



THE ROOFING AWARDS 2016

WINNERS

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THE ROOFING AWARDS 2016

Time for Celebration...

Thank you to all that attended today's event hosted by BBC business journalist, Steph McGovern and overseen by the voice of the lottery Alan Dedicoat.

We wish a hearty congratulations to this year's winners and to the finalists - you have produced some of the best work and projects within the roofing industry and can truly hold your heads high.

On behalf of the hosts I would like to record how proud we are of the superb work being undertaken by members, highlighting the importance and vitality of the roofing industry.



*James Talman
on behalf of the Roofing Awards Hosts*

We would also like to thank all those who took the time to enter and I would encourage all companies that perhaps have never done so before to consider entering; online applications for 2017 will be open from 1st June - and we hope to celebrate with you in May 2017.

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Project Name: The Pod

Location: Cockfield, Suffolk

Project Description: Windmill conversion to accommodate additional living space.



Main Materials Overview:

- 220 m² - 0.7 mm Rheinzink Pre Patina Blue Grey
- 120 mm Linitherm PGV Flex Insulation
- Alutrix Vapour Control Layer

Project Highlights

- Standing seam panels were installed at a 60 degree angle in order to achieve something unusual on a 3 dimensional structure with 'in line' lap lock joints at 1.5 m centres.
- Due to the pods' continually changing shape, the curvature of the standing seam panels changed not only from panel to panel but each side of each panel changed due to the continually increasing or decreasing radius of the pod.
- Each panel had soldered lap lock joint at its base and the standing seam panel clips were installed at 250 mm centres due to the exposure to wind and rain.



Finalists

- Longworth Building Services Limited (Selby Leisure Centre)
- Longworth Building Services Limited (Galashiels Transport Exchange, Selkirkshire, Scotland)
- Longworth Building Services Limited (Unite the Union, Stoke on Trent)



Met-Clad Contracts Limited

Project Name: Friars Walk Development

Location: Newport, Gwent

Project Description: Regeneration of existing office block and car park into new town development.

Main Materials Overview:

- Kingspan Benchmark hook-on cassette cladding in 3 mm thick PPC aluminium
- 120 mm Kingspan Benchmark Karrier Panel Systems
- Euroclad 0.9 mm VieoZinc
- Fixings supplied by Hilti and Fixfast

Project Highlights

- Mix of red glaze terracotta panels and black ceramic granite rain-screen tiles in 4 mm ACM rain-screen and Corium brick slip system over composite wall panels.
- Contractor was responsible for the seamless integration between the glazing and cladding interfaces.
- The car park saw the use of a bespoke 'gold' aluminium rainscreen and perforated cladding.
- Site logistics were extremely challenging due to the town centre location, with materials needing to arrive via timed system of loading, minimal site storage also required excellent planning and management.

Finalists

- T.A. Colbourne Ltd (Land Rover Ben Ainslie Racing Team HQ)
- Lakesmere Ltd (University of Strathclyde Technology and Innovation Centre)
- Lakesmere Ltd (First Street, Manchester)





KGM Roofing

Project Name: Marshgate Drive

Location: Hertford

Project Description: Installation of standing seam roofing to 3 blocks of flats.



Main Materials Overview:

- Kalzip Standing Seam Roofing System
- SFS intec Fasteners

Project Highlights

- Complex tapered, curved and vertical system installation of the Kalzip Standing Seam system over three housing blocks.
- Project included a challenging recessed windows and balcony surrounds which saw the contractor carry out complex 3D AutoCAD detailing and then the installation of the pre-fabricated bespoke frames.



Finalists

- Met-Clad Contracts Limited (AMRC Factory 2050, Sheffield)
- Euroclad (with Northern Cladding) (Hitachi Rail Europe, County Durham)
- Euroclad (with Weatherwise) (Ardley ERF, Oxfordshire)



John Brash & Co. Ltd (with Endeavour Roofing Contractors Ltd)

Project Name: Alexandra Gardens Care Home

Location: Hounslow, Middlesex

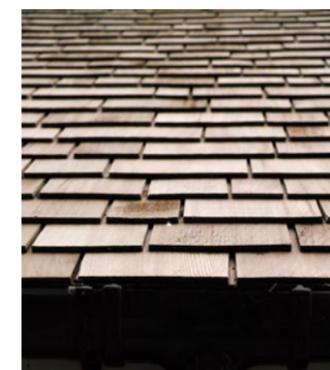
Project Description: Annex for new residential care home for young adults providing six single-storey apartments.

Main Materials Overview:

- Western Cedar Shingles

Project Highlights

- Shingles were chosen as an essential material as part of a wider objective to ensure the building blended in beautifully with its environment.
- It took the team of eight from Endeavour Roofing Contractors Ltd three weeks to install the 400 m² of shingles on the steep pitched roof.
- The 35 - 40 degree pitch meant that the contractors couldn't work in the usual way, instead they had to line up entire rows one at a time. Including negotiating six gables and two hips, and then nail them all into position and then do the same for the next row.



Finalists

- Annadale Roofing Limited (The Downs Crematorium, Brighton)
- John Brash & Co. Ltd (with Avonside Roofing) (Pilgrims' Cross CofE Aided Primary School, Andover)
- John Brash & Co. Ltd (with DM Roofing & Roughcasting) (Culzean Castle Country Park Cottages, Maybole)





Bauder Ltd (with Hodgson Sayers)

Project Name: Byker Wall

Location: Newcastle Upon Tyne

Project Description: Roof refurbishment and PV retrofit of Grade II listed housing estate.



Main Materials Overview:

- Bauder SOLfixx
- Bauder Total Roof System
- Bauder PIR 120 mm Insulation

Project Highlights

- £26 million refurbishment scheme to restore a Grade II listed housing estate that consisted of a continuous block of over 600 maisonettes located in the Byker district of Newcastle upon Tyne.
- Four of the ten housing blocks were then fitted with 132 PV Modules, enabling Byker Wall to generate at least 39.6 Megawatt Hours of solar power each year
- PV system was installed without any penetration of the waterproofing or roof deck, using a welded membrane-to-membrane technique, ensuring the integrity of the roof is completely upheld.
- A demanding aspect of the installation came from the district heating pipe, which runs the entire length of the roof but its exact path was unknown until the pitched metal roof was removed.

Finalists

- Forster Roofing Services Ltd (COPFS Ballater Street, Glasgow)
- Forster Roofing Services Ltd (Bellway, Cowdenbeath)
- Longworth Building Services Ltd (with Redsky Solar) (Florida House, Haydock)



Prater Ltd (with Radmat Building Products Ltd)

Project Name: Alder Hey Children's NHS Foundation Trust

Location: Liverpool

Project Description: £288 million project, which included the relocation of the hospital.

Main Materials Overview:

- Green roofing supplied by ABG

Project Highlights

- This first-of-its-kind project in the UK presented multiple and complex logistical and technical challenges for Prater including: Speed of installation to ensure the project was delivered on time
- The project posed a number of construction challenges such as the inaccessibility of certain areas of the roof and the need for a reliable waterproofing system suitable for green roof applications.
- Geotextile pockets (Erosaweb geocell) retains the growing media on the steep 45° slope faces.
- The ease of application also meant a safer process for those working on the less accessible areas of the roof.

Finalists

- BBS Green Roofing Ltd (with Western Flat Roofing Company) (Atlantic View Beach Cottages, Widemouth Bay, Cornwall)
- Axter Limited (with Elliotts Premier Roofing Ltd) (Centenary Quay, Woolston)
- ABG Geosynthetics Ltd (with FK Group) (Recycling and Energy Recovery Facility, Leeds)





IKO PLC (with Knight Asphalt)

Project Name: Westminster Cathedral

Location: London

Project Description: Existing asphalt removed and renewed with a cold roof system.



Main Materials Overview:

- Permaphalt - Formulated mastic asphalt roofing
- IKOpro High Bond Primer
- IKO Black Sheathing Felt

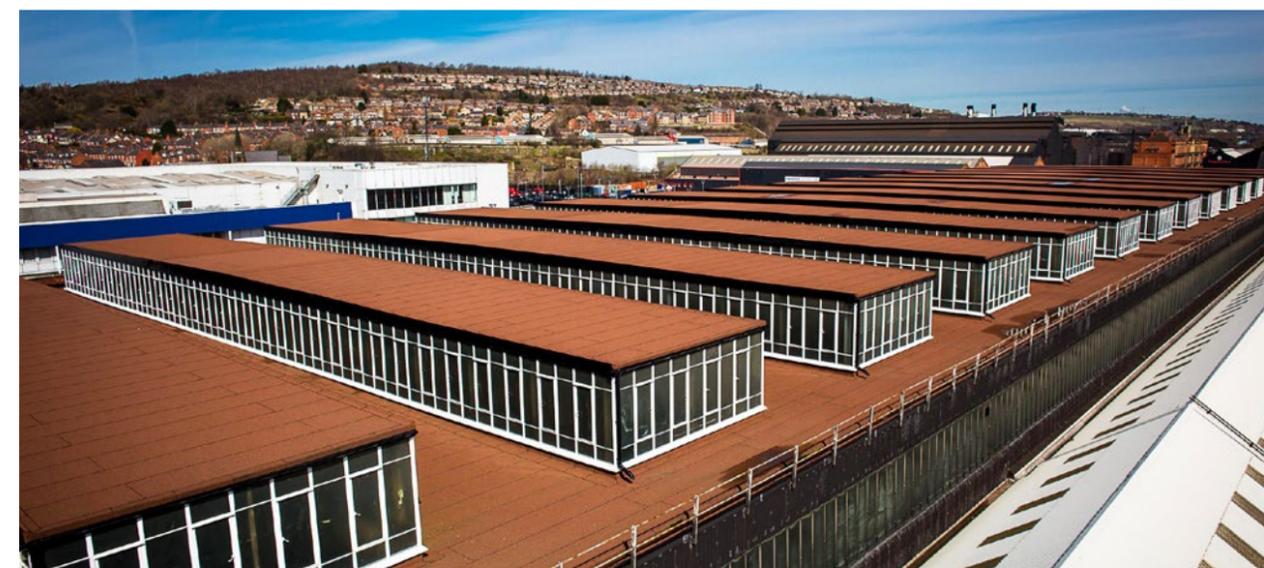
Project Highlights

- Project involved replacing 600 - 700 sq. ft of existing mastic asphalt on a Grade I, high-profile iconic building.
- A particular challenge of the project was the numerous slopes and curves on the roof, and steps leading up to the roof.
- The project required careful preparation and consideration of the internal decoration and the constant use of the building.
- The building had to remain weatherproof at all times so the contractor could only remove areas of existing waterproofing when they could be made watertight in the same day, including the provision of day joints.



Finalists

- Capital Roofing Co. Ltd (Douglas Building, London)
- IKO PLC (with Briggs Amasco) (British Museum, London)
- IKO PLC (with Survey Roofing) (Guildhall, Southampton)



Bauder Ltd (with Mitie Tilley Roofing Ltd)

Project Name: ROM Ltd

Location: Sheffield

Project Description: Phased refurbishment of a 9000 m² factory roof.

Main Materials Overview:

- Bauder Total Roof System
- Bauder 30 mm PIR FA-TE insulation insulation

Project Highlights

- Exposed location of the site, required robust wind uplift calculations prior to work taking place.
- One of the biggest challenges of the project was ensuring that there was no health and safety implications, especially given the extremely fragile state of the existing roof. Various control measures were put in place and managing the removal and addition of materials in a way that caused no weight loading problems.
- Highly toxic asbestos was discovered and required removal by specialists from an elevated and potentially dangerous working environment all within the confines of a fully operational factory.



Finalists

- Richard Soan Roofing Services (Greenway Academy, Horsham)
- M&J Group (Construction & Roofing) (Canadian Embassy, Bucharest)
- Central Roofing & Building (Dungeness B Nuclear Power Station, Kent)



Centaur Technologies Ltd (with Western Flat Roofing Company)

Project Name: South Cloisters Kitchen Roof, Exeter University

Location: Exeter

Project Description: Replacing existing asphalt roof.



Main Materials Overview:

- Centech PU 25 Waterproofing System
- Centech PIR Insulation
- Centech Triple Glazed Rooflights

Project Highlights

- 31 old and under-performing rooflights were removed, and replaced to substantially increase daylight.
- Numerous challenging details to overcome from the existing ducts and ventilation plant on the roof.
- New safety line system and freestanding edge barrier to allow for safe access to the roof for ongoing maintenance was installed.
- Project was completed within four weeks.

Finalists

- Sika Liquid Plastics (with Weatherwell Roofing) (Plas Heli, Welsh National Sailing Academy)
- Polyroof Products Ltd (with JR Flat Roofing Ltd) (Broughton and Yeamans House, Bristol)
- NRA Roofing & Flooring Service Ltd (with Triflex (UK) Ltd) (Victoria Centre, Nottingham)



Sika Sarnafil (with Contour Roofing)

Project Name: Ewart Grove

Location: Wood Green, London

Project Description: New build housing.

Main Materials Overview:

- Sika Sarnafil G410-15ELF Lead Grey with integral 300 g/m² polyester fleece
- Sika Sarnafil G410-15EL Lead Grey / S327-15EL flashings

Project Highlights

- Original specification called for a metal standing seam, however, an alternative solution was sought and a zinc replica profiles were used throughout, and PVC membrane adhered to radiused plywood.
- Complex design with triangulated tower and barrel vaulted main roofs.
- Project took installations to new frontiers and pushed the boundaries of what can be achieved in roofing. Sikalastic was used for the guttering when the space was just too tight for single ply.
- The job was completed by the contractor well within the 6-8 week time allowance.



Finalists

- Renolit Cramlington Ltd (with Cambridge Flat Roofing Ltd) (Prayer Hall, Woodland Cemetery, Cheshunt)
- Delomac Roofing (Dome Refurbishment, Center Parcs, Longleat)
- Danosa UK Ltd (with Imperial Contracts) (Tramways, Croydon)





Wienerberger (with Timby Traditional Roofing)

Project Name: Burgess

Location: Wellingore, Lincoln

Project Description: Re-roofing in clay Old English pantiles on a private dwelling.



Main Materials Overview:

- Sandtoft Clay Old English Pantiles
- Sandtoft Koratech Super Sandtoft Clay Plain tiles

Project Highlights

- Detailed plan was laid out to the placement of the skips, site toilets, and material delivery, even a route through the gardens to the access points on the scaffold.
- Every consideration was given to minimise disruption to the owner and at the end of each day time was allocated to spend time tidying up.



Finalists

- Marley Contract Services (2565 Dubford, Aberdeen)
- Forster Roofing Services Ltd (CALA Homes, St Mary's Garden, Perth)
- Forster Roofing Services Ltd (COPFS Ballater Street, Glasgow)



Timby Traditional Roofing

Project Name: Tait Gazebo

Location: Gainsborough, Lincolnshire

Project Description: Bespoke detailing for an oak framed garden structure.

Main Materials Overview:

- SIGA 39 Spanish Slate - 16x10 (main areas) and 20 x 10 (hips)
- Copper Nails
- Code 3 Lead

Project Highlights

- The unusual detailing of the project allowed the contractor to use the opportunity to provide additional training to two apprentices, who slated directly to sarking boards.
- Equal gauged the slates so that the bottom corner of the hip slates would meet the course of slates below, when they were laid up the length of hip.
- The flashings were fabricated on site and were also fitted by the apprentices.



Finalists

- Bracknell Roofing Limited (Asda Supermarket, Ware)
- J Wright Roofing Limited (Field of Dreams Cricket Pavilion, Nottingham)
- Apex Roofing & Maintenance (Sutlers House, Guernsey)



Karl Terry Roofing Contractors Ltd

Project Name: Shipley Farm

Location: North Elham, Kent

Project Description: New build reproduction medieval timber framed hall house.



Main Materials Overview:

- 25,000 Reclaimed, Graded Kent Peg Tiles
- Celotex Insulation Boards
- St Astier Hydraulic Lime
- 40 mm Alloy Peg Drops

Project Highlights

- Contractor supplied and installed the insulation boards between and over the rafters on 70 % of the roof.
- For the first time the contractor had to plane the back side of all the battens on the tile hanging to ensure the leading edge of the tiles sat completely perfect with the oak corner posts.
- Tiled the 'gables' rather than cladding in lead to replicate what had been done in medieval times.
- The rear barrel roof dormer was particularly difficult to tile around as it was less than 300 mm from the vertically tiled abutment.

Finalists

- AST Roofing (Bournemouth) Ltd (Chadesley Gate, Poole)
- Monier Redland (Edernish Island, County Donegal)
- Richard Soan Roofing Services (Ashtree Cottage, Lewes)



Karl Terry Roofing Contractors Ltd

Project Name: The Cloth Hall

Location: Smarden, Kent

Project Description: Complete re-roofing of all roof coverings on a Grade II listed property.

Main Materials Overview:

- Re-tiled with existing Kent Peg tiles and supplemented with 6,000 reclaimed
- 40 mm alloy peg drops
- TLX Gold Insulation
- John Brash Co. Ltd Red Battens

Project Highlights

- The roof was fully photographed before commencement of work to document all original roof details for historical record and for replicating the details.
- Where the sprocketed eaves over hung the building the contractor installed chestnut lathes and hung tiles with wooden pegs to retain an 'original' appearance.
- The canopy at the North end of the property had to be protected and was left unstripped until the end of the project because of nesting barn owls, which are a category 'A' Protected bird.
- The main chimney and the large chimney to the south side of the property were completely re-pointed and over 150 spalled bricks were cut out and replaced.

Finalists

- Richard Soan Roofing Services (Rectory Park, Horsmonden)
- Jordan Heritage Roofing Ltd (St Michael and All Angels Church)
- Mitie Tilley Roofing Ltd (Park Building, Portsmouth)



The Safety in Roofing Awards help promote a positive attitude towards health and safety amongst NFRC trade member companies. The information each company supplies is based on its health and safety training and accident statistics from 1st January to 31st December. The entries are then externally marked by an independent panel of experts and a selection are randomly audited. Members are then presented with either a gold, silver or bronze award at their Regional AGM. Members with the highest percentage scored nationally within the slating and tiling, sheeting and cladding and flat roofing disciplines received recognition at the annual Roofing Awards.



SLATING AND TILING

Company: Wensley Roofing Ltd

Location: County Durham

The business started in 1987 and has an excellent reputation built on a strong commitment to quality, training and customer service. The company provides a comprehensive range of roofing services including slating, tiling, leadwork, felting and liquid roofing.

FLAT ROOFING

Company: Stormforce Roofing & Maintenance Ltd

Location: Plymouth

Have been established since 1999, expanding from the application of built-up felt systems, mastic asphalt finishes, Slating and tiling to a range of systems and services to meet its clients requirements.



SHEETING AND CLADDING

Company: Industrial Construction (Sussex) Limited

Location: Lewes

Formed in 1992, a sub-contracting company specialising in supplying and fixing roof sheeting and cladding systems. Today, ICS operates nationwide and has provided solutions for projects within the commercial, leisure, retail, industrial, education and residential sectors.



HEALTH AND SAFETY CHAMPION

The winner of this award went to an individual who whilst working on the same petrol station as other contractors, put aside everything including how it could be perceived as interfering in others work, to stop a contractor who was not only risking their own lives but potentially putting members of the public in danger too.

Ben Orton from **Weatherproofing Advisors Ltd**, immediately stopped the contractor and proceeded to assist them in cordoning off the area, using his own van in the process to help prevent the sub-contractor from being hit by passing cars.

EXCEPTIONAL CONTRIBUTION TO TRAINING

This award is recognising the outstanding contribution of **Geoffrey Parkinson**, Regional Manager for NFRC Northern Ireland who has dedicated his career to roof training within his region. He has spent much of his time mentoring and coaching apprentices to compensate for the lack of roof training colleges and limited funding. Some of these apprentices have gone on to win and to represent the Region at National and International Roofing Competitions.

Geoffrey has been encouraging and supporting roofing employers with qualifying their workforce, completing the BS 5534 training. He is an incredible role model - well-known and well respected throughout the industry for his work and his achievements over the years. He has also been a great roofing industry ambassador amongst the university postgraduates, regional and national construction industry forums.





YOUNG LEADWORKER OF THE YEAR

Three finalists were shortlisted for the Young Leadworker of the Year 2016 award, following the final practical assessment which took place over four days at the LSA Training Centre in East Peckham in March 2016.

After submitting details of impressive leadwork they had previously produced, ten contestants were asked to install leadwork requiring extensive use of their technical skills on simulated roof rigs. The four judges, nominated by the Lead Sheet Association and the Lead Contractors Association, noted an excellent standard of work produced by each of the candidates. They concluded that **Tim Fuge**, a self-employed leadworker from Cornwall, was the worthy winner of the award.

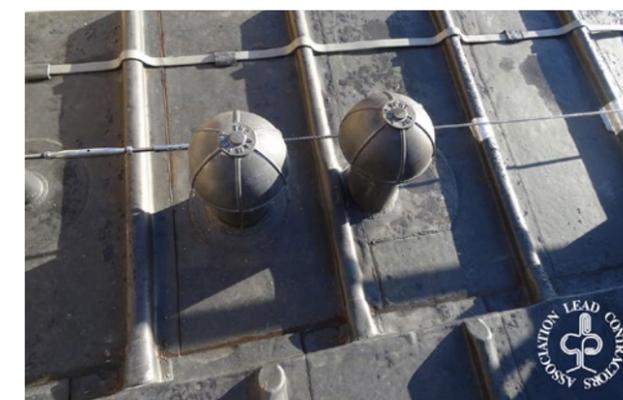


MURDOCH SPONSOR'S AWARD

Company: Leadwise Contracts

Project: Stormont Castle, Belfast

In a reversal of recent trends, lead sheet replaced a failing stepped tile design in a project that relied heavily upon close teamwork between the architect and the traditional crafts for this iconic landmark. Essential joinery work on the substrate was undertaken to a very high standard by Tracey Bros of Enniskillen, 110 sheets of Code 6 lead from Jamestown Metals were pre cut and installed onto the decking. This involved, among other things, using some 2,600 copper nail heads that were individually lead dotted.



MURDOCH AWARD

Company: Lead-Tech Roofing

Project: Rygar House, London

Design and workmanship was the key to the aesthetics of this large project set in the heart of Mayfair involving flat, pitched and vertical panels and working in partnership with the architect enabled design changes to be made to improve the long term integrity of the roof. Lead-Tech were appointed to install all the roof timbers and new code 6 lead sheet to the crown flat roof, as well as the 70° Mansard Roof and the vertical sections, which also included code 6 lead to dormers and associated flashings. The total project involved some 20 tonnes of lead sheet, supplied by Associated Lead Mills.

DO YOU HAVE THE NEXT AWARD-WINNING PROJECT?

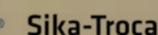


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