

ROOFING TIMES

ISSUE

10

SUSTAINABILITY SPECIAL

FUTURE (P)ROOF: BUILDING RESILIENCE OF ROOFING TECHNOLOGIES IN A CHANGING CLIMATE

Commissioned by the NFRC Charitable Trust under its Environmental Programme, the University of Southampton conducted research and produced the extensive Future (P)roof report in 2021, finding that the way the UK builds, maintains, and upgrades its roofs going forward will be critical to how we adapt to a wetter and warmer climate. Failure to change the way we use our roofs could cost lives, people's livelihoods, and productivity, through overheating and flooding.

The research highlights the potential of various roofing technologies to:

- Cool the temperature of a building as well as the surrounding environment
- Store and slow the rate of rainwater runoff before it even reaches the ground
- Generate renewable energy on site through solar PV.

Evidence from the UK climate change projections programme (UKCP) shows that over the next half-century, the UK is expected to experience warmer and wetter winters, and hotter and drier summers, clearer summer

skies, and a higher frequency and intensity of extreme weather events, including torrential rain and heatwaves.

NFRC urges the roofing industry to take on board the report's recommendations: roofing contractors should invest in green skills and take opportunities to diversify to incorporate new technologies that help build resilience. At NFRC we have formed a focus group of members to look at practical steps for contractors across all aspects of their businesses in being part of the solution to carbon reduction, sustainability and responding to climate change.

Continued on page 2

WELCOME

I hope that you enjoy this Sustainability special edition of Roofing Times which provides some fantastic thought-provoking content and useful insight into the ways NFRC Suppliers are changing processes to be more sustainable. We are all thinking about how to have a lesser impact on the environment, and you will see some innovative products available for NFRC Trade Members to utilise.

When it comes to sustainability and us all striving towards reducing carbon emissions and net zero, I am sure that you will agree, NFRC Supplier Members are working really hard to help our industry achieve these goals.



National Account Manager—
Suppliers and Service Providers

Chief Executive of NFRC, James Talman, said:

“ This research shows that roofs have the ability to build resilience to climate change—whether that be as simple as helping to reduce overheating through greater reflectivity, protection against the cold through enhanced insulation, generating electricity from the sun through rooftop solar PV, or reducing the risk of flooding through attenuating water in blue and green roofs.

Whilst the evidence is clear, many barriers remain. The roofing industry is already experiencing a skills shortage and an ageing demographic, so unless we invest in green skills now, we won't have the people we need to be able to deliver this critical work. Furthermore, there are also significant policy barriers—outside of London, the UK is far behind many other countries when it comes to encouraging green, blue and cool roofs, and this needs to change. The government must also implement a clear strategic plan for retrofit, to replace the failed Green Homes Grant, to encourage homeowners to upgrade their homes.”

Continued

The complete Future (P)roof report is available to read through NFRC's website here: bit.ly/FP_RT10



LOOK UP AND JOIN THE

BY AXTER LTD

ROOF REVOLUTION

REVOLUTIONS DON'T START THEMSELVES. SOMETIMES YOU'VE GOT TO BE THE ONE TO SPARK IT.

For decades at AXTER, we've been dedicated to designing and building flat roofs that are waterproof and durable. Although, in a world that is living with the negative consequences of its broken relationship with nature, we know they need to be so much more.

So we're pioneering the Roof Revolution; an exciting initiative striving to leave a lasting legacy of good on our built environments and the communities living within them.

We want to improve the places where we live and work by unlocking the potential of our flat roof spaces. We want nature-based solutions to be implemented within all new and retro-fit construction



projects. We want our urban roofs to reconnect with nature, improve health and wellbeing, tackle climate change and help prevent urban biodiversity loss.

Roof Revolution is a resource hub and exhibition space, where we seek to inspire visitors through carefully curated video, news and resources from across the world.

Launched with the support of our founding champions—NFRC, the BBA, SPRA, LRWA, Wildfowl & Wetlands Trust and Livingroofs.org—and through our shared vision and extensive expertise, we believe we can impact

change and solve global problems, deployed locally.

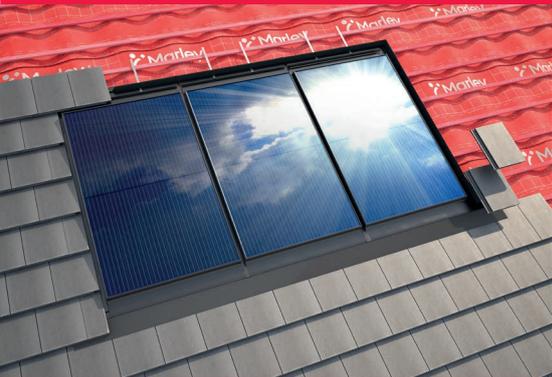
This is a revolution for everyone, and we want you to join. We all have the opportunity to improve our urban environments for good.

IT'S TIME FOR A ROOF REVOLUTION. IT'S TIME TO LOOK UP.

Join us and find out more about our aims at www.roofrevolution.org

#lookup

DRIVE FOR SUSTAINABILITY CREATES OPPORTUNITIES FOR ROOFERS



Opportunities for roofing contractors to strengthen their businesses look set to increase due to the continued demand for cleaner, renewable energy sources, such as solar.

Daniel Redfern, Marketing Manager at **MARLEY**, said: "Several key factors, including the current energy security crisis, climate emergency, changes to Part L of the building regulations, as well as the recent announcement that the government is cutting VAT on installing energy-saving materials in residential properties to 0%, mean that consumer demand for solar energy is likely to increase.

"While the forthcoming changes to Part L could see up to five times the number of new homes built with solar technology according to Solar Energy UK, the zero-rated VAT is likely to boost the retro-fit market, making green technologies, such as solar, much more affordable for a greater number of people."

Marley SolarTile® has been developed to deliver on aesthetics, installation and importantly, sustainability. For years, only 'bolt on' systems were available; however, Marley SolarTile® now provides a truly integrated roof system that fits seamlessly with the design of the roof.

Dan added: "Significantly, the VAT cut will provide a host of opportunities in the retro-fit market to roofing contractors and, whilst investment will be necessary to ensure that they have upskilled their workforce and are qualified to fit solar panels—such as becoming MCS certified for example, the benefits and ongoing opportunities far out-weigh the costs."

For further details on **Marley SolarTile®** or the benefits of **MCS certification**, please visit www.marley.co.uk/solarinstall or call **01283 722222**.

WELSH SLATE GOES GREEN WITH BLACK

Leading UK manufacturer **WELSH SLATE** is continuously identifying ways in which it can reduce the impact on the environment of its quarrying and manufacturing activities and at the same time maximise material yield.

Therefore it has expanded its product portfolio from the roofing slates the company is best known for, and which last for more than 100 years themselves (*and are guaranteed for 100 years*), to architectural and landscaping products such as cladding, flooring, paving, walling, work surfaces and aggregates.

As well as utilising every tonne of slate for its optimum performance and value, the company also minimises operational waste by re-using and recycling where possible and continuously looks to identify opportunities for use of operational process by-products.

Operating ISO 14001 environmental management systems across all its sites, its focus on driving continuous improvement

in relation to environmental performance is infinite. This includes effectively managing energy consumption to reduce and minimise CO₂ emissions.

It also involves adopting a future-proof focus on the use of new technologies, best practice, better techniques, more efficient processes, monitoring and measurement processes, and setting of objectives, targets and KPIs.

After extraction, the company prioritises the sympathetic restoration and reinstatement of its sites using natural materials and indigenous species to maintain and enhance the character of each location.

As a producer, investor, employer and consumer, the company ensures the provision of all the resources required, engaging with stakeholders (*and in particular its local communities*) to promote a collaborative approach to achieve this.

Find out more at www.welshslate.com.



SAVE SPACE, TIME AND MONEY... SAVE THE PLANET BY CHOOSING SUPERFOIL!

SUPERFOIL multifoil insulation is leading the way when it comes to sustainable insulation. The space-saving qualities of SuperFOIL are reducing the numbers of lorries on the roads.

One full lorry will insulate:

**SuperFOIL SF19+ =
32 roofs (100 m²)**

**100 mm mineral wool =
seven roofs (100 m²)**

**100 mm of PIR board =
five roofs (100 m²)**



For more information visit
www.superfoil.co.uk

One lorry of SuperFOIL will insulate up to six times more homes than 100 mm PIR.

One pallet of SF19+ has ten times more square metre coverage than a pallet of 100 mm PIR.

By choosing SuperFOIL, a housing developer building 200 homes per year will need seven times fewer diesel trucks on the road.

In addition, the wadding material used to manufacture SuperFOIL products is produced from up to 40% recycled materials, namely plastic drinking bottles. This is helping to reduce the amount of new, raw plastic materials being made.

On average, each roll of SuperFOIL SF19+ contains 450 plastic bottles. This one sustainability choice prevents over 80 million plastic bottles from ending up in landfill each year!

Made to be highly energy-efficient, SuperFOIL insulation manufactures the highest performing multifoil in the world with SF60FR, helping to reduce your heating needs during the winter and helping keep your home cooler during the summer.

By making your home more energy-efficient with sustainable insulation, you are saving money on ever-rising energy bills and helping to protect the environment.

FAKRO UPVC ROOF WINDOWS

SUSTAINABILITY, QUALITY AND STYLE

As the UK and the rest of the world grow increasingly concerned with the impact we have on the environment, **FAKRO** has designed a window to help overcome the amount we waste. Even though the company manufactures products to last, it is inevitable that all things come to an end—which is why the fact that its UPVC roof windows are 99 per cent recyclable is so important.

FAKRO's multi-chambered white UPVC profile with a reinforced steel core constitutes its extremely high-performance roof windows. Another one of the biggest contributing factors to the popularity of UPVC roof windows is that they are maintenance-free. They can be wiped clean and will not need resealing/re-lacquering, unlike other models on the market.

Available in 15 standard sizes, double- or triple-glazing and a choice of bright white, authentic golden oak, and toasted pine internal veneer, FAKRO UPVC roof windows are the result of several years' research and development into customer needs. Their high moisture resistance also means they are extremely versatile and are therefore able to fit into any room, such as a wet room, kitchen, bathroom, or bedroom.

And of course, like all FAKRO roof windows, they come with the topSafe security system as standard. With reinforced elements to the handle, keep-plate, and hinges, you can assure your client that their FAKRO roof windows are among the safest and secure on the market.



For more information, visit www.fakro.co.uk or call 01283 554755.

PERMAVENT ACHIEVES SILVER MEMBERSHIP STATUS AT SUPPLY CHAIN SUSTAINABILITY SCHOOL

PERMAVENT is pleased to announce that it has achieved silver membership status with the Supply Chain Sustainability School.

Silver membership with the school indicates that Permavent has successfully completed a re-assessment in the past 12 months and reflects Permavent's commitment to further enhancing a sustainable supply chain to the construction industry.

The Supply Chain Sustainability School is for everybody working in the construction, facility management, homes and infrastructure sectors who work in England, Scotland and Wales. Alongside practical guidance and bespoke plans tailored to the individual needs of a business, the school also offers a wealth of accredited continuing professional development (CPD) materials.

Category Director Craig Fyall said: *"At a time when our clients and the wider construction industry are rightfully demanding transparency and sustainability at all levels within an organisation, Permavent has been proactive in taking positive steps to enhance and further strengthen the sustainability of our supply chain."*

"We are extremely pleased with the outcomes as a result of our involvement with the school and are striving towards achieving our gold status in the coming months."

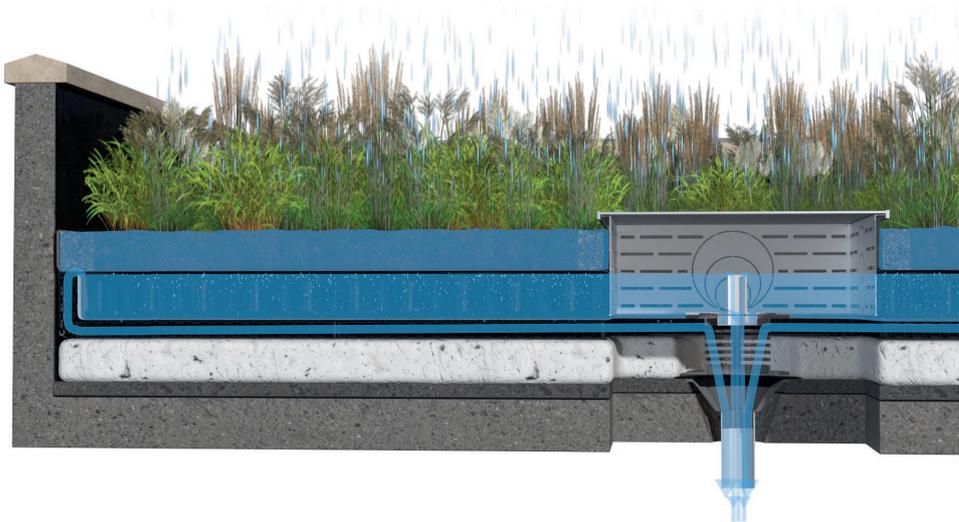
SILVER

SUPPLY CHAIN SUSTAINABILITY
SCHOOL

For more information on Permavent visit www.permavent.co.uk.

The news follows on from Permavent's recent announcement that it has completed third party testing on its entire range of air-open, vapour-permeable and impermeable roofing underlays as well as the class-leading, fire-safe A-rated walling membrane Safeshield XT Reflect, and is now UKCA-certified. Its comprehensive quality management system has been pivotal in realising these two critical projects.

HOW THE ACO PATENTED BLUE ROOF DESIGN CAN BENEFIT YOUR NEXT PROJECT



The newly-patented **ACO blue roof attenuation system** forms an independent tank that can be constructed on any new or existing flat roof where roof waterproofing has been applied.

The system can be installed on a warm, inverted, or uninsulated roof using a single ply, cold or hot melt waterproofing system.

ACO has just launched a new series of animation videos to show how the system is

built up and how it functions on a number of different roof types. The system provides the following benefits:

- Reduces overall building risk by providing greater design resilience for all types of flat roof construction
- Ensures compliance with flat roofing and drainage building standards and the building regulations, allowing the system to drain slowly in normal use and quickly in extreme conditions.

- Ensures compliance with the sustainable drainage systems (SuDS) manual hydraulic design guidance and planning conditions
- Simplifies design responsibility
- Is suitable for new build or retrofit schemes
- Is ideal for use as part of a combined passive irrigation or active rainwater harvesting system and embraces the ambition of integrated water management.

Kevin Bohea, Divisional Managing Director, said: *"ACO is proud to bring this patented, market-leading system to the roofing industry."*

"Using ACO RoofBloxx as the key attenuation product in the system, ACO can advise on the build-up of the system for projects and provide the hydraulic calculations needed for different roof types."

Visit www.aco.co.uk/blue_green_roofs to learn more about the ACO system and watch the animations. Alternatively, call **01462 810421** for design enquiries.

RECYCLING AND REDUCING WASTE: EASY-TRIM'S GREEN JOURNEY CONTINUES

Over the years, environmental responsibility has become a centred focus for **EASY-TRIM**, holding the belief that sustainable business practice is imperative to long-term success.

The acquisition of EcoVyn Ltd saw manufacturer become recycler, and in 2021 it recycled 31,000 tonnes of scrap PVC. Investment into new technology has led to more streamlined production processes, eradicating waste and improving efficiency.

2021 also saw Easy-Trim packaging 'go green'. By removing plastic sleeves from Verge U boxes and redesigning Cavity Closer packaging, single-use plastic consumption was reduced by 15 tonnes in the final quarter of 2021. While it continued to use FSC-certified cardboard, it also adopted a more efficient method of scrap cardboard disposal, recycling 10,000 kg in a five-month period.

Easy-Trim is well known for its marketing presence within the industry and in 2021

it took the brave step to host a paperless stand at UKCW. Removing all paper literature and planting trees instead, Easy-Trim's aspiration to host a 'Green Show' was an award-winning success.

Offsetting its carbon footprint with trees was a welcome alternative to giveaways that are often destined for landfill. The concept continued throughout the year as 'Green Friday' replaced

Black Friday and trees were planted instead of exchanging Christmas cards. By the end of 2021 it planted over 1,000 trees, sequestering an estimated 331 tonnes of CO₂.

As Easy-Trim continue its green journey, it is a reminder that if we become a little less wasteful, it can go a long way to making British manufacturing more sustainable for a greener world.



FOR MORE INFORMATION VISIT WWW.EASY-TRIM.CO.UK.

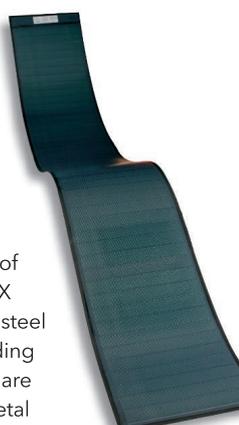
ALMOST INVISIBLE SOLAR MODULES ON GREENCOAT®

With steep increases in energy costs and a need to resource green energy, building-integrated photovoltaics (BIPV) is fast becoming the preferred approach with integration of solar PV into the building envelope.

BIPVco, based in Newport, South Wales, understands the challenges from every angle: architectural, construction build and aesthetic appeal.

In conjunction with **METAL SOLUTIONS LTD**, the Flextron Module has already been tested and approved when bonded to GreenCoat PLX Pro.

GreenCoat® is the brand of SSAB, with GreenCoat PLX being a flagship foldable steel suitable for intricate standing seam roofs. The modules are bonded directly to the metal surface, thereby avoiding the need to anchor on to the standing seam, with brackets and rail supporting heavier glass Crystalline PV panels.



Reducing the weight and subsequent wind load and avoiding the raised panels also remove the risk of debris build-up and vermin.

The Snaplock roof sheets pictured here were marginally narrowed to allow additional modules. The unobtrusive, almost invisible modules do not detract from the contemporary standing seam roof.

The flexible nature of Flextron, together with its other attributes of Teflon such as coated self-cleaning top sheet, superior thermal

degradation and light weight, make it truly a universal product with multiple applications for flat roof slopes or even barrel vault construction.

For further information please email kevin@metalsolutions.uk.com.

This project, installed by SRS Building & Maintenance, combines Snaplock standing seam in GreenCoat PLX Pro in Mountain Grey at 400 mm seam centres, with Flextron Solar PV attached. GreenLine Rainwater System is in use.



TN INTERNATIONAL (TNi) is one of the world's leading manufacturers of insulation and roofing systems. As such, its innovative products are designed to improve the performance of the whole building envelope, protecting structures and their occupants as well as making them more energy-efficient than ever.



ROOFING SYSTEMS FOCUSED ON PERFORMANCE AND SUSTAINABILITY

But that is not the only way TNi's products support sustainability. The company's approach is one of caring for the environment in the manufacture of products and their recycling, and contributing to the preservation of the environment and natural resources. This means rethinking what raw materials are used, how products are made, how they are packaged and how they are recycled at the end of their lifespan.

TNi's factories are amongst the greenest in Europe, using lean production methods and closed-loop systems to minimise and recycle any waste materials and re-use energy and resources. The raw, recycled materials, such as rubber crumb from tyres and glass bottles, are sourced as locally as possible, and the numbers are very impressive; in 2020, TNi products used the equivalent of 500,000 tyres, 40,000 tons of waste oil and 180 million plastic bags, as well as 50,000 tons of recycled glass!

In addition, TNi's plants are geographically located to reduce delivery miles, while extensive research and development make sure products minimise waste and are highly effective in use. And with new ideas constantly being developed to safeguard our future as well as our buildings, TNi and its roofing materials are at the forefront of looking after our world.

Find out more at www.tnroofingsystems.com

THE ROLE OF CONTINUOUS LEARNING AND UPSKILLING IN CREATING MORE SUSTAINABLE ROOFS



Many in the construction industry are focusing on sustainability which means the implementation of new skills and methods of installation. Paul Campbell, Marketing and Technical Director at BMI, discusses how continuous learning and upskilling is key.



The construction industry is in a period of great change and transformation, the housing shortage requires innovation and radical thinking, the challenges of urbanisation and expanding cities mean we need to improve our facilities and infrastructure, all while protecting the environment for future generations.

In her report, Building a Safer Future, Dame Judith Hackitt recommends a reform of building safety and a focus on ensuring that

what we design will be safe, efficient and long-lasting. For roofs to meet these criteria and align with new building regulations, innovation across materials, processes, and roofing skills is vital.

Ongoing, regular training on new products, improved methods of installation, new tools and systems can close the gap and ensure that everyone, from experienced contractors right through to apprentices, is equipped with the right skills.

BMI's flat roofing brand Icopal and pitched roofing brand Redland are paving the way for more energy-efficient, safe, and long-lasting roofing systems, but it will ultimately be the people designing, planning, installing, and maintaining them that will make the difference.

BMI also offers many ways to access in-depth training and skills development through The BMI Academy, which offers continued learning and upskilling opportunities to everyone in the roofing and waterproofing industry.

To find out more about continued learning and skills development across roofing, visit www.bmigroup.com/uk.

EVERROOF COMBINES ARTIFICIAL GREEN ROOF SYSTEMS WITH GROUND-BREAKING AIR® TECHNOLOGY

Already recognised as market pioneers in the artificial grass market in the UK for landscaping applications, the **EVERGREENS UK** group also supplies artificial green roof systems from its EverRoof division.

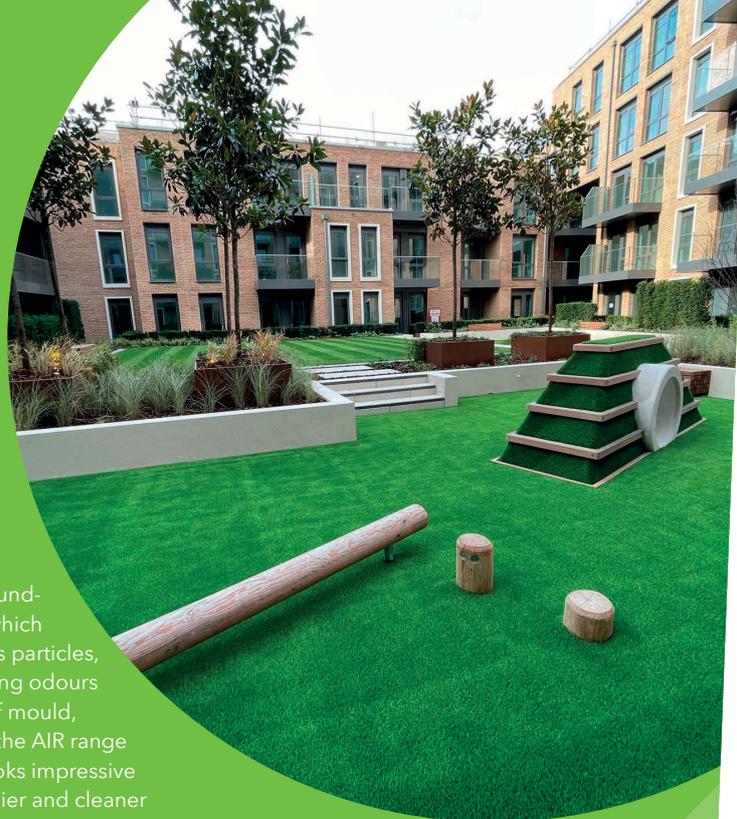
Transforming previously unusable and unsightly roof spaces into beautiful green multi-functional areas, EverRoof offers the only artificial green roof systems to hold classifications for wind and fire resistance. Tested to UK and EU standards, the systems can resist wind speeds of at least 100 mph without any sign of lifting or distress.

The system's innovation does not stop there. Mindful of the environment and with pollution and air quality at the forefront of its development, EverRoof is adding a new pollution-busting option to its range: EverRoof AIR®.

The new range utilises ground-breaking AIR technology which eradicates not only noxious particles, but also unpleasant lingering odours from pets and any threat of mould, moss or algae. Not only is the AIR range self-cleaning, but it also looks impressive and contributes to a healthier and cleaner atmosphere, eliminating the reliance on biocides and pesticides along the way.

AIR is suitable for gardens, play areas and public open spaces, as well as roof and podium landscapes as part of a fire- and wind-tested classified system.

For further information about EverRoof systems and the AIR range for domestic, commercial and public landscape projects, call **01572 766 912** or visit www.everroof.co



SAP REVEALS IMPRESSIVE ENERGY EFFICIENCY OF THIRD ACTIS-INSULATED SCANDIA-HUS SHOWHOME

A third show home created by timber-frame specialist Scandia-Hus and insulated with Actis Hybrid products has achieved an impressive suite of energy efficiency and environmental performance parameters.

Its performance is captured in the as-built SAP calculation, which reveals an improvement of the dwelling emission rate of 35% over the notional building specification and an improved fabric energy efficiency rate of 24.5%.

The 2,755 sq ft three-bedroom chalet bungalow at Scandia-Hus's Sussex HQ also achieved an energy efficiency rating of B.

And it has an impressively low level of air permeability, achieving an air leakage rate of 3.25 m³/hm² at 50 Pa, with this number of air changes per hour falling way within the Building Regulations' limiting or notional values of 10 and 5m³/hm² @ 50 Pa respectively.

The home offers U-values of 0.14 in the roof and 0.16 in the walls, thanks to the installation of vapour control layer HControl Hybrid and 155 mm honeycomb design Hybris in the

pitched roof and HControl Hybrid and 105 mm Hybris in the walls.

The eco-friendly property runs on an air-source heat pump, and the sustainably sourced timber used creates an air-tight structure.

Scandia-Hus trialled the Actis Hybrid system a few years ago on its first show home, carrying out a thermal imaging exercise after completion which showed an impressive lack of thermal bridging.

Scandia-Hus MD Derek Dawson said:

“Using Actis reduced installation time by up to 30%.

Other benefits were minimal wastage and site cleanliness. And the range doesn't produce irritant and messy dust when installing.”

The Mulberry is the third Scandia-Hus showhome to be insulated with Actis Hybrid products. The as-built SAP calculation showed its fabric energy efficiency rate is nearly 25% better than the target FEE.



NEW REPORT EXPLORES THE ROLE OF ECO-HABITATS IN THE DRIVE FOR BIODIVERSITY NET GAIN

With specifiers facing greater pressure to improve sustainability and biodiversity measures, **WIENERBERGER UK** and Ireland has launched a new specialist report exploring the role of eco-habitats in the drive for biodiversity net gain.

The Changing Shape of Biodiversity in the Built Environment has been prepared by environmental specialists at Wienerberger, addressing the challenges faced by the construction industry as they seek to meet enhanced biodiversity net gain requirements.

It sets out the regulatory drivers that are shaping modern developments, including the National Planning Policy Framework and Environment Act 2021, as well as changing consumer attitudes to outdoor spaces.

The specialist report introduces the benefits of eco-habitats such as bird boxes, bat boxes and bee bricks, providing a range of fuss-free solutions that can provide supplementary enhancements within a biodiversity net gain



report. Experts from Wienerberger also offer installation and placement tips to help maximise nesting opportunities.

It is available to download for free from Wienerberger's website, providing a vital resource for anybody involved in the planning, design and construction of new buildings.

The Changing Shape of Biodiversity in the Built Environment—Exploring the role of Eco-habitats in the drive for Biodiversity Net Gain is available to download for **FREE** at www.wienerberger.co.uk/biodiversity-report.html.

DESIGNING FLAT ROOFS FOR SUSTAINABILITY



As urban expansion continues to absorb natural habitats, landscaping a flat roof can act as practical use of space providing fresh areas to replace lost habitats and encourage the local ecology to thrive.

Soft landscaping can also help reduce the risk of flooding by retaining proportions of rainfall and decreasing rainwater run-off rates.

The BauderBLUE roof system is designed to attenuate and manage stormwater on a flat roof. These types of rooftop solutions are part of the CIRIA sustainable drainage systems

(SuDS) design guide. The engineered outlet within a blue roof restricts the discharge of storm water to a calculated and pre-designed flow rate to significantly slow down the volume of water leaving the site.

They prove beneficial in built-up areas where there are large amounts of impervious surfaces. Bauder green roofs retain rainwater in the substrate, drainage board and plants. The water absorbed by the vegetation evaporates back into the atmosphere.

Thorough planning is required during the installation of blue and green roofs as adequate time is needed for the crane to lift products to the roof, ensuring the placement doesn't overload the building's structure.

The vegetation should be delivered on the day of installation, with quantities matching those to be installed on that working day. A collaborative approach will achieve the best results.

BAUDER introduced green roof technology to the UK and Ireland over 30 years ago and provides a service to match the vast experience of delivering green roof projects.

VISIT WWW.BAUDER.CO.UK FOR MORE INFORMATION.

SUSTAINABILITY TOPS AIRFLOW'S PRIORITY LIST

At AIRFLOW, sustainability is key to our daily operations.

The new cardboard packaging lessens fuel consumption associated with multiple deliveries, by ensuring we reduce the wasted space on a pallet. Previously, where we could only box 300 roll panels per pallet, this has now increased to 360, whilst still maintaining our high quality standards.

For our customers, this means more stock without needing to re-order as frequently. Airflow also offers mixed pallet options, giving best discounts on a variety of products.

In addition, all our cardboard packaging is made from recycled card, while our rafter roll panels are made from 100% recycled material.

To view our full range of roofing and ventilation products please visit www.airflow-vent.co.uk

Alternatively, you can contact sales@airflow-vent.co.uk or call 01425 611547 to speak with our friendly sales team, who will be more than happy to answer any enquiries.



ARE YOU IN THE LOOP?

For more information visit www.thepalletloop.com.

Every year around 18 million pallets are made exclusively for the UK construction industry, the vast majority of which are used once, then skipped or scrapped.

In fact, up to 10% of the construction waste stream is estimated to be pallets—a statistic that is shocking environmentally, but also expensive and time-consuming for those who have to deal with their disposal.

By the end of this year, the issue posed by waste pallets will become less problematic thanks to The Pallet LOOP. Shifting the sector from the existing model of 'deliver, distribute, discard' to 'recover, repair, re-use', The Pallet LOOP is giving the humble white pallet a much-needed makeover.

With a range of distinctive green pallets that have been engineered to last, and a network of collection hubs nationwide, The Pallet LOOP will pick up pallets from building sites, actively eliminating avoidable pallet waste from the building materials supply chain.



- Material manufacturers will pay a deposit per pallet (plus an issue fee) to The Pallet LOOP Ltd
- LOOP pallets are delivered to the manufacturer's site, ready for loading/ onward distribution
- As pallets move through the supply chain, the deposit passes from manufacturer to merchant to builder
- Once materials reach their final destination, the pallets should be stacked and stored ready for collection
- LOOP users then book a collection (for a small charge) via the website, app or by phone
- From as few as 72 hours later, The Pallet LOOP will pick up the pallets and refund the deposit.

A. PROCTOR GROUP ESTABLISHES SUSTAINABILITY FOCUS GROUP

The **A. PROCTOR GROUP**, recognised worldwide for its extensive portfolio of technically-advanced membrane, thermal and acoustic products for the construction industry, has set up a dedicated Sustainability Focus Group.

This increased focus on sustainability demonstrates the commitment of the company to recognise its social and environmental responsibilities and have a positive impact through its actions.

Led by the Group's Managing Director, Keira Proctor, the 14-strong Sustainability Focus Group includes specialists from technical, operations, manufacturing, IT, marketing, sales, and accounts.

Keira Proctor said: "For more than 50 years the group has been serving the construction industry with high-quality, innovative solutions.

"As a family business, we are committed to continuously improving how we protect our communities and environment and care for our employees and customers.

"Sustainability is fundamental to our corporate vision and business philosophy, to provide and care for the future legacy of the generations.

"The focus group is committed to ensuring the A. Proctor Group can lower its environmental impact while still offering customers the high-performance products they need to maintain a healthy building fabric."

Iain Fairnington added: "Our social and environmental responsibility has become more prevalent to me over recent years.

"I am very pleased to see the group working so enthusiastically on different aspects of this project. As Technical Director, I am concentrating on, and committed to, progressing with environmental product declarations (EPDs) and researching alternative eco-friendly materials.

"From a financial point of view, taking action on sustainability won't cost the earth... not doing anything might!"



For further information visit www.proctorgroup.com.

EJOT INNOVATES TO DRIVE UP SOFFIT INSULATION STANDARDS

EJOT's new DDS-Z fastener range holds the key to installing much greater depths of soffit liners with the smallest embedment depth, helping architects and clients to dramatically improve the thermal performance of buildings, as well as acoustic and fire insulation standards.

This range of high-quality self-tapping fasteners is designed specifically for the attachment of ceiling insulation and acoustic boards to concrete soffits, where the goal is to bring uninsulated floor structures up to the thermal requirements of the latest building regulations and beyond.

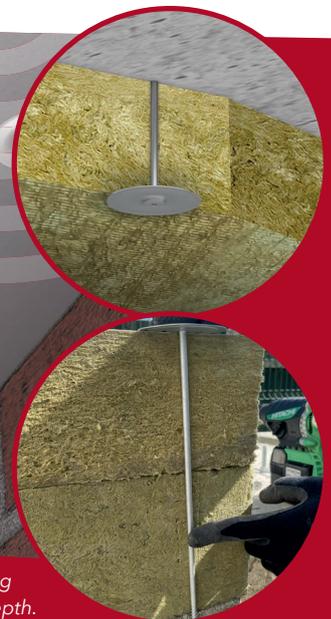
EJOT UK's new DDS-Z fastener range which holds the key to installing much greater depths of soffit liners with the smallest embedment depth.

Doing so enables car parking to be created below ground or at ground level where residential or commercial space is contained above—hence the need for high insulation standards using soffit liners.

However, the increasingly high thermal standards now being sought here in the UK have given rise to the use of much greater depths of mineral fibre insulation. This demands

significantly longer fasteners to drive through the multiple layers of insulation and anchor effectively into the concrete substrate—all with a minimal embedment depth.

EJOT UK has responded with the DDS-Z range of steel screws featuring a duplex coating and self-tapping thread for reliable fastening, with only a 25 mm embedment into cracked and non-cracked concrete.



MANUFACTURERS

A. Proctor Group Ltd
www.proctorgroup.com
01250 872261
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ACO Building Drainage
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