

ROOFING TIMES

ISSUE

14

UK ROOFING AWARDS 2023 SHORTLIST ANNOUNCED

UK ROOFING AWARDS 2023

FINALIST

NFRC

FOLLOWING A THOROUGH JUDGING PROCESS, THE SHORTLISTED PROJECTS FOR THE UK ROOFING AWARDS 2023 HAVE NOW BEEN FINALISED.

Tickets are selling fast.

If you want to attend visit <https://bit.ly/3Y71TfG> to check availability.

WINNER OF THE 2021 'ROOF OF THE YEAR' - Progressive Systems Ltd for Places Leisure Centre

THE SHORTLIST FOR THE 2023 AWARDS IS AS FOLLOWS:

BITUMINOUS HOT APPLIED LIQUID WATERPROOFING

The Spireworks - Roofworx (uk) Ltd

BR52 Amazon Swindon - BriggsAmasco

Great Western Hospital - Central Roofing South Wales Ltd

Heatherwood Hospital - MAC Roofing & Contracting Ltd

COLD APPLIED LIQUID WATERPROOFING

Pwll Nofio Bro Ffestiniog Swimming Pool - OBR Construction

Millstream East - Premier Property & Construction Ltd

Le Clos Maurant - Rateavon Ltd

Helix Student Accommodation - Tower Asphalt Ltd

FULLY-SUPPORTED METAL

Garden Playhouse - Clarke Roofing Southern Ltd

Private Residence, Chalfont St Giles - Install Zinc Ltd

All Stretton, Staffordshire - JTC Roofing Contractors Ltd

Blacknest, Ascot - Roles Broderick Roofing Limited

GREEN ROOFING

Elm Road - J Randall Roofing Contractors Limited

Jodrell Bank Discovery Centre - LRL Roofing Solutions

Attic Self Storage - Sky Garden Ltd

The Durley Environmental Innovation Hub - The Flat Roofing Company Ltd

HERITAGE

Sackville House - Clarke Roofing Southern Ltd

Castor Old Mill House - Claude N Smith Ltd

Derby Market Hall - Longworth Building Services Limited

St Marylebone Church - Mundy Roofing

LEADWORK

Kirby Farm Castle - Matt Timby Limited

Somerton Castle NE Tower - Matt Timby Limited

Mamhead House and Castle - NRA Roofing & Flooring Services Ltd

Drapers Hall - NRA Roofing & Flooring Services Ltd

MASTIC ASPHALT

Skypark Business Park - BriggsAmasco

Battersea Power Station - BriggsAmasco

The Dome - Oxley Asphalte Roofing Services Ltd

The Tower of London Yeomans Keys Club - R J Evans Flat Roofing Ltd

MULTI-DISCIPLINE PROJECT >£250K

The Christie Hospital, Macclesfield - Longworth Building Services Limited

Manchester College - Longworth Building Services Limited

St Sidwells Point - Massey Cladding Solutions Ltd

Elderswell Farm, Turvey - NRA Roofing & Flooring Services Ltd

RAINSOON FAÇADES

Lampwick Quay, Manchester - Longworth Building Services Limited

Swansea Arena - Massey Cladding Solutions Ltd

National Train Control Centre, Dublin - Roofscape Ltd

Barking Riverside Station - T A Colbourne Projects Limited

REINFORCED BITUMEN MEMBRANES

Buckingham Avenue, Slough - DCS Roofing Ltd

Burners Lane - M&J Group (Construction & Roofing) Limited

Torbay Mental Health Clinic - Progressive Systems Ltd

Launceston College - Progressive Systems Ltd

ROOF SLATING

St Luke's Church - Clarke Roofing Southern Ltd

Convent of Poor Clares of Arundel - SDS Roofing Services Ltd

Wyches Vineyard - SDS Roofing Services Ltd

Yellowsands, Thurlestone - Stuart Wheeler Roofing Ltd

ROOF TILING

Jane Austen's House - Clarke Roofing Southern Ltd

Stockport School - Fulwood Roofing Services

Solent School - Richard Soan Roofing Services

Private Residence, Stockport - RL Lovatt Roofing Contractors

SHEETING AND CLADDING

The Old Bakery in Rothbury - BRC Industrial Roofing (Midlands) Ltd

Middlebeck Primary School - KGM Roofing A Division of the Lindum Group Limited

Alexander Stadium - MAC Roofing & Contracting Ltd

Thatcher's Cider Warehouse 2 - Progressive Systems Ltd

SINGLE PLY

Tower House School - Capital Roofing Co Ltd

Valley Drive - Invictus Roofing Ltd

Bellingham Mews - Invictus Roofing Ltd

Hilton London Gatwick - Owlsworth Roofing Ltd

SMALL SCALE PROJECT <£25K

Cranley Road - CSG Contracts

The Riverside Pavilion - Emerton Roofing (Western) Ltd

Lindums Bay - Matt Timby Limited

Private Residence, Chorley - RL Lovatt Roofing Contractors

THANKS TO OUR SPONSORS OF THE NFRC UK ROOFING AWARDS 2023 FOR THEIR CONTINUED SUPPORT



Headline sponsor



FEEL GOOD INSIDE



Drinks Reception and After Party sponsor



WELCOME

We are pleased to be able to share the shortlist for the 2023 awards in this edition of Roofing Times. *You can find the full shortlist on the front cover of this issue!* Good luck to all those shortlisted and thank you once again to all those who are helping make the awards possible, particularly our sponsors **Radmat Building Products, Recticel Insulation, Bauder, BMI, Cromar Building Products, CUPA PIZARRAS, ICB, Keymer, Marley, Metal Solutions, Siderise, SIG Roofing and SIKA.**

As always, we are pleased to bring you a wide selection of different articles from our Supplier Members in this edition of Roofing Times. Our Supplier Members are made up of a whole host of different companies and this is reflected in the rich and varied content they submit.

Steve

Steve Laurence
National Account Manager—
Suppliers and Service Providers



SIMPLY THE BEST— HORRODS' HOT AIR RUBBER MELTERS



Safety Melt Series 4 (SMS4)



Rubber Melter Ashton

WJ HORROD produces a diverse range of products; the challenge is always to improve, innovate and provide a range that can produce the very best for new products and materials used within the roofing, decking and civil engineering industry.

Safety Melt Series 2 (SMS2) thermostat-control bitumen boilers provide rooftop safety for its customers when heating and laying bitumen, whilst the SMS4 and 5 are ideal for mobile jobs, providing an extra layer of safety as they have the anti-splash fixed lids system. Civil engineering companies use these on moving vehicles all the time.

Horrods' range of hot air rubber melters includes three-phase fully electric models. On jobs where propane is banned, these machines are able to provide the safety required.

The LPG propane gas-fired range, which is half-drum to five-drum capacity, is available by order only. However, a very popular range is available in Horrods' own hire fleet.

These machines provide an economical and reliable service when using hot rubber bituminous materials.

Whilst the SwiftMelt 500 kg mastic asphalt mixer is coming into its own with customers using Permascreed, the static model is used on projects above ground, roofs, with a towable model used on the nation's roads and highways, where they are contributing to repairing potholes, gullies, and iron work across the nation and beyond.

For further information please visit
www.wjhorrod.co.uk

CTF INSULATION—THE TECHNICAL EXPERTS

With insulation products in the construction industry under much scrutiny, it is important to collaborate with a company who can advise and design appropriate flat roof insulation systems to meet rigorous requirements.

CTF INSULATION has over 20 years' experience offering tapered and flat insulation design and supply to the roofing industry. Its expert team is on hand to provide design drawings, U-value calculations and interstitial condensation risk analysis.

It ensures compliance with both building regulations and BS 6229, with particular emphasis on minimum back stop U-value

requirements. As a totally independent organisation, CTF is able to offer impartial advice and supply the most cost-effective insulation solution, regardless of the potential design constraints.

A common restriction is minimal threshold heights on terraces areas requiring the use of vacuum panels. This is easily solved by using systems in the CTF Ultra VIP® range.

A1 non-combustible insulation requirement is on the rise and will continue to be so. CTF can offer its own 05 stone wool or 10 cellular glass systems, both available in flat and tapered options.

CTF IV3 cellular glass is its own agrément-certified, non-combustible insulation solution for inverted roof applications. As with all its inverted systems, the CTF k shield (WFRL) is included in the specification as standard.

Demand for traditional tapered insulation systems including PI and EPS is still relevant, with these products offering a cost-effective alternative to screed to falls and timber fittings.

For further details please visit www.ctfinsulation.co.uk email office@ctfinsulation.co.uk, or call 03332 0708700.

ONDULINE LAUNCHES NEW ONDUTISS® FACADE

ONDULINE, the lightweight roofing systems and waterproofing specialist, is delighted to announce the launch of its new vapour permeable wall membrane, ONDUTISS® FAÇADE 100.

With the introduction of the new Approved Document Part L on thermal efficiency, there is a greater emphasis on building more sustainable homes, as it calls for a 31% reduction in CO2 emissions for dwellings and 27% for all other buildings. Utilising walling membranes, such as ONDUTISS® FAÇADE 100, can make a real impact on these figures, and the product has been designed with this in mind.

As part of Onduline's popular range of ONDUTISS® membranes, ONDUTISS® FAÇADE 100 walling membrane consists of a layer of polypropylene layered between two sheets of non-woven polypropylene, making them vapour-permeable. This guarantees a breathable wall membrane that protects and insulates buildings against humidity, wind and condensation.

Supplied in roll form in a pleasing anthracite grey, ONDUTISS® FAÇADE 100 is a highly breathable house-wrap; it protects thermal insulation against damping, minimises heat loss and is UV-resistant.

Suitable for timber, concrete and steel framed constructions, it is ideal for use in both new build and renovation projects for houses, leisure buildings, timber buildings: leisure housing, stables, and other outbuildings.

For more information on ONDUTISS® FAÇADE 100 and Onduline's other lightweight, eco-friendly and durable roofing solutions, please visit www.onduline.co.uk.



ONDUTISS® FAÇADE 100

WELSH SLATE REOPENS ONE OF ITS QUARRIES

WELSH SLATE is re-opening one of its quarries to meet demand for its roofing slates.

Its quarry at Blaenau Ffestiniog, which ceased production ten years ago, will now restart, leading to the recruitment of more than 20 staff. They will help produce 25,000 roofing slates per week, rising to an anticipated 30,000 in the near future.

Roofing slates from Ffestiniog were used on such prestigious projects as Kings Cross and St Pancras railway stations. They were particularly popular in southern England and south Wales because their lighter weight meant they were more cost-effective to transport.

Ffestiniog roofing slates are blue grey in colour, with a finer grained texture which enables them to be split slightly thinner and in larger formats. Although their colour is very different to Penrhyn Heather Blues, the texture is similar.



For further information please visit www.welshslate.com.



1. Ffestiniog quarry 2. St Pancras railway station 3. Rijksmuseum, Amsterdam 4. Rotterdam, Stadhuis

The quarry's re-opening has required a significant investment by the company, which is part of the Breedon Group. Geotechnical mapping of the site identified suitable underground chambers with minimal overburden, which enables the existing mine roof to be removed to expose the slate pillar for extraction. The slate deposits identified are expected to last for the foreseeable future.

Commercial director, Michael Hallé, said: *"The reopening of Ffestiniog will improve the availability of Welsh Slate overall, with total output from the three quarries amounting to more than 100,000 slates per week."*

"There has been strong interest from merchants and roofing contractors in the UK and abroad, and we look forward to seeing Ffestiniog gracing roofs again."

LANGLEY BECOMES APPROVED TRAINING PROVIDER



Langley Training Services (LTS)—a new social enterprise within the Langley Group—has been endorsed by the UK Government as a training provider to deliver specialist apprenticeship training schemes directly to equip young roofers with future-proofed skills.

Government funding is available for Langley's Level 2 roofing apprenticeship. LTS has successfully registered as an approved apprenticeship training provider (RoATP) with the Education and Skills Funding Agency.

LTS is open to support eligible applicants aged 16 and above. Participants will include new trainees working for employers who require formalised core skills.

This development coincides with the broader organisation's social value strategy and values, SPIRE (Safety, Purpose, Innovation, Responsibility, Expertise), providing individuals with the skills required for the industry. As a result, Langley is creating solid foundations for the next generation through professional qualifications, quality, and standards.

According to net zero housing targets, more than 46,000 new skilled workers are required to meet the standard in the south east alone and according to NFRC's report, more than 50% of contractors experienced hiring difficulties during Q3 of 2022.

“ Training is an integral part of the Langley culture. We've earned an industry-renowned reputation for the delivery of high quality services to support our supply chain.

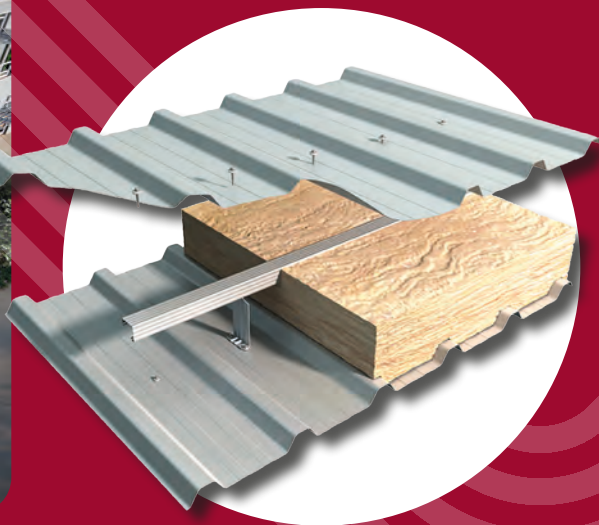
In addition, LTS is here to serve passionate school and college graduates, internal workers, and current industry professionals.

We're confident this apprenticeship facility will deliver a world of opportunity, as well as strengthen the national skills gap.

”

Neel Bidessie,
Director of Social Value and People Development

For further information, please visit: www.langley.co.uk



NEW SELF-SUPPORTING ROOF AND WALL SYSTEM IS LAUNCHED BY SIG

SIG Building Solutions has launched a warranted twin skin system called **Gemello**—a self-supporting roof and wall system consisting of a trapezoidal pre-finished steel liner and outer sheet with a **Class A1 non-combustible glass fibre insulation** in between.

Available for the roofing and cladding of steel-framed buildings, this new roof and wall system can be tailored to suit the aesthetic, acoustic, thermal, fire and loading requirements. The Gemello external profiles are available in an extensive range of colours, profiles and coatings, enabling designers to create visually-engaging buildings.

In addition, the Gemello system can provide U-values down to 0.12 W/m²K or lower, depending on the required performance. The design of a twin skin system also allows for denser materials to be used in its construction, improving acoustic sound reduction and rain noise.

A key feature is the Gemello system warranty which is flexible, providing warranty periods for 12, 25 or 30 years and covers all the components within the twin skin system and the system itself.

An extensive range of accessories is available for Gemello, including rooflights, gutters, flashings, fascias and cappings.

SIG Building Solutions provides customers with the technical expertise and a robust product to develop a bespoke, effective roof and/or wall system with minimum complexity.

Commenting on Gemello, Samantha Jones, SIG Building Solutions' Commercial Development Director, said:

"An exciting product development, Gemello is an example of the innovation and expertise that is made available by bringing our extensive manufacturing experience together in one dynamic built-up system offer."

For further information please visit www.sigbuildingsolutions.co.uk.

MAPEI PURTOP EASY GIVES RAPID RESULTS FOR RESAPOL

Construction chemical and building product specialist, Resapol, recently supplied products for a roof renovation in Leigh, Greater Manchester, at a site currently being renovated into a new bar/restaurant.

Using Mapei Purtop Easy waterproofing membrane system, the application was completed within just three days by contractor, Elite Construction & Property Services Group for the landlord, Vital Space.

Roof renovation works commenced following an initial site survey carried out by Steve Harrison from Resapol's Leigh-based technical team. During the visit, a number of criteria were identified, with the renovation requiring a high

performance, fast-track system that offered excellent adhesion and easy application.

Steve explained: *"I immediately thought of Mapei as the ideal manufacturer. Its range of waterproofing membranes stands out as they're really versatile and typically come as 'ready-to-use'."*

"They're also rigorously tested and backed up by extensive research and development, so they provide a guarantee of durability, quality and environmental sustainability for the constructions themselves."

Mapei Purtop Easy is a one-component, elastic polyurethane membrane with a coloured finish. Highly elastic and exceptionally durable, it is easy to apply horizontally or vertically and

guarantees substrates are fully impermeable and resistant to standing water, root penetration, foot traffic and temperatures from -40°C to +80°C.

For more information about Mapei, please contact info@mapei.co.uk or visit www.mapei.co.uk.





GARLAND UK REPORT REVEALS CHALLENGES FACED BY COMMERCIAL ROOFING INDUSTRY

GARLAND UK has published its first benchmarking report—**A View From The Top: Commercial Roofing Report 2023—**on the commercial roofing industry in collaboration with some of the UK's leading experts.

The report reveals the main challenges faced and shares expert advice, strategies and considerations to overcome them.

The UK roofing industry market value is currently expected to reach **£4.7bn in 2023**. Since 2015, the demand for flat roof systems has been the most significant influence on the market, accounting for **42% of total sales in 2020**.

However, with the cost of living crisis and inflation dominating the news agenda in 2023, not to mention the continuing effects of Brexit, labour shortages, the pandemic and the ongoing war in Ukraine, the roofing industry continues to face new and increasing challenges.

Nevertheless, the outlook for 2023 is that the industry remains resilient; in fact, many opportunities are highlighted indicating where estate teams and commercial landlords can take advantage and quickly realise the benefits.

Sustainable roofing design is trending, where systems that embrace a cradle-to-cradle approach with recycle, reduce and reuse

methodologies are being specified. Solar PV panels and thermal efficiency upgrades that reduce carbon emissions and gain control of reducing operational running costs are high on the agenda.

Investigative works at the earliest stages of a roofing project can reap significant savings. Long-term asset management is another positive trend, where preventative maintenance allows building portfolios to be managed cost-effectively.

The full insights report can be read at www.garlanduk.com.



TAPEREDPLUS has developed the innovative **ROCKDeck System**—a new, non-combustible insulation system that delivers greatly increased point load performance and is ideal for areas containing roof-mounted equipment that require non-combustible insulation below.

ROCKDeck is launched following collaboration with international insulation manufacturer ROCKWOOL.

TAPEREDPLUS LAUNCHES NEW ROOF INSULATION SYSTEM

It combines the non-combustible and dual density properties of ROCKWOOL insulation with its own ROCKDeck coverboard to produce exceptional results when tested to European standard EN 1606:2013.

Both products, when tested to BS EN 13501-1, achieve A2-s1, d0 or A1 fire performance classifications which is essential when a non-combustible performance specification is required for a roof's insulation system. Combustible coverboards have been available in the roofing market for some time but their use will unfortunately result in a combustible insulation system, even when used in conjunction with a non-combustible insulant.

The ROCKDeck coverboard provides added robustness to the insulation system, with its US manufacturers benefiting from the product being FM-approved across thousands of complete roof assemblies.

Aman Chahal, of TaperedPlus, said: *"We have developed long-term relationships with ROCKWOOL and use their products as part of our range of flat and tapered roofing solutions to achieve the highest quality results. However, we were seeking to solve a specific problem within the construction industry by giving our clients commitment on how a non-combustible insulation system can perform under point load."*

"Having had the idea, we consulted our partner manufacturers, and combined exceptional qualities to create a brand-new solution, ROCKDeck. It is already attracting a very positive reaction from architects and construction companies because it incorporates so many great qualities."

For further information please visit www.taperedplus.co.uk.

GLOBAL ROOFING CAMPAIGN AIMS TO INSPIRE YOUNG PEOPLE AND ADDRESS THE SKILLS GAP

McCormack Partners' #PeopleMakeRoofing campaign has drawn global support from roofing professionals who are passionate about addressing the misconceptions and stigmas associated with the roofing and cladding industry.

The campaign aims to inspire young people to choose roofing as a viable and rewarding career path and help address the skills gap issue that threatens the industry's future.

Despite its many benefits, roofing is often viewed as a dirty, low-paid industry with limited career prospects. The #PeopleMakeRoofing campaign aims to change this perception by showcasing the industry's success stories and positive messages from professionals within the sector. The campaign has received widespread support from industry leaders, including James Talman, CEO of The National Federation of Roofing Contractors, Sarah Spink, CEO of The Liquid Roof Waterproofing Association, Aman Chahal, CEO of Tapered Plus, and Phillip Wilcox Moore, Managing Director of Axter Ltd.

Luke McCormack, Managing Director of McCormack Partners, said: *"We believe that by highlighting the individuals who make the roofing industry what it is and by them offering advice to the next generation, we can inspire young people to join our industry and make a positive contribution. This is essential to address the skills gap issue and secure the industry's future."*

As part of the campaign, McCormack Partners invites industry professionals to participate in Zoom interviews, where they can share their story and highlight their contributions to the industry. The interviews are to be shared with young people in schools, colleges, and universities across the country.



#PeopleMakeRoofing



To join the #PeopleMakeRoofing campaign please contact Luke McCormack, Founder and Managing Director, McCormack Partners, at luke@mccormack-partners.com.

HD SHARMAN CASE STUDY—BIG YELLOW SELF-STORAGE



BEFORE

As one of the biggest national storage companies, Big Yellow recognises the importance of creating an environmentally-friendly and sustainable business. It owns 98% of its buildings and of these, 95% are run on clean energy.

It has gradually been moving away from gas towards generating its electricity with rooftop solar PV panel systems, allowing it to greatly reduce its carbon footprint and generate its own energy.

The solar PV systems to be installed have a 25-year warranty, so aligning this with the life expectancy/warranty of the roof would be crucial. After concluding the roofs were not fit for solar in their current condition, following a report from HD Sharman it was decided that

roof refurbishment using Sharman's industry leading roof coatings would be the best course of action.

Backed by a 25-year product guarantee, Delcote® 25 represented the most sustainable solution, with minimal extra weight added to the roof, compared to over-sheeting, eliminating issues on structural loading. Also, replacing a roof incurs five times the amount of embodied carbon compared to using Sharman's roof refurbishment systems.

Big Yellow has refurbished the roofs at ten locations using Delcote® 25 and each of these roofs is now guaranteed to last for at least another 25 years. Upon completion of the installations, coupled with the fact that Big Yellow sells around 80% of all the power generated back to the National Grid, it is expected that the PV panels will pay for themselves within ten years.

Find out more about installing commercial PV panel systems on metal roofs at www.hdsharman.co.uk.



AFTER





Architectural technician Elijah Peters joins the Actis specification team

ACTIS EXPANDS ITS SPECIFICATION TEAM WITH ARCHITECTURAL TECHNICIAN APPOINTMENT

Insulation specialist **ACTIS** has expanded its specification team with the appointment of an architectural technician to help architects, merchants, builders and building control officers in the south west, the west Midlands and south Wales.

Elijah's previous roles include working as a CAD designer and project manager at an architectural practice in the home counties and a project management specialist in the Midlands. He aims to demonstrate the benefits of Actis products to end users, with a particular focus on helping architects, timber framers, loft converters and housing developers.

Elijah will join fellow specification managers in presenting Actis' popular range of CPDs to building control firms, architectural practices and at LABC's monthly roadshows.

The modules offer insight into addressing the performance gap, complying with Part L and compliance.

Elijah said: *"My vision for Actis is for growth. As a company that is big on sustainability, eco-friendly, and cost effective, it's only a matter of time before the name Actis hits global ears."*

"Actis shares my core values, which cemented my decision to join the company. And my academic background puts me in a prime position to support my fellow colleagues."

Actis UK and Ireland Sales Director Mark Cooper added: *"As the popularity of Actis products grows, so does our team. Our technical support and specification expertise are very much sought after and our CPDs are the source of really important information which is vital for helping the construction industry head towards net zero and work together to build more sustainably."*

For further information please visit www.insulation-actis.com.

WIENERBERGER LAUNCHES NEW INTEGRATED SOLAR RANGE

WIENERBERGER UK AND IRELAND has launched **'Sandtoft in-roof Solar'** roof tiles, providing housebuilders with a seamlessly integrated solar energy source.

The new product will build on Wienerberger's existing portfolio of concrete and clay tiles. When offered alongside the company's range of brick, block, and façade systems, this uniquely positions Wienerberger to provide solutions for the full building envelope through both fabric and technology options, helping housebuilders to meet energy efficiency and carbon reduction targets.

Keith Barker, Managing Director of Wienerberger UK and Ireland, said:

"This is a huge step for us as we boost our support to housebuilders, helping the sector to prepare for a net zero future. Building Regulations and the Future Homes Standard will lead to homes which can generate and store their own energy—solar is the most efficient way to achieve this."

"As a sustainable manufacturer, we are committed to innovating for the future, and this means developing new customer offerings that reduce our impact on the planet."

The panels are applied directly to the roof battens, incorporating an interlocking design to speed up installation. The single-lapped panels have been developed to reflect the aesthetic of a traditional tiled roof and are fully compatible with all clay and concrete tiles. When used in combination with Sandtoft roof tiles and accessories through Wienerberger's **'RoofSpec'** service, customers benefit from a 15-year system warranty.

Sandtoft in-roof Solar will be delivered via a partnership with Oxford-based Westech Solar, a progressive renewable technologies business.



NEW MARLEY WHITE PAPER SUPPORTS SPECIFIERS TO DESIGN OUT RISKS IN PITCHED ROOFS

Marley has launched an in-depth white paper examining the critical factors associated with pitched roof design, installation, and ongoing liability.

'Design Risk & Liability—Designing Out Risk in Pitched Roofs' provides specifiers with a comprehensive overview of the main considerations when designing and installing high-performing and safe pitched roof solutions.

The new white paper illustrates the primary areas of risk and liability that face specifiers and housebuilders, as well as highlighting the potential risks surrounding individual component selection versus the advantages of a full roof specification process.

The free-to-download white paper makes for essential reading for those involved in roofing specification, ensuring they can deliver the most effective design and installation processes.

The main sections of the white paper cover the following:

- Role of a pitched roof and pitched roof assembly.

- The potential risks of poor compatibility or installation.
- Who is liable if problems occur?
- Considerations around individual components versus full roof system.
- Designing out risk through a system approach.

Stuart Nicholson, Roof Systems Director at Marley, said: *"In an era of changing regulations including energy efficiency performance and safety, it is vital that those designing, specifying, and installing roofing solutions fully understand not only the technical aspects but also where potential risks are and where liabilities fall."*

This new white paper addresses the main considerations, supporting specifiers to attain a better all-round understanding of the considerations involved in the delivery of a successful pitched roofing solution."



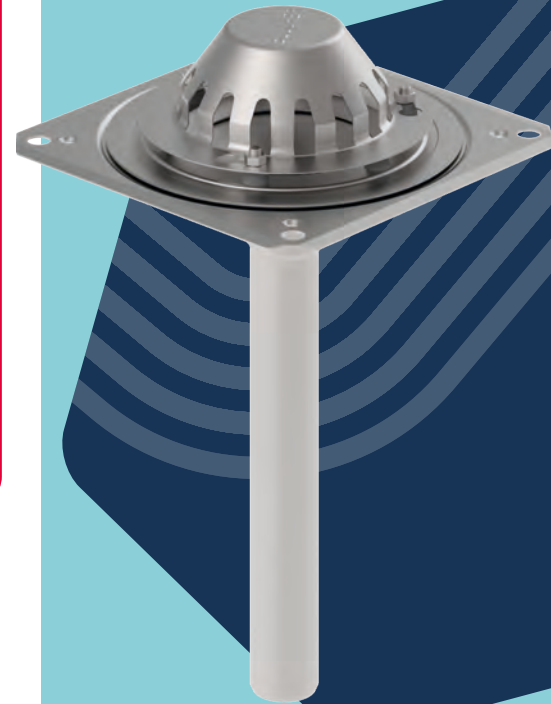
'Design Risk & Liability—Designing Out Risk in Pitched Roofs' can be downloaded by visiting www.marley.co.uk/designing-out-risk-in-pitched-roofing



For further information please visit www.wienerberger.co.uk/solar.

BLÜCHER UK—LOOK NO FURTHER FOR STAINLESS STEEL DRAINAGE SOLUTIONS

BLÜCHER UK is the leading manufacturer for stainless steel drainage solutions across the nation.



Its comprehensive roof range is suitable for all varieties, including flat roofs, those with bitumen or single ply membrane, and for gravity and siphonic systems.

It is BLÜCHER's mission to provide a high-quality roof drainage system with roof drains which easily connect to BLÜCHER EuroPipe pipework system, ensuring that our customers have a quality drainage system that minimizes installation time while guaranteeing high-flow capacity, a long product life and an A1 fire safety rating.

With online access to our full range, plus installation videos and literature, you can contact BLÜCHER for more information on 01937 83800, sales@blucher.co.uk or www.blucher.co.uk.

TOUGH CHALLENGES AT THE HOUSE OF DETENTION

Challenges don't come much tougher than a car park over the basement roof of a 17th century London prison, known as the House of Detention. Due to previous poorly-installed waterproofing, the car park required extreme refurbishment and waterproofing works.

The defective waterproofing was allowing water ingress into the ancient structure below, causing erosion and green fungus decay to the brick surfaces. The proposed works included forming a solid structure over the 17th century brick vaults with falls to a drainage collection system, fully waterproofed with **PROTEUS WATERPROOFING'S** exclusive Cold Melt® system.

When the existing surface of this 1,300 m² car park was gently broken away, the ground floor prison cell floors were exposed with deep voids down to the vaulted ceiling. This meant the structural designs had to be revisited.

Engineers were able to redesign a suitable substrate for the vaulted ceiling to include a reinforced concrete cambered slab with perimeter curbs to channel the water to outlets, solving problems ahead of construction. Once the old substrate had been carefully removed, the newly-designed reinforced concrete base, perimeter curbs and outlets were installed, and the waterproofing works could commence.

However, the design changes to the structure meant valuable time was lost. To bring the programme back on schedule, Cold Melt® DPM Primer was first installed over green concrete after only three days. The concrete below the primer, now protected from the elements, was allowed to continue its chemical hydration process and cure in its own time.



For further information please visit www.proteuswaterproofing.co.uk or email enquiries@proteuswaterproofing.co.uk.

SITE MASTER APP—NOW A PROUD MEMBER

Having recently joined NFRC, Site Master App is available to assist NFRC members with their digital transformation.

Its products have been carefully designed to help contractors in digitalising and automating all their health and safety, project management, reporting, audit trail, timesheets/CIS invoicing, employee records, document libraries and so much more.

With the Building Safety Act 2022 and the Golden Thread of Information Management fast approaching, customers can be assured that Site Master App has their businesses covered. It gives talks on the Building Safety Act and has been part of many Q&A sessions as experts in the field, allowing it to become a trusted digital partner in the sector.

Technology is no longer viewed as a luxury item in construction; it has now become a legal requirement (where appropriate) to keep digital records for design, installation and maintenance of every product. Such items as 'Installer Competency', etc., must also be held digitally, and these records kept for 30 years.

DIGITALISING
the construction industry

SITEMASTER

Project Management - Health and Safety - Analytics - Audit Trail

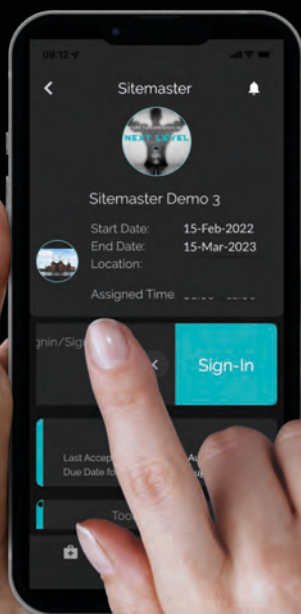
SITEMASTER



OF NFRC

This law comes into effect for higher risk buildings in 2023 and every building project, no matter the size, is expected to follow shortly after.

For further information please visit
www.sitemaster.app or email
digital@sitemaster.app.



2023 UK ROOFING AWARDS

“

LAST FEW TABLES AVAILABLE—
BOOK NOW TO AVOID
DISAPPOINTMENT”

92.5% OF GUESTS SAID THEY
WOULD ATTEND AGAIN
AND
85.0% WOULD RECOMMEND
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