



THE UK ROOFING AWARDS 2018



HOSTED BY

 **NFRC**

LEADING ROOFING EXCELLENCE

HEADLINE SPONSOR



THE UK ROOFING AWARDS 2018 - **RECOGNISING EXCELLENCE**

#roofingawards18

THE ROOFING AWARDS 2018



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Welcome



It gives us great pleasure
to welcome you here
today for the UK Roofing
Awards 2018

THE ROOFING
AWARDS
2018



James Talman
NFRC Chief
Executive

These awards stand as a reminder to us all of the important contribution the roofing sector makes through innovative products, design and workmanship, to the construction industry.

The proof can be seen today through the standard of this year's finalist projects and the commitment to quality demonstrated by the delivery teams.

We congratulate those that have reached the final, and wish them the very best of luck. To our sponsors we thank you for your continued support and to our guests, we hope you have a wonderful day.



PROGRAMME

THE ROOFING AWARDS 2018

12:30 – 13:15 Welcome drinks and networking reception sponsored by BMI Group

13:30 – 16:10 Awards Ceremony hosted by Dan Walker

- Welcome by NFRC Chief Executive, James Talman
- NFRC Health & Safety in Roofing Award 2017
- Local Hero Award – **Sponsored by SIG Roofing**
- Industry Choice Award – **Sponsored by Radmat Building Products**
- Roof Slating
- Roof Tiling – **Sponsored by ECIC**
- Heritage Roofing – **Sponsored by Klober**
- Green Roofing
- Sheeting & Cladding/Rainscreen
- Fully Supported Metal – **Sponsored by Metal Solutions**
- Lead Roofing – **Sponsored by Chandlers Roofing Supplies**
- Single Ply Roofing
- Liquid Applied Roofing & Waterproofing and Hot-Melt
- Mastic Asphalt
- Reinforced Bitumen Membranes
- Small Scale Project (under £25k)
- Large Scale Project (over £250k) – **Sponsored by Wienerberger**
- Innovation – **Sponsored by EagleView**
- Roof of the Year – **Sponsored by SIG Roofing**

16:10 Ballroom Bar open for networking sponsored by BMI Group

20:00 Event closes

This year our President's chosen charity is

PARKINSON'S^{UK}
CHANGE ATTITUDES.
FIND A CURE.
JOIN US.

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Lunch Menu

Starter

Pumpkin & ricotta ravioli with tomato and mascarpone sauce & young leaves (V)

Main

Seven-hour slow cooked shoulder of Romney Marsh lamb, piped mash potatoes, baby vegetables, pea puree, saffron tuile and rich rosemary lamb jus

Vegetarian Main Course

Vegetarian "Wellington" filled with artichoke, tomato, basil, asparagus and goat cheese, with butter sauce (V)

Dessert

Giant macaroon with vanilla Chantilly & mixed berries, Bulgarian yoghurt ice cream (GF)

Tea, coffee & petit fours

Wines

Tierra Sauvignon Blanc, Chile
Solstice Shiraz, Italy

TODAY'S HOSTS

LYNN BOWLES

Lynn Bowles is a broadcaster and a former traffic reporter for BBC Radio, where she worked for 18 years. Before joining the BBC, Lynn worked alongside John Inverdale on Radio Five Live and the Drive Time Programme. She also presented travel reports for Kiss 100, Choice FM, and LBC.

Lynn has contributed to Comic Relief, reporting from Tanzania, and as a keen mechanics enthusiast she has taken part in the MacMillan 4x4 UK Challenge for charity.



DAN WALKER

Dan Walker is a BBC sports presenter and anchor of BBC Breakfast. He currently hosts BBC One's award winning Football Focus and regularly presents Match of the Day.

Having turned down the opportunity to play youth team football, Dan studied journalism and worked on Sheffield student radio. He then moved to the local commercial station Hallam FM before spending four years at Manchester's Key 103 as a presenter and commentator. Dan stayed in the city to work for Granada TV covering league football for ITV and then on to the BBC as the sports presenter on North West Tonight.

Since working for the BBC Dan has gone on to cover Wimbledon, The Grand National, Royal Ascot, The Derby, and the Six Nations. He has continued to work on domestic, European and international football (including every major tournament since 2006) has co-hosted the broadcaster's Open golf coverage for the last 10 years and was an integral part of the BBC's Olympic offering in both 2012 and Brazil in 2016.

Dan also presents a football show on BBC World which goes into over 400 million homes each weekend and, away from sport, has hosted Songs of Praise and appeared on shows like Countdown, Pointless Celebrities, Celebrity Mastermind and A Question of Sport. He is also the author of 'Dan Walker's Thronkersaurus: Football's Finest Tales' and 'Magic, Mud & Maradona'.

MEET THE HEADLINE SPONSOR

SIG Roofing is passionate about supporting the roofing sector and everyone in it, with our customer and their every roofing need at the very heart of our business. That's why we are so committed to supporting the incredible work that the NFRC do – here at The UK Roofing Awards and throughout the year – as they strive to ensure high standards of workmanship and sound business practice.



As the UK's largest merchant of pitched, flat and industrial roofing and cladding related products and services, we are committed to supporting the industry with a wealth of roofing products, quality customer service, knowledge and experience.

Our people at your side

Established for over 40 years - with branches throughout the UK from Inverness to Plymouth, our local branches and external business development teams are here to support with:

- Expert advice - Being local and having our customer at the centre of all that we do allows us to develop an in-depth understanding of the local area, our sector and our customer's needs - helping us to become an extension of the team.
- Incredible choice - In every branch you'll find a vast range of essential roofing products and a wide range of specialist items always in stock. We offer the most extensive range of industry leading roofing products available anywhere in the UK.
- Reliable delivery - We deliver the products you need, where and when you need them. Our specialist fleet provides 'just in time' deliveries in site appropriate vehicles, helping avoid site congestion, so you can get on with the job.

SIG Design Technology

From initial design right through to installation, we can help you design and build roofs that last, save energy and look great.

- Impartial design expertise
- Product and installation training
- Accredited contractor scheme
- Product and workmanship guarantees
- On-site and technical support

SIG Industrial Roofing

Access our expert industrial guidance on ranges, products and technical specifications.

- Matching - sourcing discontinued products, match profiles and colours
- Materials - identify products and quantities required
- Deliveries - so you get the quantities you need when you need them
- Advice & support - for technical and legislation

ONE Warranty

The unique and innovative ONE Warranty is a single package roof product warranty to support the build-up of the roof from batten to roof coverings.

The products' performance is covered for 15 years, at no extra charge. Easy to understand and even easier to use, this single package warranty means you only have to deal with one supplier for the goods, warranty registration and contact in the event of a claim.

Own Label

By working closely with our customers, we can identify when a product is needed and create product solutions to match these needs.

By only working with manufacturers that are well established and have a proven track record, we have created a number of product ranges:

- SIGA Natural Slate - Setting the benchmark in natural slate for roofing
- SIGA Heritage - Reproducing natural beauty, perfectly
- SIGnature Clay Tiles - Bringing together modern technology and the skills of traditional tile maker skills
- TIL-R - Pitched roofing products designed to meet your standards of usability, quality and price
- FIX-R - Flat roofing products designed to include everything from traditional techniques to modern product solutions

We aim to do business with integrity and professionalism; delivering real expertise and knowledge and we achieve this by only working with reputable manufacturers, ensuring our staff are trained to meet our customer's needs, and working with trade associations like the NFRC.

To find out more please visit www.sigroofing.co.uk or @SIGRoofing



together delivering
quality and excellence...
one industry

**HEADLINE
SPONSOR**

**THE ROOFING
AWARDS
2018**
HOSTED BY NFRC

SIG Roofing is passionate about working with our customers and the industry to deliver quality and excellence in roofing.

With over 120 branches nationwide we are here to support all of those involved in our sector as they strive to create quality roofs through:

- product supply and deliveries
- specification and designs
- training and accredited contractors
- warranties and guarantees
- associated roofing services
- technical and legislative advice

Here to be your partner of choice.

Visit your local **SIG Roofing** branch at one of over 120 locations nationwide or visit our website to find out more.



www.sigroofing.co.uk

PITCHED ROOFING
FLAT ROOFING
INDUSTRIAL ROOFING

"We are proud to again be the Headline Sponsor of this year's awards and celebrate how our sector delivers innovation, quality workmanship and roofing excellence."

INDUSTRY CHOICE

The Industry Choice Award, sponsored by Radmat Building Projects, joins several new categories for this year's awards. The Industry Choice Award is a unique opportunity for the construction industry to get involved by voting for their favourite finalist project via an online form.

Online voting officially opened at a press launch on the 7th March held at this year's ecobuild, and at its close on the 6th April amassed over 1,500 votes and a garnered a huge amount of interest across the major social media platforms.

INDUSTRY CHOICE

SPONSORED BY



ROOF OF THE YEAR

Back for the second year, the Roof of the Year Award is the only category where entries cannot be submitted. Also known as the judge's choice, it provides the awards Judges with the opportunity to select a category winner that they feel deserves additional recognition.

The first company to win this additional accolade was Rowlands Roofing, working with Monier Redland on Quintain House, which later went onto win an International IFD Award for Pitched Roofing.

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LOCAL HERO SPONSORED BY



The UK Roofing Awards is not just about celebrating the best in roofing, the awards also look to recognise the those individuals, who go above and beyond to get a job done or in the case of this year's new award 'Local Hero Award' to support their local community. The search to find the UK's 'unsung' local heroes within the roofing profession began back in March with NFRC teaming up with the headline sponsor SIG Roofing to recognise some of the great achievements of the roofing community that often go unheard.

SIG Roofing Marketing Manager, Janine Brady, said: "As the leading specialist supplier of roofing products and services, the staff in our branches in Dudley get to regularly hear about some of the fantastic things that their roofing contractor customers get up to that so often get overlooked.

"They hear about contractors raising money for charities and other good causes, about those who give up their spare time to work on community projects or to help young people and those in need.

"There are a lot of excellent amazing people working in roofing that do a lot of good things for others and that is something we really want to help draw attention to and to celebrate. And what better place to do it than at the UK Roofing Awards, one of the pinnacles of the roofing year.

"The Local Hero award will bring an extra dimension to the awards and will allow us to showcase both the excellent standards of roofing projects completed each year and the way roofers work so hard to help those in need."

Numerous nominations were received, each detailing the amazing work undertaken by individual roofing contractors around the UK. While there can only be one winner on the day, these once-untold stories will not go unrecognised.



UK ROOFING AWARDS JUDGES



Matthew Downs – Awards Adjudicator **Editor, Total Contractor**

After completing a degree in journalism, Matt has been working in trade journalism for close to two decades with the majority of this time spent editing and writing for titles within the construction sector. Matt has spent the past decade editing and writing from within the roofing sector and recently co-launched Total Contractor magazine, a monthly magazine for contractors working in the roofing, cladding and insulation sectors, with Co-Director Andy Dunn.



Dr P Blackmore, BSc, PhD, FRMetS, CEng, MStructE, MICE **Associate Director, Fire and Building Technology Group** **for and on behalf of BRE**

Paul is an Associate Director at BRE (Building Research Establishment). He is a Chartered Structural and Civil Engineer. Paul specialises in wind loading and weathertightness of buildings and is a member of several British and European standards committees, including BS EN 1991-1-4 and BS 5534.



Emma Clancy **Chief Executive, Certsure LLP**

Emma Clancy is the Chief Executive of Certsure LLP, a leading UKAS accredited certification provider to the building services industry. Emma was instrumental in creating Certsure by bringing together key bodies in the electrical industry to create a unique not for profit organisation. Emma is currently serving her second term on BRAC (Building Regulations Advisory Committee) and is a founder member of the Consumer Protection Alliance.



Dusty Gedge **Public Speaker, Green Infrastructure Professional,** **Wildlife Specialist**

Dusty 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, and is a working group member of the EU GI and Ecosystem Services working group.



Barry Turner **Director of Technical Policy, LABC**

Barry joined LABC as Director of Technical Services in October 2006 and is now responsible for Technical Policy, representing LABC and local authority building control on many government initiated working groups, together with committees and other industry advisory groups.



Jenny Herdman

**Director, Home Building Skills Partnership,
Home Builders Federation**

Jenny Herdman joined the Home Builders Federation (HBF) in August 2016 to lead the Home Building Skills Partnership. The partnership will lead on attracting new entrants into the industry, and provide focussed training to develop the qualified workforce needed to construct today's high quality new homes. At the UK Commission for Employment and Skills she led the team advocating employer collaboration on skills development of their collective work.



Duncan King

Technical Manager, CPA (Construction Products Association)

Duncan is the Technical Manager for the CPA, responsible for monitoring and interpreting UK and EU building and product regulations and standards. As the secretariat for the Association's Technical Committee, he is the principal liaison with the members to advise government, regulators, certification bodies and research bodies on those same regulations and standards. He is also responsible for editing one of the CPA's most popular publications, "Guidance Notes for the Construction Products Association".



Jon Vanstone

**Chairman of Competent Person Forum
& Trade Association Forum**

An experienced business leader and great communicator, Jon is also Delivery Director of RoofCERT, the roofing accreditation scheme being developed by NFRC in partnership with CITB. Jon has extensive involvement with technology solutions and business structures that help deliver to the regulated UK home improvement and construction sector. He is known throughout the construction sector as someone who develops new and innovative ways of market delivery and holds a number of influential non-exec roles.



Nigel Shapland BSc MRICS

Senior Technical Officer, NHBC

A Chartered Building Surveyor and Senior Technical Officer at the NHBC, a role Nigel has undertaken for the last 17 years. His job involves providing high level technical advice on all aspects of construction covered by NHBC Standards.

MURDOCH AWARDS

RECOGNISING EXCELLENCE IN LEAD ROOFING

Launched in 1996 in honour of Richard Murdoch, who helped found the Lead Contractors Association (LCA), the Murdoch Award celebrates the best in lead roofing. Winners are chosen by a panel of experts for their technical design and quality of installation, recognising specialist lead contractors for their dedication to craftsmanship.

The Murdoch Sponsors Award, sponsored by Associated Lead Mills which was launched in 2005, recognises the many smaller projects that get submitted, which demand as much detail and skill as larger projects.



MURDOCH AWARD



(L/R) The late Dick Murdoch; Nigel Miles, Managing Director NDM; with Wayne Hall, Project Manager NDM and Mike Hempstock, LCA Chairman.



Murdoch Award Winner: NDM Metal Roofing & Cladding Ltd with Chatsworth House, Derbyshire



Second Place: Full Metal Jacket Ltd with Islamic Galleries, British Museum



Third Place: Norfolk Lead Sheet (UK) Ltd with New Manor House, Norfolk

MURDOCH SPONSORS AWARD



(L/R) Mike Hempstock, LCA Chairman; Steve Hempstock, LCA; and Alan Barker, ALM



Murdoch Sponsors Award Winner: Leadwork Contracts Ltd with Sotheby's, London



Second Place: Webb Roofing Solutions Ltd with Lewis Crescent, Brighton



Third Place: Norfolk Lead Sheet (UK) Ltd with House Porch, Norfolk

Finalists

ROOF SLATING



CLAUDE N SMITH LTD

Project Name: Marshals Yard Development

Location: Stamford, Lincolnshire

Project Description:

This project in a conservation area involved the installation of reclaimed Collyweston roof slates on four new roadside properties, with ridge tiles fixed using lime mortar to reflect surrounding houses. Storage was limited on this small site, so Claude N Smith Roofing dressed, drilled and parted the slates on their premises, delivering the slates as needed.

GREENOUGH & SONS ROOFING CONTRACTORS LTD

Project Name: Sion Cottage

Location: Marford, Wrexham

Project Description:

The natural slate roof was to be a major feature of this new property, which Greenough & Sons Roofing was achieved Del Carmen Slate. One challenge was a succession of small tightly huddled dormers surrounding the lower portion roof slopes, as well as a multitude of mitred hips and valleys.



ANDERSON ROOFING SERVICES LTD

Project Name: Grade II* Listed Building

Location: London

Project Description:

Unfortunately, the only tiles that Anderson Roofing Services Ltd was able to salvage were 50% of the building's ridge and hip tiles, some of which are thought to date from 1860. The curved bay was one of the roof's outstanding features but slight defects in the natural curve meant timber packers were required in certain areas to keep the slate true. 500 Penrhyn slates were used.

STORMFORCE ROOFING & MAINTENANCE

Project Name: The Boathouse **Location:** South Hams, Devon

Project Description:

Despite the difficulty of sourcing enough random diminishing Cornish Slate for the client, Stormforce Roofing were able to provide a similar look and feel by laying one size of slate according to careful grading. The team did this after weeks of sorting, grading and drilling the slate by hand so that they could separate the wider and thicker slate from the smaller thinner slates.



ROOF TILING



BRACKNELL ROOFING LTD

Project Name: Fair Mile Chapel

Location: Cholsey, Oxfordshire

Project Description:

Re-roofing this 19th century building involved Bracknell Roofing Ltd tiling its circular rear projection, which was deceptively complicated and meant re-homing the resident bat colony. Counters were surfaced before fixing Marley Eternit clay tiles of Ashdowne Aylesham mix on top of TLX Gold Breather membrane insulation. The tiles had to be painstakingly cut across the face for a precisely angled finish.

M&J GROUP

Project Name: Donisthorpe Primary School

Location: Leicester

Project Description:

To cause least disruption to the school, M&J stripped the existing roof and completed the felt and batten work during the summer holidays. The tired and leaking roof was replaced with a new and watertight finish, under budget but to a high standard of quality.



DAVIS ROOFING LTD

Project Name: Gorse Hill Infants & Junior School

Location: Swindon

Project Description:

These schools built in the Victorian era needed to be re-roofed in a way that was sympathetic with the rest of the buildings while being easy to maintain. Redland's Duoplain tiling and Ambi Dry Fix Ridge and Verge Systems were therefore chosen. Davis Roofing also re-pointed all brickwork elevations and 200sqm of re-pointing to the Stonework.

MONIER REDLAND LTD WORKING WITH DM ROOFING AND ROUGHCASTING LTD

Project Name: Shettleston New Parish Church

Location: Glasgow **Project Description:**

As with all old buildings, this 'B' listed church posed a number of challenges for DM Roofing & Roughcasting, including keeping a mitred joint straight over 12m after Arris tiles used to the hips were replaced with mitred tiles and Code 4 lead soakers. Mock panels and level checks were carried out because the existing tile detail did not have battens, causing problems with the interaction between new tiles and stone wall. The bottom of the turrets had started rotting away so the sump was reconfigured.



HERITAGE ROOFING



GEOFF NEAL (ROOFING) LTD

Project Name: The Retreat

Location: York

Project Description:

The Retreat is a specialist mental health care provider located in a Grade II listed building dating from 1796. Geoff Neal (Roofing) Ltd stripped the original Westmoreland slate and associated leadwork, salvaging what they could and re-slating with nine tonnes of reclaimed Westmoreland slate in traditional diminishing courses, all the while ensuring the safety of patients.

ELLIS AND COMPANY (RESTORATION AND BUILDING)

Project Name: Tredegar House **Location:** Newport

Project Description:

Ellis and Co (Restoration and Building) repaired the slate roofs, chimneys and windows of Tredegar House, a Grade I listed 17th Century stately home managed by the National Trust. A temporary roof had to be installed to make the building watertight during the repair of the historic timber roof, which was then insulated and slated with around 10,000 new Dalebole tiles made from Welsh slate.



ROWLANDS ROOFING LTD

Project Name: Llwyn Celyn **Location:** LLanvihangel Crucorney

Project Description:

This Grade I listed building is regarded by Cadw Welsh Historic Monuments as one of the finest surviving medieval Hall Houses in Wales. Rowlands Roofing carried out extensive renovation of the random diminishing stone tiled roof as part of the creation of £4.2m Lottery-funded educational and exhibition space. The existing tiles were sympathetically re-instated following structural repairs, with new tiles sourced from a local quarry, with BS 5534 used to calculate the correct head-lap and side-lap on this exposed site.

CLARKE ROOFING SOUTHERN LTD

Project Name: St Peters Hamsey

Location: Lewes, East Sussex

Project Description:

This Norman church, listed in the Domesday Book and located just north of Lewes, required substantial timber repairs. Clarke Roofing stripped and salvaged the original tiles for re-use on one side of the main elevation, with new Aldershaw clay tiles used on the opposite side. The team had to ensure they didn't disturb the resident long eared bats.



GREEN ROOFING



BRIDGMAN AND BRIDGMAN LLP

Project Name: Fjordjus

Location: Isle of Harris

Project Description:

Bridgman & Bridgman battled the elements to design and install a green roof system on this timber-framed house with 30 degree pitched roof. Located on the west coast of this Outer Hebridean island, the green roof needed to withstand Atlantic storms, with winds of up to 120mph and high sea salt levels.

BAUDER LTD WORKING WITH EJ ROBERTS ROOFING LTD

Project Name: Clapham Park **Location:** London **Project Description:**

This residential project combined a biodiverse green roof and solar PV technology to gain maximum BREEAM credits and generate electricity for 10% of the accommodation. The Bauder Wildflower Blanket was installed over its Bituminous Membrane and root-resistant capping sheet, with Bauder BioSOLAR mounts securing the PV arrays using the green roof substrate and vegetation. The project schedule meant the roof could not be established until the spring of 2017, but a mix of seed, tackifier and mycorrhizal fungus maximised germination, while the shaded and sheltered areas attract a broader range of wildlife.



ALUMASC ROOFING SYSTEMS WORKING WITH SPAN ROOFING CONTRACTORS LTD

Project Name: World War II Decoy Bunker

Location: Monmouthshire **Project Description:**

Tucked away in the rolling hillsides of Monmouthshire, the original bunker was built in 1941 as a decoy target for German bombers. Redesigned as a family home, the client wanted the bunker to blend into the hillside so Blackdown Green Roofs provided a system that provided maximum camouflage and durability against water runoff.

ALUMASC ROOFING SYSTEMS WORKING WITH BLACKDOWN GREENROOFS

Project Name: Chester Bus Station **Location:** Chester

Project Description:

A key feature of this U-shaped building is the 3,434sqm NatureMat sedum green roof supplied by Blackdown Green Roofs, which was installed over a Kalzip standing seam roof. Varied roof pitches of between 0-35 degrees, meant the team had to work closely with the designer and site teams to ensure quality on this complicated roof.



SHEETING & CLADDING / RAINSCREEN



MALONE ROOFING (NEWBURY) LTD

Project Name: Hungerford Fire Station

Location: Hungerford

Project Description:

The Royal Berkshire Fire & Rescue Service (RBFRS) wanted to refurbish this existing fire station into a distinctive building that meets the needs of modern firefighters. Malone Roofing achieved this with a careful installation of the concave and convex-curved red Kalzip façade and roof. The fire station will act as a pilot of similarly branded RBFRS fire stations.

PRATER LTD WORKING WITH BAILEY BUILDING ENVELOPE

Project Name: Fenwick Bracknell

Location: Bracknell

Project Description:

This high-end store features a perforated aluminium system with floating panels, developed by Prater in partnership with Bailey. This solution was a result of the client changing their mind (about a brick façade) late in the design process which meant Prater had a limited amount of time to design the alternative solution.



MAC ROOFING & CONTRACTING LTD

Project Name: Furness General Hospital – Maternity Unit

Location: Barrow-in-Furness **Project Description:**

Clinical practice and technology have moved on significantly in the past 30 years, and the current facilities needed a significant upgrade. MAC Roofing installed a complete external modular cladding system, with each panel weighing 128 kg, representing some of the largest that can be produced in the UK. The specially coated Alucobond Panels have different colours depending on the angle of the light.

LONGWORTH BUILDING SERVICES LTD

Project Name: Liverpool Life Services

Location: Liverpool

Project Description:

Longworth designed, supplied and installed the rainscreen façade for this research facility, partnering with Booth Muirie and Baileys to install the ACM and aluminium bullnose fascia and soffit systems, which included bespoke curved sections. The latest manufacturing technology and offsite construction techniques were utilised to ensure precise fitting.



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FULL METAL JACKET LTD

Project Name: The Royal Victoria Pavilion

Location: Ramsgate **Project Description:**

This derelict former Grade II listed concert hall, built in 1903 as the centrepiece of Ramsgate's sea front, was renovated to become the largest Weatherspoons pub in the UK. The most striking feature of the building is its zinc roof, comprising a crown and mansard roofs, which Full Metal Jacket re-established, along with 10 circular dormer windows. The original design features had to be maintained, while incorporating up-to-date ventilation details.

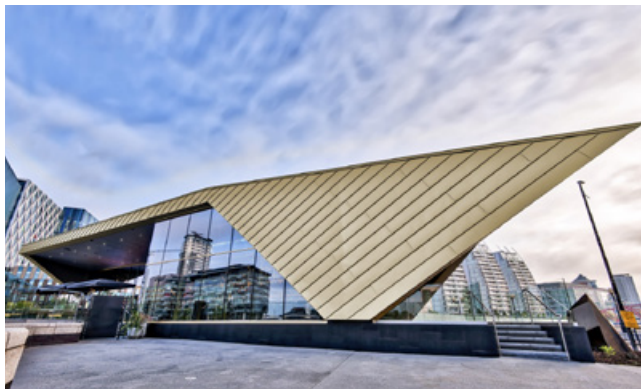
LONGWORTH BUILDING SERVICES LTD

Project Name: NHS Dumfries and Galloway Royal Infirmary

Location: Dumfries

Project Description:

Longworth overcame severe weather and steep pitches to successfully design and install the NedZinc Nova Protec roof and cladding. It was also the first project to use Kingspan Quadcore as a substrate for zinc in the UK. The steep roof pitch required timber ridge battens using bespoke loading tests with SFS fixings to provide a safe hook on points for NedZinc operatives.



LONGWORTH BUILDING SERVICES LTD

Project Name: The Bund

Location: Salford

Project Description:

Longworth partnered with SIG Zinc & Copper to install the stunning eZinc Rainbow Gold Protec cladding for a new restaurant in the heart of Salford Quays. Longworth collaborated with Reid Architects using the latest 3D software to design and construct the building's complex angular polyhedron shape.

RICHARDSON ROOFING LTD

Project Name: Lawn Tennis Association

Location: London

Project Description:

Richardson Roofing Ltd re-designed and installed a new zinc covering to the main roof of the national Tennis Centre to replace the original defective roof. The design was improved by introducing a vented air path, with a single ply membrane used in areas of the roof that were too shallow for zinc.



LEAD ROOFING



CLARKE ROOFING SOUTHERN LTD

Project Name: The Old Library, Canterbury Cathedral

Project Location: Canterbury

Project Description:

Clarke Roofing was tasked with renovating the lead roof and oak substrate deck, which had been damaged by extensive carbonation and moisture. The deck was replaced by English oak and existing lead was recast for re-use, with a stainless-steel gutter clad in Code 8 lead. Health and safety was of a particularly high priority because of the significant amount of carbonated lead.

NRA ROOFING & FLOORING SERVICES LTD

Project Name: 55 Colmore Row

Location: London

Project Description:

NRA Roofing & Flooring installed the lead and zinc cladding over 40 barrelled and angled stone dormers, plus hot-melt on the main roof and balconies as part of Morgan Sindall's refurbishment of the Grade II listed building, which occupies one of the one of the most prominent positions in Birmingham city centre.



NRA ROOFING & FLOORING SERVICES LTD

Project Name: Lawrence Sheriff School

Project Location: Rugby

Project Description:

This Grade II listed school bell tower was restored by NRA Roofing & Flooring. The timber was stripped down to the bare structure, with the spinals replaced with solid oak and the lead re-instated to the original design using the new modern fixing methods.

FULL METAL JACKET LTD

Project Name: British Museum – Islamic Galleries

Location: Bloomsbury, London

Project Description:

The original roof had been laid in lead but substituted with copper in the 1960s, so when the roof covering needed replacing, the museum decided to return it to its original lead design. Full Metal Jacket LTD (FMJ) renewed the timber, incorporating drips and ventilation, before fitting 45 tonnes of new lead of 7, 8 and 9 Code thickness supplied by Associated Lead Mills. The roof consists of several main flat roofs, each of the roll ends bossed and dressed by hand. New lead gutters were fitted with sumps and the rainwater pipe connections formed at FMJ's workshops.



SINGLE PLY ROOFING



DANOSA UK LTD WORKING WITH INDUSTRIAL CONSTRUCTION (SUSSEX) LTD

Project Name: Royal Russell School **Location:** Croydon

Description:

DANOSA supplied DANOPOL single ply, with Alpha Profiles heat welded to the surface as a cheaper alternative to the zinc roof that had originally been specified. DANOPREN XPS was installed on the terraced area in an inverted application to provide superior compressive strength to support flagstones.

ITHACA ROOFING LTD

Project Name: Hawthorns Care Home

Location: Southampton **Description:**

This all-inclusive retirement complex has been designed to encourage activity and independence in its residents. The client wanted a high-quality roof to enhance the building's aesthetics and offer optimum, long-term protection. Ithaca Roofing installed Sika-Trocal's Type 'S' system to the building's two main roofs which total 2,300 sqm. The 1.5-metre parapets presented a challenge as each section had to fit precisely in order to create a crisp, uniform finish to the building's edges.



BAUDER LTD WORKING WITH PRIORITY ROOFING & CLADDING LTD

Project Name: Scoil Phadraig

Location: West Port, County Mayo

Description:

The client wanted to minimise visible but necessary cover strips without impacting on waterproofing integrity, which is particularly necessary given the building's location on the storm-battered west coast of Ireland. The pattern of the profiles works perfectly for the dimensions of the roof space.

RICHMOND ROOFING SINGLE PLY LTD

Project Name: Alderley Edge School for Girls - Gymnasium

Location: Cheshire **Description:**

The roof was in desperate need of repair and pressure was high to complete the work during the summer holidays, while also achieving a superior aesthetic finish that imitated a zinc roof. An added challenge were the large amounts of asbestos, which had to be carefully removed. With zinc dismissed due to time and cost, Sika Sarnafil membrane was chosen for its ability to achieve the desired finish using décor profiles within the allotted time.



LIQUID APPLIED ROOFING & WATERPROOFING AND HOT-MELT



EVERLAST GROUP

Project Name: Rochdale Exchange Car Park

Location: Rochdale

Description:

WestWood Wecryl 242 mortar was used to repair the damaged asphalt of this car park, which was located on the shopping centre roof, resulting in an improved finish and resolving ponding issues. A phased programme of work was devised so that the car park could remain operational.

SIKA LIQUID PLASTICS WORKING WITH PERMICOAT LTD

Project Name: Lancaster University Chaplaincy

Location: Lancaster

Description:

This building, constructed in 1969, features three circular roofs, with a three-pronged spire that was suffering from water ingress but needed to remain operational during the refurbishment. Sika Liquid Plastics' Decothane Ultra was used to provide a robust and long-lasting waterproofing solution.



POLYROOF WORKING WITH SARNIAN ROOFING LTD

Project Name: The Little Chapel **Location:** Guernsey **Description:**

The Little Chapel was built in 1914 and at 4.87m by 2.74m, is believed to be the smallest functioning chapel in Europe, if not the world. The asphalt roof finish, which after 30 years had begun sagging, cracking and leaking, needed to be replaced. Following structural repairs of the clay roof, a concrete screed was applied before the whole roof was encapsulated with a Polyroof Protec System, chosen for its lasting waterproofing capabilities. A quartz sand decorative finish complemented the seashells, pebbles and broken china mosaics adorning the building.

PRATER LTD WORKING WITH RADMAT BUILDING PRODUCTS

Project Name: Bloomberg London

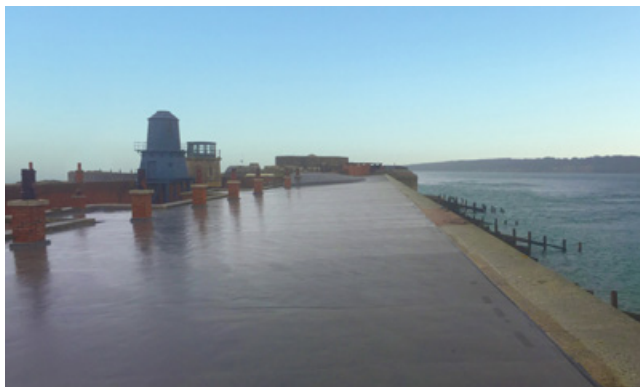
Location: London

Description:

Bloomberg's new European headquarters is the UK's largest stone project in over 100 years and has the biggest overall hot melt waterproofing footprint. Prater applied oversized pitch pocket waterproofing to the truss columns and diagonal bracing, with finishes extending up 600mm to provide thermal efficiency.



MASTIC ASPHALT



IKO PLC WORKING WITH INFALLIBLE SYSTEMS LTD

Project Name: Hurst Castle **Location:** Lymington

Description: Located on a shingle spit of land jutting out into the Solent, accessing this 15th century castle was always going to be a challenge, involving a tractor and ferry. The project involved the repair of 5,000sqm of mastic asphalt, involving concrete repairs to structural cracks and 150 tonnes of sand and cement screed under 300 tonnes of IKO Permaphalt and detailing, including to upstands, downstands, vertical, capping, drips and gutter.

SUSSEX ASPHALTE LTD

Project Name: Bodiam Castle – North West Tower

Location: East Sussex

Description:

The north-west tower of this 14th century moated castle needed to be repaired using mastic asphalt to provide a seamless, robust, easily maintainable, and long-lasting covering that could withstand the elements. Sussex Asphalte installed a wide-angle fillet that could support its own weight because Heritage England would not allow a chase to be cut.



IKO PLC WORKING WITH SUSSEX ASPHALTE LTD

Project Name: St Paul's Cathedral **Location:** London

Description:

Constant exposure to the weather had led the asphalt over the Stone Gallery to deteriorate, causing water ingress and damage to the artwork inside the Dome. Sussex Asphalte cleaned and re-fitted iron grills to the central gutter, with new asphalt applied using a specially-fabricated gutter template as a guide. Other work involved adjustments to the rainwater outlets to improve drainage, and vertical upstands into a chase, including a double angle fillet around the Gallery's circumference.

BRIGGSAMASCO

Project Name: New Covent Garden Market

Location: London

Description:

BriggsAmasco applied a new Flexiphalte waterproof carpark surface, working to the client's strict two-month programme. The team had to feed the asphalt to the upper car park decks, while tarmac was being laid inside, which meant having to alter the route of the asphalt luggers and the hot charge tanker on a daily basis.



REINFORCED BITUMEN MEMBRANES



IKO PLC WORKING WITH RUSSELL TREW LTD

Project Name: Highgate Wood School

Location: London **Project Description:**

This project had wide-ranging detailing factors to overcome, with cladding abutment details and change in levels needing to be redesigned into a system that also drained the roof areas of their historic high levels of standing water. The roof was installed without disruption to the school's operation and the team implemented Safe2Torch best practice.

LANGLEY WATERPROOFING SYSTEMS LTD WORKING WITH OPUS WATERPROOFING SOLUTIONS LTD

Project Name: Girdlestone Estate **Location:** London

Project Description:

Successive repairs to a roof installed in the 1990s had failed to resolve a leak problem that had saturated the mineral wool insulation throughout the void. Langley Waterproofing Systems designed and manufactured a completely new roof, with the tapered insulation, rooflights, outlets and drainage calculations based on assumptions from one of the residential blocks.



M&J GROUP

Project Name: MTV Studios

Location: London

Project Description:

M&J overcame the complex nature of this roof, which include slopes of up to 22 degrees, plant that could not be disconnected, long gutter areas with poor falls and areas with a high fire risk. As MTV's main studio for the whole of Europe, minimising disruption was paramount and achieved through a phased approach.

RICHARD SOAN ROOFING SERVICES

Project Name: Lacy House

Location: Chichester

Project Description:

Richard Soan Roofing Services re-roofed approximately 1,800sqm of the horizontal, and relined the existing mansard perimeter gutters after previous remedial work had failed to solve severe ponding. In addition to laying the roof system according to Safe2Torch best practice, the team replaced the rooflights, fitted new vent cowls to soil and vent pipes, and new rainwater outlets.



SMALL SCALE PROJECT (UNDER £25K)



POLYROOF WORKING WITH SARNIAN ROOFING LTD

Project Name: The Little Chapel **Location:** Guernsey

Project Description:

At only 4.87m by 2.74m, the Little Chapel is believed to be the smallest functioning chapel in Europe, if not the world. The 30-year-old asphalt roof finish had begun sagging, cracking and leaking and following structural repairs of the clay roof, the whole roof was encapsulated with a Polyroof Protec System. A quartz sand finish complemented the seashells, pebbles and broken china mosaics adorning the building.

LONGWORTH BUILDING SERVICES LTD

Project Name: Richmond Road

Location: Skeebby

Project Description:

This two-storey extension, combines elZinc Slate®, a pre-patinated matt grey zinc covering, with Armourplan single ply installed by Longworth. The elZinc Slate® was hand formed on-site and installed using traditional tools. The bespoke glazed daylight units were dressed and weather-sealed using Armourplan, with the zinc detail for the sunken roof lights requiring high levels of skill.



POLYROOF WORKING WITH CURE ROOFING LTD

Project Name: Rose Cottage **Location:** Sheffield

Project Description:

The client wanted a roof that had the same visual impact but at a lower cost in keeping within their strict budget. The Polyroof alternative, which was installed by Cure Roofing Ltd, not only brought cost savings, but is lightweight, totally seamless and pigmented with RAL 7016 to provide an anthracite grey colour, faithfully simulating the appearance of contemporary zinc roof sheets.

ECLIPSE ROOFING & WATERPROOFING LTD

Project Name: Imagine – 126 Panorama Road

Location: Poole **Project Description:**

Named because the house had been bought by John Lennon for his aunt, this project involved the installation of a two-layer system comprising Soprema vented underlay and Optima mineral cap sheet to the main existing flat roof. A more visually impressive Soprema Alsan pmma resin finish was applied to the lower flat roofs of the new extension, matching the windows and trims.



LARGE SCALE PROJECT (OVER £250K)



LONGWORTH BUILDING SERVICES LTD

Project Name: NHS Dumfries and Galloway Royal Infirmary

Location: Dumfries

Project Description:

Longworth overcame severe weather and steep pitches to successfully design and install the NedZinc Nova Protec roof and cladding. It was also the first project to use Kingspan Quadcore as a substrate for zinc in the UK. The steep roof pitch required timber ridge battens using bespoke loading tests with SFS fixings to provide safe hook-on points for NedZinc operatives.

NRA ROOFING AND FLOORING SERVICES LTD

Project Name: 55 Colmore Row

Location: London

Project Description:

NRA Roofing & Flooring installed the lead and zinc cladding over 40 barrelled and angled stone dormers, plus hot-melt on the main roof and balconies as part of Morgan Sindall's refurbishment of the Grade II listed building, which occupies one of the one of the most prominent positions in Birmingham city centre.



PARTNERING CONTRACTORS ROOFING LTD

Project Name: New Bracken House **Location:** London

Project Description:

As part of McLaren Construction's refurbishment of this Grade II listed London office, Partnering Contractors Ltd renovated the copper copings and reinstated the full perimeter gutter using a liquid waterproofing system, all in keeping with stringent conservation requirements that included height restrictions with a 3mm tolerance. A 150m roof-top running track was also installed around a glass skylight, with Kinley Terrafina composite decking providing a flat walkway over plinths of varying heights.

ALLIED ROOFING & CONSTRUCTION LTD

Project Name: Urmston Grammar School

Location: Urmston, Manchester

Project Description:

Allied Roofing & Construction Ltd acted as main contractor for this project, which included the stripping and re-roofing of 2,450sqm of random and diminishing course Westmorland Green slates, with the school being fully operational throughout the contract. Complicated detailing included mitred hips and lead valleys, with a dry vented ridge system used for minimal future maintenance.



INNOVATION



BRIGGSAMASCO

Project Name: Lloyd BMW Car Park

Location: Carlisle

Project Description:

BriggsAmasco used its Flexiphalte Finisher to lay watertight surface on this 8,000 sqm double-deck car park in two months despite poor weather. Flexiphalte Finisher can lay 90 tonnes of asphalt per day, five-times the amount a traditional hand-lay process and so was able to cause minimal disruption to BMW's operations and also health and safety risks associated with installation.

BAUDER LTD WORKING WITH E J ROBERTS ROOFING LTD

Project Name: Clapham Park **Location:** Lambeth, London

Project Description:

Bauder BioSOLAR is an integrated solution for mounting solar PV arrays on green roof where the substrate and vegetation provide the ballasted installation mechanism. This removes the need to penetrate the waterproofing to secure the PV installation. The front edge of the PV panel is set at around 300mm above the level of the substrate, which allows liberal growing room for the extensive vegetation without blocking light.



DANOSA UK LTD WORKING WITH COUNTY FLAT ROOFING UK LTD

Project Name: Oat Earrish Farm

Location: Devon

Project Description:

A key feature of this eco-home in Devon's Blackdown Hills is its curving roof made of a mosaic of glass, solar panels and 4,600 wood panels that envelope the curved building, which is integrated into a wildflower meadow. DANOSA's single ply membrane to accommodate all the building's curves, with integrated fixing points to secure various roof panels.

AXTER LTD WORKING WITH TILBURY CONTRACTS LTD

Project Name: Dylon Works **Location:** Lower Sydenham, London

Project Description:

This residential development on the site of a former textile dyeing factory, includes green roofs and a 0.7-hectare blue roof, is one of the largest in London. Energy efficiency and flood resilience lie at the heart of this roofing project designed and delivered by Axter. For example, the blue roof design is based on climate modelling over a 300-year period to predict peak event rainfall, with extremely high levels of insulation achieved.





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