALM HM are the UK's Leading distributor of rolled lead and hard metals, along with an extensive range of ancillary products to suit all applications.

**ALM offer the complete metal roofing, cladding and insulation package.**

**We are proud sponsors of the Murdoch Awards and Murdoch Sponsored Awards.**



**info@associatedlead.co.uk**  
**www.associatedlead.co.uk**

**ONE CALL, ONE CONTACT**  
**01992 444100**



## CONTENTS

- 5** Sponsors
- 7** Judges
- 9** Best solid conservatory roof system
- 11** Best use of a cedar shingles application
- 13** Best use of a green roof system
- 15** Best use of a lead roofing application
- 17** Best use of hard metals
- 18** Domestic property application using roof tiles
- 19** Commercial property application using roof tiles
- 21** Domestic and commercial building applications using rooflights
- 22** Domestic property application using slate
- 23** Commercial property application using slate
- 25** Roof tile application for a heritage roof
- 26** Outstanding contribution of the year

# A CELEBRATION OF OUTSTANDING EXCELLENCE AND ACHIEVEMENT

We launched the Pitched Roofing Awards in 2018 with a vision of showcasing the successful partnerships between manufacturers and roofing contractors, and the commitment to quality, which is demonstrated by the delivery teams who carry out the work on the projects involved. Boy, have you helped us deliver!

On 5 December, the industry came together at the iconic The Midland Hotel in Manchester to do exactly that – to stop and celebrate excellence within the roofing sector.

This year the quality of entrants has been higher than ever, and the proof can be seen in the finalist projects that are displayed within these pages.

Inside this brochure, you will find details of the winners in all 12 categories, so that the industry can see why the judges felt these projects and individuals deserved this recognition and illustrate the incredibly high standards of the winning projects, products and people behind them.

While we aren't able to include the full details of the nominations in this brochure, we hope that these extracts will give you a flavour of what caught the judges' eyes and highlight some of the projects that roofing contractors of all sizes have worked on.

The entries we received this year were of an exceptionally high standard, and our panel of independent judges faced a difficult task when deciding which entries had that extra special something and was worthy of an award.

The Pitched Roofing Awards team would like to extend a huge thank you to everyone who joined us at the ceremony, as well as to everybody who submitted a nomination.

To our sponsors we thank you for your continued support, as your generosity has made the Pitched Roofing Awards possible. Finally, we'd also like to extend our gratitude to our judges for their diligence and hard work in helping to highlight the very best that the industry has to offer.



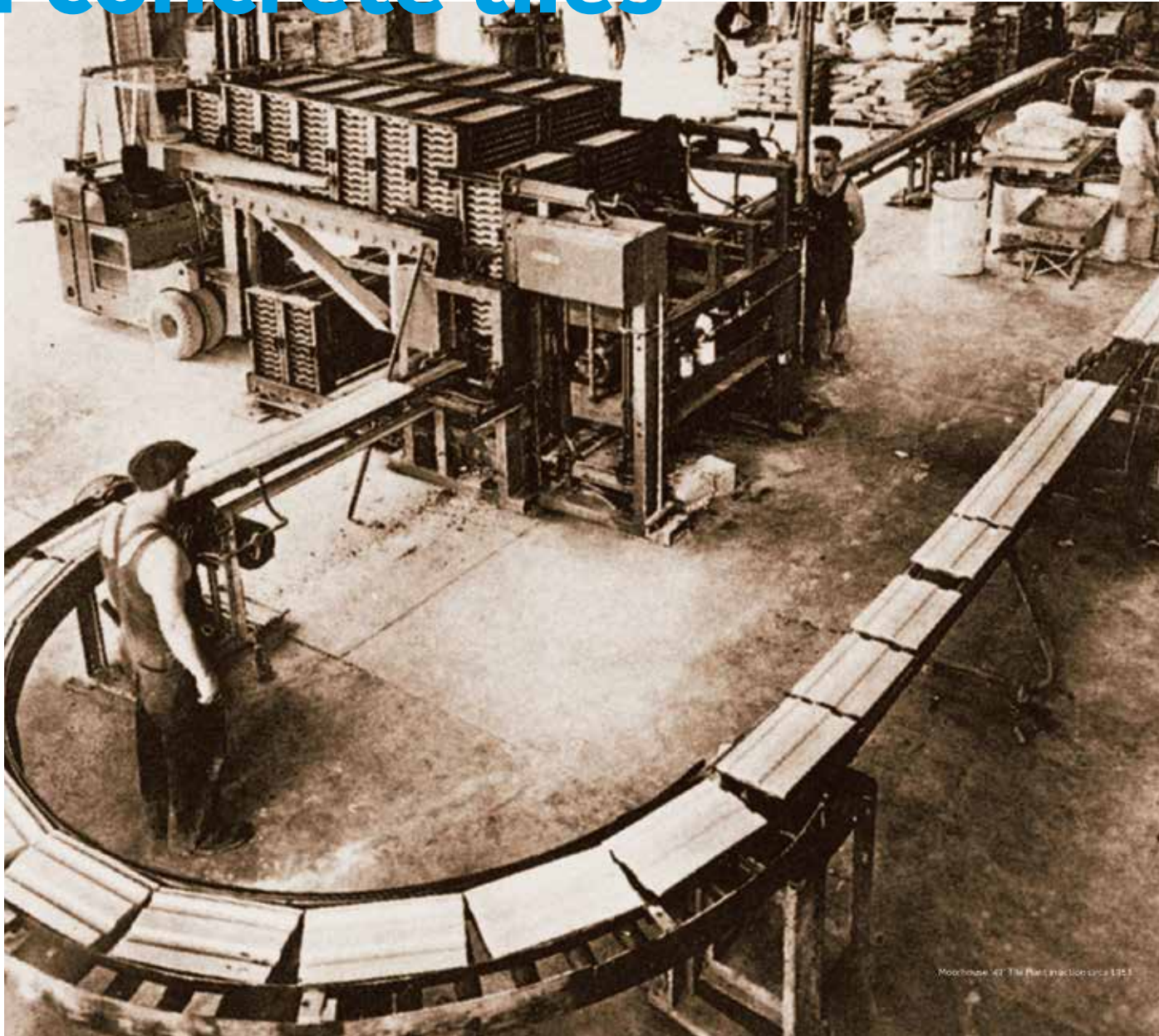
**Nichola Farrugia**  
Editor - Roofing, Cladding & Insulation

ORGANISED BY



Published by MA Business  
MA Business, Hawley Mill,  
Hawley Road, Dartford, Kent, DA2 7TJ

# Celebrating 100 years of concrete tiles



**BMI Redland**

1919 - 2019

100 YEARS OF CONCRETE

2019 sees BMI Redland celebrate 100 years of concrete tile production and we're proud to look back even further to 1837, when our first Rosemary clay tile was made. Ever since we've been delivering innovative roofing and waterproofing systems. Now as BMI we continue this work by providing shelter, protection and peace of mind for architects, roofers, building and homeowners alike - through roofs that are designed to transform the way people live and work.

[bmigroup.com/uk](http://bmigroup.com/uk)

Providing total roofing solutions

**BMI icopal**

**BMI Monarplan**

**BMI Redland**

**BMI Sealoflex**

**BMI Canopia**

**BMI WOLFIN**

# SPONSORS

## HEADLINE SPONSOR



Ali-Fabs (part of the Guttercrest Group) is a leading manufacturer of high-quality aluminium wall coping and capping used in both major construction projects and domestic installations.

With a combined total of almost 100 years' experience, Ali-Fabs and Guttercrest offer unrivalled product performance, quality and durability.

With state-of-the-art manufacturing capabilities across its 65,000 sq ft premises in Shropshire, Ali-Fabs can produce an endless range of profiles and fabrications with short lead times. Products are available polyester powder coated in a variety of colours and finishes, including anodised effect, textured and stone effect.

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

## MAIN SPONSORS



Associated Lead Mills (ALM) is one of the UK's leading distributors of rolled lead and ancillary products, while ALM HM is the largest hard metal and ancillary supplier to the UK building industry. Through excellent work ethics and unparalleled service, ALM has become leaders in its field.

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



With over 180 years of industry experience, BMI UK & Ireland delivers innovative roofing and waterproofing systems – designed to transform the way people live and work. It provides protection and peace of mind for architects, roofers, building and homeowners alike.

[www.bmigroup.com](http://www.bmigroup.com)



Since its formation in 1997, Cromar Building Products has taken advantage of its independent ownership to respond to market demands and provide customers throughout the UK and Ireland with exceptional service and value.

[www.cromarbuildingproducts.com](http://www.cromarbuildingproducts.com)



Easy-Trim Roofing & Construction Products is a multi-award winning, vertically integrated company based in Altham, Lancashire. Founded in 2005, the company is one of the fastest growing British manufacturers in the roofing sector, offering innovative products of unparalleled quality.

[www.easy-trim.co.uk](http://www.easy-trim.co.uk)



Marley prides itself on innovating for the future, whilst treasuring its rich roofing heritage of 100 years. Summed up in its newest roof tile, the Eden Traditional Clay Pantile celebrates the aesthetics of 12<sup>th</sup> century pantiles, yet its modifications brings it to the 21<sup>st</sup> century.

[www.marley.co.uk/edenpantile](http://www.marley.co.uk/edenpantile)

## DRINKS SPONSOR



The RCI Show is the largest UK event where the entire roofing, cladding and insulation supply chain comes together. The vibrant two-day event allows visitors to compare and source new products, learn from the experts, and hear about the important issues currently impacting the market.

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



Since it was established in 1983, Ultraframe has been acknowledged as the pioneer of the conservatory roofing sector in the UK, and continues to drive the sector with its innovations to this day.

[www.ultraframe-conservatories.co.uk](http://www.ultraframe-conservatories.co.uk)



Northstone (NI) is the largest construction and building materials group in Northern Ireland. Its divisionalised structure is made up of three operational divisions, namely Farrans, Northstone Materials and CUBIS Systems, which form a vertically integrated business.

[www.northstone-ni.co.uk](http://www.northstone-ni.co.uk)



Forticrete's range of concrete roof tiles, cast stone, walling stone and architectural masonry are unrivalled in their field, having evolved over five decades through close collaboration with its customers in the UK construction industry.

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

## HOST SPONSOR



Unique in its sector, PREFA has made a name for itself over the last 70 years when it comes to the development, production and marketing of aluminium roof, façade and roof gutter systems.

The expanding, innovative company now has a market presence in 22 European countries.

[www.uk.prefa.com](http://www.uk.prefa.com)

## GALLERY SPONSOR



SIG Roofing has everything you need under one roof.

Whatever you need for your roof, with over 100 branches nationwide, SIG Roofing has got it covered for you.

Its friendly, local teams are always ready to share their passion for roofing, expertise, knowledge and impartial advice.

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

## TABLE GIFT SPONSOR



Eternit, a member of the Etex Group, supplies a diverse range of products for the building envelope through its fibre cement processing. The company provides a variety of slates and profiled sheeting to suit all tastes, produced to the highest standards.

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

# Pitch Perfect



## VENT13

Breathable membranes



A high performance range of breathable roof underlays for cold and warm roof application which requires no ventilation.

## PRO RIDGE

Universal Ridge & Hip System



Suitable for ridge and hip application, works with most ridge tiles - the quicker and easier alternative to mortar.

## Leadax

CROMAR



Leadax is the first lead substitute in the world that looks like lead, dresses like lead and is as malleable and as pliable as lead.

## CROMAVERGE

PREMIUM UNIVERSAL DRY VERGE



A premium, universal dry verge system, no need for separate left or right hand verges anymore. With a quick fit design there is no need for using mortar.

**CROMAR**  
Building Products



Pitched Roofing  
Products

# MEET THE JUDGES...

To ensure that the process was fair and objective, the judging for the 2019 Pitched Roofing Awards relied on the expertise of an impartial panel of industry experts.



**Dusty Gedge, president, European Federation of Green Roof and Wall Associations**

Dusty Gedge is a green infrastructure consultant working in London, UK and Europe. He is the current president of the European Federation of Green Roof Associations (EFB) and founder of Livingroofs.org. Though he has a particular interest in biodiversity and urban nature, Dusty's work in the built environment is focused on climate resilience and the promotion of greener cities through multi-functional green infrastructure. Dusty is a recognised authority, designer, consultant and public speaker on green roofs and urban green infrastructure.



**Chris Hopkins, divisional director, Ploughcroft**

Chris Hopkins is an entrepreneur who has experienced just about everything the roofing industry could throw at him, yet he has worked tirelessly through the ups and downs of his career to raise the profile of the roofing industry and his own business alike! His achievements include tirelessly working to change the public's perception of the roofing industry; having to find a way to survive through a recession; starting his own training school; and propelling the solar roofing industry through a fruitful appearance on the BBC's Dragons Den.



**Alan Lander, director, RoofTrain UK**

After leaving school at the age of 16, having already worked with his father on weekends and during the summer holidays from the age of 12, Alan loved working on the 'tools'. Having learnt his trade from his father, Alan branched out on his own as a sub-contractor in Devon. In 1976, he moved to Bristol where he continued sub-contracting for several roofing contractors. Alan was offered a job as a site supervisor with Roofing & Maintenance Services in Bristol where he worked his way up to become contracts manager, responsible for estimating, customer liaison and running a variety of roofing contracts.



**John Mercer, independent consultant**

John Mercer has more than 40 years' experience in pitched roofing. In 1985, he joined Sandtoft Roof Tiles as a sales representative, and in 1992, he started the company's technical department, which enabled him to develop detailed knowledge of the use of roofing materials and systems, together with all relevant standards and building regulations. This included designing and writing specifications for complete roofing systems. John has also designed many roofing accessory products and systems in that time.

For the last 25 years, John has been a member of several industry committees and expert groups, responsible for writing and revising British and European roofing standards. He was also chairman of the Roof Tile Association technical committee for eight years until 2017. Since May 2018, John continues to work in the industry as an independent consultant.



**Chris Miller, managing director, The Roofing Corporation**

Chris Miller, managing director of The Roofing Corporation has 30 years' experience in the roofing industry. Chris enjoys adding his own touch to each individual job, making it unique. Working with a fantastic client base, he usually has the freedom to create something bespoke on each project, where relevant. Some of the individual, personal touches he has added to projects include: time capsules, handmade cat and mouse ridges, and intricate hand-cut, slated patterns. Employing a number of apprentices in a small company, Chris is passionate about training and up-skilling to a professional level, believing you should never stop learning.



Think British.

Think **easy-trim** 

In these times of uncertainty, multi-award winning manufacturer Easy-Trim Roofing and Construction Products believe that the key to keeping Britain Great is investment into British manufacturing, people and innovation.

Easy-Trim's core values encapsulate this perfectly...

- **Innovation** – creating tomorrow's products today
- **Service** – Industry leading service and support
- **People** – with integrity, capability and passion

*...always delivering quality & service*

Dry Fix Ridge • Lead Replacement • Breather Membranes • Dry Fix Verge • Ventilation • Waterproofing  
Weatherproofing • Cavity Closers • Brick Ventilation • Approved Contractor Training



**easy-trim**   
Roofing & Construction Products

are proud to sponsor the



and we would like to congratulate all winners  
who are demonstrating excellence in our sector

[www.easy-trim.co.uk](http://www.easy-trim.co.uk)



**WINNER**



## BEST SOLID CONSERVATORY ROOF SYSTEM

Ultrarroof Conservatory Transformation: Ultraframe working with Durham Design

The client in Guisborough, North Yorkshire had a woodgrain Edwardian-style conservatory, which they wanted to update into something more modern and more energy efficient, enabling them to use it all year round.

The roofing system used on this conservatory upgrade/transformation project was the Ultrarroof tiled roofing system from Ultraframe. Installed by Durham Design, the Ultrarroof system was used to transform the dated conservatory into a contemporary new extension.

Ideal for both conservatory upgrades and newbuild extensions, Ultrarroof is closer in appearance/thermal performance to a traditional extension, but can easily/quickly be fitted by installers.

Ultraframe super-insulated columns were also used, which are designed to work in conjunction with Ultrarroof and are said to be five times more thermally efficient, than brick piers of the same size.

While the client was keen to create a new living space, which would have a more room-like feel, and be thermally efficient enough to use all year round, they didn't want a roof that was entirely solid, as it was important to them that the room – and those adjoining it – were flooded with plenty of natural light to create a light and airy feel.

Ultrarroof's solution not only provides outstanding thermal performance, but it can also be glazed with full length glass panels, to provide the natural light that was a key factor in this project. With a U-value of 0.13, it is a complete warm roof system, with no cold bridging, thanks to its 380mm structural beam, ridge, hips and panels, all being insulated.

Ultrarroof was also chosen because it never needs a tie bar, thanks to its 380mm wide box beam. On a gable style extension, such as this one, a tie bar would be required if using a competitor system, which would have spoiled the aesthetics of the high vaulted ceiling.

The 380mm wide box beam is said to be 80 x stiffer than the conservatory beams used in competitor systems, yet despite this, Ultrarroof is a lightweight tiled roof at only 38kg/m<sup>2</sup>. As well as dispensing with the need for a tie bar, this superior strength also allows for unsupported spans of 4m – ideal for projects such as this one with bi-fold doors, as no additional structural support is necessary.

The old conservatory was taken down to the floor level and the base extended, removing parts of the existing foundations. New windows, doors and brick pillars, coupled with super-insulated columns were then fitted and topped off with the Ultrarroof system.

With Ultrarroof, installation is fast and simple, due to the high levels of pre-fabrication and the tiles being supplied in sheets of 12, which are cut to size. This means that there's virtually no cutting or trimming of OSB or insulation on-site.

The Ultrarpanels in the roof are light and easy to move around site with carrying bands and click-fit battens. They not only form a super-strong i-beam structure, but they require virtually no battening, as plasterboard and OSB can be fixed straight onto them.

Within each Ultrarroof, there is at least one expandable panel. Simply snipping the band allows the panel to expand, taking care of any tolerances that would need labour intensive intervention on other systems. However, we all know that small adjustments are sometimes needed on-site, and so the system is designed to accommodate these.

Thanks to how Ultrarroof is packaged and labelled, the installation process is kept to a minimum. Components are labelled from one, upwards in the order in which the roof is built. Starting at pack one, the installer works through in order, so you don't need the entire roof on-site at once.

[www.durham-design.co.uk](http://www.durham-design.co.uk)

[www.trade.ultraframe-conservatories.co.uk](http://www.trade.ultraframe-conservatories.co.uk)

### JUDGES COMMENTS

*"This was a top-quality installation with the gable end design being very well executed.*

*A lot has gone into this project to not only increase its thermal efficiency, but also to allow increased light in through the roof. It transforms the living space and has made a huge difference to the customer."*

# GEMINI®

## THE ROOFING TILE THAT HAS CAUSED A REVOLUTION



**Forticrete**



Forticrete is proud to have a project shortlisted at this year's RCI Pitched Roofing Awards in the **Commercial Property Application Using Concrete or Clay Roof** category.

Working closely with our client, Halebourne Care Group, the project's main contractor, Lawrence Baker, and Bracknell Roofing Contractors, we wanted to ensure the chosen roof tile was right for everyone. Quality, aesthetics plus ease and speed of installation were all taken into consideration and 40,000 Gemini® roof tiles in Ember Blend were laid with exceptional results.

Gemini is a true innovation in roof tile design. With its 'double cambered' design, this interlocking concrete tile gives the appearance of traditional plain tiles when laid.

Because of Gemini's design, fewer tiles are required to cover the same area as a conventional double lapped plain tile. This innovative product assists in reducing the build cost, and helps to reduce the environmental impact by reducing the amount of quarried aggregate used and haulage movement per laid m<sup>2</sup>.

**The best of luck to all nominees on the night.**

Call **01525 244900** or visit **[www.forticrete.co.uk](http://www.forticrete.co.uk)** to find out more.



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



**Ibstock**  
At the heart of building

**WINNER**



## BEST USE OF A CEDAR SHINGLES APPLICATION

Tree House: SR Timber working with Turpin Roofing Contractor

SR Timber's Western Red Cedar Shingles were specified for the Tree House in Heathfield, East Sussex, to blend in with the area's natural surroundings.

The building was already insulated with a felt membrane, ready for Turpin Roofing Contractor to lay the battens. Each batten was hand cut to fit in perfectly, and every tile was then hand tapered to work with the unique shape of the building.

Once the tiling was complete, Turpin Roofing Contractor

laid the cedar ridge and then constructed a lead saddle to support the copper finials.

The roof on the Tree House completes this unique bespoke building, and the skill in which this roof was constructed is exquisite. The attention to detail in every aspect shows care and great roofing expertise.

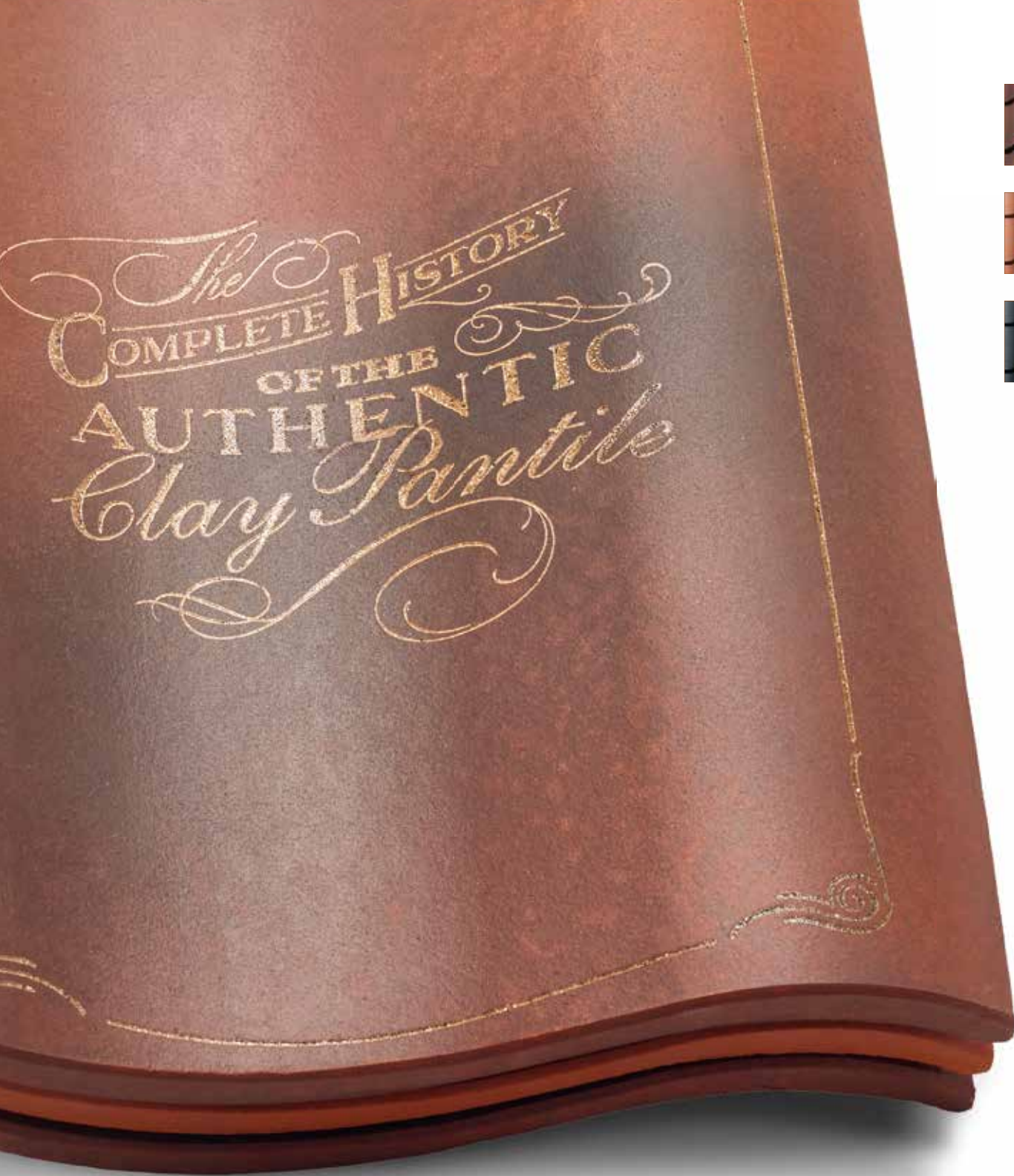
[www.sr-timber.com](http://www.sr-timber.com)

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

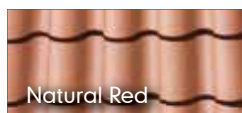
### JUDGES COMMENTS

*"The complexity of this project is what really stood out for us. There is an outstanding degree of craftsmanship that has been carried out, and the detailing looks exquisite. The use of the material blends in very well within the surrounding environment."*





Rustic Red



Natural Red



Matt Black



## EDEN

We've rewritten the book  
on 12th century clay pantiles.

Start a new chapter at [Marley.co.uk/edenpantile](https://www.marley.co.uk/edenpantile)



# WINNER



## BEST USE OF A GREEN ROOF SYSTEM

Isle of Harris dwelling: Optigreen working with Bridgman & Bridgman LLP

Optigreen’s FKD58 pitched green roof system, along with the company’s protection fleece, substrate and vegetation blanket, which is specially grown in marine conditions, was used on the Isle of Harris property in Scotland.

This beautiful Scandinavian timber-framed home, complete with a stunning green roof, is located on the very western edge of Europe. With heather-backed mountains on one side and windswept white sands on the other, the property even boasts its own private beach on the western coastline.

Fjordhus contacted Optigreen and Bridgman & Bridgman LLP to design and install a pitched green roof system on a timber-framed home on the Isle of Harris in Scotland. The house and garage are topped with a series of 30° pitched roofs, and SRS Projects (Scotland) installed the waterproof membrane.

The project required 90% of the islands scaffolding during the construction process, and the island’s only crane was used for the duration of the works, which was carried out by its 79-year-old operator!

The project was 650 miles away from Bridgman &

Bridgman LLP’s headquarters in Milton Keynes – a 17-hour journey, which included ferry crossings. The phone signal was extremely limited and contacting suppliers and the office involved a 20-minute drive to a high-level area to get signal.

Sending materials from the UK mainland often took three to four days travelling time. The roadway up to the house was constructed from local rock, but unsuitable for HGVs, and a telehandler was required to bring all the materials from the island road up the mountain face to the work area.

Strong winds of up to 95 miles per hour were experienced during Bridgman’s time on the island, and many days were lost and work halted due to severe gales and driving rain.

The roof and vegetation needed to be able to cope with the high sea salt levels, and also winds measuring over 120mph, which the island has previously experienced.

The Isle of Harris project was completed on time and within the original budget.

[www.optigreen.co.uk](http://www.optigreen.co.uk)  
[www.gardensinthesky.co.uk](http://www.gardensinthesky.co.uk)

### JUDGES COMMENTS

*“This was logistically a tough application, as it was carried out in extreme working conditions. It involved a great use of local resources, including the local 79-year-old crane operator! The roof installation blends perfectly into the environment, and to finish this project on time and within budget is commendable given the environment.”*

# HIGHLY COMMENDED



Bransholme Pumping Station: Optigreen working with Bridgman & Bridgman LLP

Installing the first fully removable green roof in the UK on Bransholme Pumping Station in Hull was a very difficult project to undertake for the team at Bridgman & Bridgman LLP. Working on a 30° pitch, and from ladders and fall arrest harnesses, the team had to pour over 50 tonnes of substrate with control, and position over 200 rolls of vegetation blanket.

[www.gardensinthesky.co.uk](http://www.gardensinthesky.co.uk)  
[www.optigreen.co.uk](http://www.optigreen.co.uk)



## A FULL RANGE OF HIGH QUALITY ROOFING PRODUCTS

The Northstone range of roof tiles are designed to complement all types of buildings, from the one off self-build project through to the largest housing development, schools, or commercial property. Our yard is fully stocked and we provide fast turn around from order to delivery.

## WHY CHOOSE NORTHSTONE?

- Part of CRH plc, the largest building materials group in the world
- Manufacturing high quality roof tiles since 1964
- UK based manufacturer
- Range of roof tile profiles and colours readily available
- Range of dry fix solutions readily available
- Technical sales team to assist with enquiries
- Free samples on request
- Kitemark quality tiles manufactured to all British and European standards



### CAUSEWAY

The Causeway is a thin, leading edge tile available in a smooth or riven finish to give the appearance of a slate. This durable, attractive design is 40% thinner and 15% lighter than traditional flat tiles.



### DUNLUCE

The Dunluce is a thin leading edge interlocking tile with a mock joint which gives the appearance of a European plain tile half its actual size when laid.



### DONARD

The Donard is a standard flat concrete tile. The Donard has good wind loading and anti capillary features ideal for performing in the GB climate.



### DERRIE

The Derrie MK2 has a traditional double roll pattern which has a proven performance record for over forty years. The double roll gives the tile an inherent strength and good wind loading.

## ALL TILES AVAILABLE IN A RANGE OF COLOURS



### Get in touch!

028 7965 1317  
www.northstonerooftiles-gb.com  
sales@northstone-ni.com  
99 Kingsway, Dunmurry, Belfast BT17 9NU



# WINNER



## BEST USE OF A LEAD ROOFING APPLICATION

Audley Retirement Village: Associated Lead Mills working with Richardson Roofing

As Audley Retirement Village in Englefield Green is a grade II listed building, the decision was made to specify the dome turrets in lead in order for them to be in keeping with the appearance of the building. Lead was also chosen to give a quality traditional appearance that would be appreciated by customers, but also with the restraints of the commercial team expecting value for money.

The lead was installed using traditional hand tools by time served installers at Richardson Roofing. The majority of the dome's octagonal turret is in Code 5. For example, there are Code 5 vertical panels, Code 5 vertical bays, which were centralised with wood roll sections and were then divided up the middle with wood roll. Code 7 clips were used.

A Code 5 gutter was installed whereby T-Pren expansion joints were also welded in the gutter. King roll hips were in Code 5 with bell tag clips also in Code 5. The visible bird beak vents with perforated copper were in Code 5.

Code 7 clips were used on the bays as it was agreed that Richardson Roofing would go up two codes instead of one code, which is generally advised. This decision was made

due to the height of the dome turret and the need for the clips to retain their strength and not buckle.

Logistics for the Audley Retirement Village project was complicated as the grounds were owned by an estate and had strict restrictions imposed on opening and closing times, as well as on delivery times. There were also strict traffic management routes, in addition to tree protection areas. Any abuse of these restrictions resulted in either the sub-contractor being banned, or its supply chain being refused entry.

The project has been split into two phases – with the first phase having seen Richardson Roofing undertake the traditional slating and leadwork, which is where the turret can be seen on the main house. The success of this first phase lead to the company securing work on the second phase of the project, where it is undertaking additional turrets and slating, but also industrial standing seam.

[www.richardson-roofing.com](http://www.richardson-roofing.com)  
[www.associatedlead.co.uk](http://www.associatedlead.co.uk)

### JUDGES COMMENTS

*"The attention to detail on this project was outstanding. The creativity along with the workmanship was outstanding. Fantastic work!"*

# HIGHLY COMMENDED



Nave Roof Canterbury Cathedral: Full Metal Jacket working with Sand Castle Lead

The existing lead on the Nave Roof at Canterbury Cathedral had to be removed, smelted, re-cast and re-used. The lead was laid on hemlock battens, with stainless steel plates fixed with the re-cast lead hooked on using single lock lap wet, and then joined using the 'Canterbury roll', which is something that is unique to the Cathedral.

[www.fmjlimited.co.uk](http://www.fmjlimited.co.uk)  
[www.sandcastlelead.co.uk](http://www.sandcastlelead.co.uk)



# ALUMINIUM, RELY ON THE BUILDING MATERIAL OF THE FUTURE

## ALUMINIUM ROOF & FAÇADE SYSTEMS

For us, aluminium is the most flexible material used in construction engineering. Not least because the material has excellent folding properties. Thanks to a refined alloy, aluminium is pliable and extremely flexible to work with even in extreme temperatures below freezing point.

The time needed at the construction site is significantly reduced too. We deliver the material to you in a perfectly prepared condition. In addition, with the appropriate technical expertise, our products can be quickly and easily mounted (on a roof pitch exceeding just 3°).

Lightweight, robust, long-lasting, environmentally-friendly, ideal to work with, versatile in design – aluminium possesses all the characteristics that you could wish for in a material.

office.uk@prefa.com  
www.prefa.com

## 10 GOOD REASONS FOR CHOOSING PREFA

- ! **STORM-PROOF**
- ! **RUST-PROOF**
- ! **BREAK-PROOF**
- ! **LIGHT**
- ! **BEAUTIFUL**
- ! **COLOUR-FAST SURFACE**
- ! **GREAT FOR RENOVATIONS**
- ! **COMPLETE SYSTEM**
- ! **ENVIRONMENTALLY FRIENDLY**
- ! **40-YEAR GUARANTEE**

\* The colour guarantee ensures that the painted surface is protected from chips and blistering under the terms specified in the guarantee certificate. You can find more information about the material and colour guarantee at [www.prefa.com/guarantee](http://www.prefa.com/guarantee)



[WWW.PREFA.COM](http://WWW.PREFA.COM)



## WINNER



## BEST USE OF HARD METALS

### Grantley Hall: VMZINC working with Varla Cladding

The work carried out by Varla Cladding on Grantley Hall in Ripon, comprised a double curved standing seam zinc roof, including the substrate, an overhanging soffit with an aluminium bull nose to the full perimeter of the building, aluminium rainwater goods to match the zinc roof, a standing seam zinc roof to the entrance, and aluminium capping's to ramps surrounding the building.

VMZINC's Pigmento range of zinc coils were used on the project in Pigmento Grey, which closely matched RAL 7010. This is the RAL colour that Varla Cladding coated the matching rainwater goods in as it was a close match.

Guttercrest produced the rainwater goods and faceted bull nose, which comprised 74 individual pieces to achieve the radius of the building. The complex design of the roof meant that Varla Cladding had to install two layers of 12mm WBP external grade plywood to be able to form the curves. The company then installed two layers of Kingspan TR26 insulation boards at 80mm thick to achieve the thermal U-value required.

The roof was designed in the shape of an Armadillo with 18 wings and steps. The elevations to the building are finished in light grey stone, which matched against the VMZINC Pigmento Grey.

The metal is purchased in coil form and rolled out into the required panel length, which was a maximum of three meters on this scheme in Varla Cladding's facility in York.

Due to the complexity of the roof, no two panels are the same. Each panel was fitted by hand with hand stretchers to form the convex to each section. Each step comprised several small pieces of standing seam zinc fitted vertically. In addition to the main roof, the canopy roof and soffit to the perimeter of the building was covered with tapered standing seam panels to suit the oval shape of the building. The faceted bull nose was fixed to the gutter above with brackets to the soffit beneath.

[www.varla.co.uk](http://www.varla.co.uk)  
[www.v zinc.co.uk](http://www.v zinc.co.uk)

### JUDGES COMMENTS

*This project has the 'wow' factor because of the complexity of the roof and the way in which each section had to be individually shaped. The flowing curves resemble a wave, which blends perfectly into the building. The intricate skills involved are exceptional."*

## HIGHLY COMMENDED



### The Hive, Central Manchester Hospital

The Hive in Manchester is situated within the grounds of Central Manchester Hospital. Rimex Soft Vortex grade 316 stainless steel was selected, due to its robustness and appearance. It is a multi-directional product, which produces a light diffusing effect. The existing structure was a brick building used to house flammable gasses. Longworth Building Services created the non-standard façade structure to the agreed shape and clad it with stainless steel shingles.

[www.longworth-uk.com](http://www.longworth-uk.com)  
[www.rimexmetals.com](http://www.rimexmetals.com)

**WINNER**



## DOMESTIC PROPERTY APPLICATION USING ROOF TILES

Rothschild Estate – Golden Mede: Marley working with Birmingham Asphalt

The Marley Acme Double Camber Clay Plain Tile was selected in a Burnt Flame colour on the Rothschild Estate – Golden Mede in Aylesbury, Buckinghamshire. With 75 homes to complete, Marley supplied over half a million tiles to the site to agreed timescales to support the contractor's deadlines.

Golden Mede is an award-winning housing development located in the historic village of Waddesdon. It has been devised and created by the Rothschild Foundation and comprises 75 new homes designed by leading Danish architects C.F Moller.

An integral element in the delivery of what is a show stopping and modern design has been the specification of Marley's Acme Double Camber tile as both a roofing and vertical external wall cladding solution. A compelling combination of the tile's unique design prowess, ability to accentuate the beauty of light and shade, installation versatility and proven performance, appealed to the architectural design team.

Turning away from traditional roofing design and

seeking to create a contemporary appearance that complemented the historic village setting, the designers felt confident that the Acme Double Camber was the ideal product solution for the exterior of the houses.

Its unique double camber provides for instant visual appeal, while its strong A+ environmental credentials and accreditation to BES 6001 framework standard for 'Responsible Sourcing', underpin the long-term sustainability objectives for the entire Golden Mede development. In particular, the tile provided the ability to support innovative design approaches for the project, which included the creation of a secret 'hidden' guttering solution and a seamless blend with the gable end timber cladding specification.

The Rothschild Estate – Golden Mede project commenced at the end of 2018 and phase one has been completed on time and to budget.

[www.birminghamasphalt.co.uk](http://www.birminghamasphalt.co.uk)  
[www.marley.co.uk](http://www.marley.co.uk)

### JUDGES COMMENTS

*"This project was a worthy winner as it demonstrates a great example of modern design with traditional roof tiles, high installation quality and excellent workmanship."*

### HIGHLY COMMENDED



Old Leylands: Wienerberger working with Richard Soan Roofing Services

The Wienerberger Goxhill handmade clay plain tiles were used on the Old Leylands house in East Sussex to be in keeping with the character of the house. The roof is made up of 25 intricate slopes with four projections on the south rear elevation with run out gutters in between. The west elevation comes off at an acute angle with the roof pitch changing from 45° to 70°.

[www.richardsoan.co.uk](http://www.richardsoan.co.uk)  
[www.wienerberger.co.uk/rooftiles](http://www.wienerberger.co.uk/rooftiles)

**WINNER**



## COMMERCIAL PROPERTY APPLICATION USING ROOF TILES

Wixams Retirement Village: Marley working with NRA Roofing & Flooring

Marley Edgemere tiles and Marley Plain concrete tiles were used on the Wixams Retirement Village in Bedfordshire, not only for their quality, but also to achieve the architect's desired vision for the project.

Installed by NRA Roofing & Flooring, alongside its flat roofing division, there were many complicated interface details, due to the large curved roof area.

Great care had to be taken to make sure the shape of the curve was followed perfectly. In addition, care also

had to be taken to make sure that both pitched and flat roofs married perfectly.

With a very happy main contractor and client, works on the Wixams Retirement Village were completed on time and within budget. NRA Roofing & Flooring is now working on further projects for the same team.

[www.nraroofing.co.uk](http://www.nraroofing.co.uk)  
[www.marley.co.uk](http://www.marley.co.uk)

### JUDGES COMMENTS

*"Due to the curvature of the roof, it required great skill to work with the different tiles. The project involves great complexity and has been well executed. We particularly liked the use of the two roof tile colours, which work very well together."*





Ultra<sup>TM</sup>roof  
By Ultraframe

# Award winning system

Three times winner at the Conservatory & Orangery Awards for design, components and installation

[UR380info.co.uk](http://UR380info.co.uk)



INSTALLATION  
UP TO £35K

TECHNICAL  
INNOVATION

OUTSTANDING  
ACHIEVEMENT

**WINNER**



## DOMESTIC AND COMMERCIAL BUILDING APPLICATIONS USING ROOFLIGHTS

Dorothy Wadham: SIG/The Rooflight Company/Glazing Vision/Velux working with Richardson Roofing

There were four different products used on The Dorothy Wadham Building in Oxford. These included: Velux roof lights (35 nr), 3 nr roof lights from Velux Modular; 5 nr roof lights from The Roof Light Company; and 13 nr Skylight rooflights from Glazing Vision. SIG provided the Velux rooflights and the Velux modular rooflights.

In total, 57 nr roof lights in 5 nr separate buildings have been fitted on the project and were chosen to allow in natural light and to ventilate the building. The Velux roof lights (35 nr) are installed in communal areas and in the top floor bedrooms. Each roof light has a motorised opening and closing option, along with remote controlled blinds. The open/close option is controlled by a rain, room temperature and wind sensor.

The 5 nr roof lights manufactured by The Roof Light Company come in two sizes and have motorised opening mechanisms controlled by wind and temperature sensors. They also have manual override switches wired into each room.

Velux Modular provided 3 nr roof lights again with a motorised open/close option. Each roof light has three leaves – 500 x 1100mm with the two outer leaves opening. These were chosen to provide natural light to staircases and are controlled remotely by hand-held devices. Glazing Vision's 13 nr Skylight rooflights were chosen to provide natural light to communal areas and access to various flat roofs. Each of these is controlled by manual override switches, room thermostats and rain sensors.

Each of the six different types of roof lights were crane lifted onto the roof, screwed into prepared cross laminated timber upstands and weathered using standard flashing kits

or bespoke zinc flashings.

The works on The Dorothy Wadham Building were accessed using a tubular scaffold on the outside and podium scaffolds on the inside. Logistically, the main challenge was installing The Roof Light Company windows, each measuring 2000 x 1200mm. Each double-glazed unit had to be craned into position, using a large pneumatic sucker frame and tower crane. The Velux Modular roof lights each came in kit form with each comprising over 600 nr components.

Completion of the works proved extremely challenging because of the commissioning of four different manufactures and six different types of roof light. Coordinating the wiring with the electrical contractor and locating all the different sensors, remote and fixed control boxes were particularly difficult.

After all the units were eventually powered up, each roof light then had to be "paired" with each individual remote-control pad. Care had to be taken to prevent the remote-control pads being paired with the roof light in the adjoining room. An O&M manual for each unit was then provided, which had to identify where each different type of roof light was located within each of the 5 nr buildings. Each remote-control was labelled to identify which roof light it operated.

[www.richardson-roofing.com](http://www.richardson-roofing.com)

[www.sigplc.com](http://www.sigplc.com)

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

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

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

### JUDGES COMMENTS

*"This project has been executed very well, as it involved a complex use of technology, as well as mixing products from four different manufacturers. Overcoming a number of logistical issues to get the crane on-site, the delivery team was thorough about how they went about carrying out the application."*

**WINNER**



## DOMESTIC PROPERTY APPLICATION USING SLATE

Mount Harry House for R Durnell & Sons: Raven Roofing Supplies working with Mid-Kent Roofing

Mid-Kent Roofing, which is part of Avonside Group, was contracted by R Durnell & Sons to strip and re-slate the existing Georgian-style Mount Harry House in Lewes, East Sussex, and slate the property's new extension.

Slate from Vermont was used on the country house, not only because it was part of the brief, but because the extension needed to be slated in a style that complemented the rest of Mount Harry House's roof in order for it to be seamlessly integrated with the rest of the building.

The product was installed in the traditional method and in keeping with British Standards. The Vermont slates were clipped with 100mm stainless steel hooks. All perimeters were nailed and the whole roof was hooked.

Mid-Kent Roofing decided it would be best to nail and hook each slate, due to the location of the building, as it sits on top of a hill in the South Downs. Bad weather could easily cause damage to the roof if this had not been done.

Due to the nature of the project, Mid-Kent Roofing was required to use random widths of slate, which proved challenging at times. It also involved detailed alleys and lead hips/dormers, which also added to its complexity.

Although Mount Harry House is currently privately owned, now making it a domestic building, the popular country house was used for commercial purposes, with the grounds open to campers when works were being carried out. Therefore, all construction traffic was not

allowed to use the normal entrance, as visitors were still able to visit the venue throughout the project, and the client wanted to cause as little disruption as possible. This made access to the site difficult for the installation company, as the only other entrance was through woods.

Mid-Kent Roofing honoured R Durnell & Sons' wishes and used an alternative entrance to the site via the nearby woods, rather than the normal entrance during the project. The result was that no inconvenience was caused to visitors of the Georgian-style country house.

Mid-Kent Roofing had a three-month time period to complete this project. The company managed to keep to this time frame and finished on time. The client was over the moon with the work, and in fact, Mid-Kent Roofing is about to start the next phase of the work on the project, which will be on what previously would have been a granny annexe and servant quarters.

R Durnell & Sons has been trading as a building company since 1591. Sadly, the company ceased trading due to a consistently falling level of net assets. Nevertheless, Mid-Kent Roofing enjoyed working on this historical building and pleasing its client.

The extensive renovation and re-roofing works came within the budget, which was £110,000.

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

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

### JUDGES COMMENTS

*"This is an impressive building, whereby a considerable amount of complex detailing has been carried out with great skill. There was a good use of traditional materials and methods used, and the degree of difficulty in working with random slates, rather than standard slates, made this project challenging."*

**WINNER**



## COMMERCIAL PROPERTY APPLICATION USING SLATE

The Bemrose School: Cawarden Reclaim working with NRA Roofing & Flooring

Existing random Westmoreland Slate was used on The Bemrose School in Derby, with extra slate sourced from Carwarden Reclaim.

Undergoing a full refurbishment, the roof on the listed The Bemrose School had to be replaced on a like for like basis. Undergoing a full refurbishment, NRA Roofing & Flooring worked closely alongside Kier Construction and other trades on-site to coordinate roofing works with stone masons and chimney repairs. Slates had to be stripped and then sorted and graded, whilst reclaimed slates then had to be graded to fill in for the damaged areas.

As The Bemrose School was operational whilst the works were being carried out, access and egress to and from the site had to be arranged. In addition to this, material deliveries had to be planned in great detail on-site.

Phase one of a three-year refurbishment scheme involved the complete stripping of the existing Westmoreland Slates, and re-installation, along with sundries to a new specification, incorporating new reclaimed Westmorland Slates to replenish the natural wastage.

Works on this project were undertaken within the specified 18-week programme, and were completed within the clients budget. The contract value for The Bemrose School project was £590,000.

The client was extremely happy with the finished works, which were handed over with a full QA system. Discussions for phase two are now underway.

[www.nraroofing.co.uk](http://www.nraroofing.co.uk)  
[www.cawardenreclaim.co.uk](http://www.cawardenreclaim.co.uk)

### JUDGES COMMENTS

*"A considerable amount of technical work has been carried out on The Bemrose School roof within a quick time scale to a high standard. It was a very complex job in terms of practicalities and with regards to the tiling work itself. The project saw large-scale employment of reusable materials, which required a fair amount of skill."*



# FIBRE CEMENT SLATES

The charm of a natural slate roof with the economical and functional attributes of modern slate technology.  
Request a sample at [eternit.co.uk](http://eternit.co.uk)

RIVENDALE



Finely detailed surface and dressed edges that reproduce the attractive appearance of natural slate

BIRKDALE



Smooth surface and dressed edges offer a traditional and pleasing look

GARSDALE



Detailed surface and square edge closely resembles natural slate

THRUTONE



Smooth surface and square cut edges give a low profile slate at an economical price

**Eternit** 

etex

# rci show

**25-26 MARCH 2020**

Ricoh Arena, Coventry

- ✓ ROOFING
- ✓ CLADDING
- ✓ INSULATION

Industry leading speakers

RIBA accredited CPD seminars

Live product demos

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





**WINNER**



## ROOF TILE APPLICATION FOR A HERITAGE ROOF

St Joseph's Roman Catholic Primary School, Willesden: BMI Redland working with W O'Dwyer

When selecting the right roof tiles for the re-build project at St Joseph's Roman Catholic Primary School in Willesden, London, it was vital to find one that matched its Edwardian predecessors to return the building to its former glory, following a devastating fire.

The BMI Rosemary tile was ideal for this role as the name is synonymous with clay plain tiles, adding distinction and character to the roof of this school, which is steeped in history and tradition.

BMI Redland's range of Rosemary plain clay tiles come in eight weathered, brindled and single colours, which mellow naturally over time. Rosemary Clay Classic in Red was selected as the best match for this project, providing the required aesthetics and a quality hand-crafted clay roof with the reliability of modern machine-made techniques.

Drones were used to take aerial photographs and videos of the fire-damaged roof when no safe access was available. This enabled the design and planning to begin earlier than it would have, had it been necessary to wait for the building to be safe before inspection could begin.

The roof and top floor of the school suffered extensive damage, due to a fire in 2015, requiring a total rebuild of the roof, incorporating new steel trusses, timber works and tiling. In selecting the tiles for the re-roofing, BMI Redland Rosemary Classic, the specifiers aimed to match the original appearance as closely as possible.

The work was carried out for the client, the Westminster Roman Catholic Diocese by main contractor Associated Installations. W O'Dwyer, who employed sub-contractor Martin UK Roofing Systems, carried out a £1.3 million contract for substantial structural repair and re-roofing. The architect was Wilby & Burnett.

The many period details required tradespeople

with considerable experience and skill on traditional carpentry, roof tiling and lead working. It was important to select the tiling and leadworks contractor based on performance, according to William O'Dwyer of W O'Dwyer, who said: "We chose wisely. We had used them in the past and when we come across someone with good quality workmanship, we tend to use them regularly."

The new roof preserves the character of the old roof, whilst meeting current structural and thermal standards. The design had to incorporate some flexibility to accommodate existing features and irregularities. For instance, the building was not constructed entirely square and the new roof had to tie into the existing gables, which largely survived the fire. Steel trusses, rather than timber ones, were used to meet today's structural codes. The addition of insulation meant that the new roof build-up was greater than the old one.

The eaves had to be built up using new special bricks to accommodate the increased thickness. The roof featured several period features, including four turrets and a central 5m-high lead-clad hexagonal cupola with dome. The new cupola had to be redesigned to replace its destroyed predecessor, as this feature was visible for miles around. Redundant brick flues were removed to enable the new roof layout to be simplified.

The biggest challenge in terms of logistics was getting the roofing materials to their required location. The 76,000 tiles and numerous kilograms of lead were lifted using a labour hoist and transported by hand. This was a slow and laborious exercise, requiring good co-ordination and planning.

[www.bmigroup.com/uk](http://www.bmigroup.com/uk)  
[www.wodwyer.co.uk](http://www.wodwyer.co.uk)

### JUDGES COMMENTS

*"This project was a worthy winner because there was a considerable amount of detail involved in the job. A high standard of workmanship was demonstrated and the new roof preserves the character of the building."*

**WINNER**



## OUTSTANDING CONTRIBUTION OF THE YEAR

Denise Cherry, training officer at the Yorkshire Independent Roofing Training Group

As training officer at the Yorkshire Independent Roofing Training Group, Denise has over 20 years' experience working in the construction sector. She has held several highly strategic roles in the roofing industry, and her work has focused on inspiring, educating and supporting a range of people from a variety of backgrounds into having careers.

With her valuable expertise on training and funding, Denise has lead the development of several sector specific programmes and projects, which have had a great impact on upskilling and qualifying the workforce, employability, apprenticeships, and helping firms to reap the tangible benefits of a diverse and inclusive workforce.

Denise assists more than 100 companies in the region and has helped companies to apply for additional funding to deliver training with a value approaching £500,000 over five years.

She developed a series of toolbox talks entitled: "A Roofers Guide to Sustainability" in 2012, which were delivered across the UK. Individual titles included: "Energy Saving", "Green Deal", "Jargon Buster", "Sustainable Roofing Solutions" and "About Sustainability."

In addition to this, Denise has delivered training programmes to develop trainers in the construction / roofing industry.

Denise has dedicated a large proportion of her work to identifying and promoting young role models in the roofing industry – in particular women on the tools. She has encouraged people to become construction ambassadors and promote career opportunities in the sector amongst students and educators.

A current project that Denise is involved with is 'Proud to Promote Roofing'. The campaign engages with students by providing them with practical opportunities to take part in roofing, through the use of interactive roof rigs.

Denise and others in the industry have visited schools up and down the country, providing children with a better understanding about the roofing industry, and giving them practical hands on experience.

Earlier this year, Denise held a 'Proud to Promote Roofing' day at the Pudsey Scarecrow Festival. Creating work sheets for all ages, showing people different types of tiles and roofing techniques, as well as coming up with different ideas to encourage interaction from children at the festival. Denise pulled all of this together herself.

She even arranged for roofing ambassadors to come along and talk about their careers and demonstrate what they are good at by having pitched roofing rigs available with cut down slate and 3D tiles on display.

**JUDGES COMMENTS**

*"During her career to date, Denise has contributed significantly to making a visible difference within the roofing industry. Going above and beyond, Denise is passionate about promoting training, diversity and well-being in the roofing sector, and has helped to transform the lives of so many people by giving them valuable support and advice."*



# ALI-FABS

COPINGS  
&  
CAPPINGS

*by Guttercrest*

## ALUMINIUM COPINGS & CAPPINGS



THE GUTTERCREST GROUP

# GUTTERCREST

FACADES  
FACADES  
FACADES  
**HUSK**  
ARCHITECTURAL  
ARCHITECTURAL  
ARCHITECTURAL

**WINDYPODS** WINDOW  
SURROUNDS

**CONCEAL** COLUMN  
CASINGS

01691 663322

info@ali-fabs.co.uk

ali-fabs.co.uk