



Building & Construction Review

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Cibes Lift UK: Taking platform lifts to the next level



For too long, platform lifts have been treated as a necessary burden. Whether a matter of meeting regulations or allowing greater accessibility, including a platform lift in a build or refurb project is so often seen as a 'needs must,' not an opportunity. Cibes Lift UK is changing that.

Cibes are challenging the perception that lifts are an eyesore and solely for the elderly or disabled. A Cibes lift serves as a centrepiece adding the 'wow factor' to any building, residential or commercial. They can even increase the value of a house.

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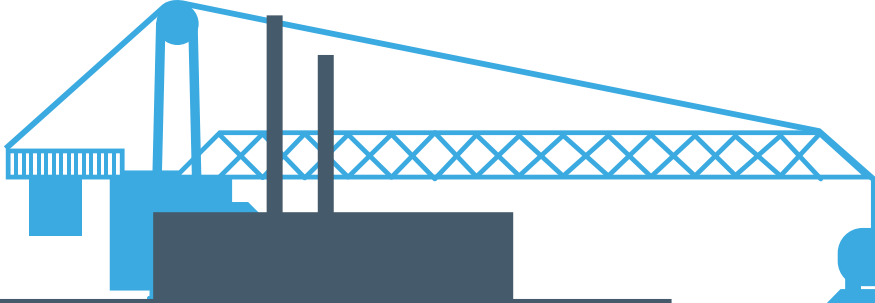
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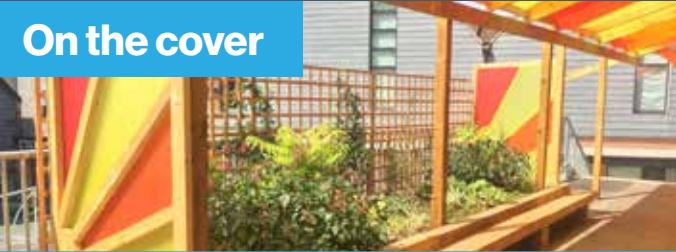
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Hello & welcome to Issue 410 of BCR...

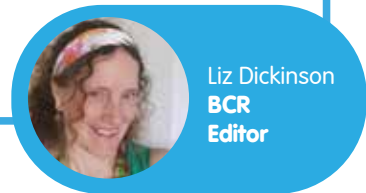
Welcome to this edition of Building and Construction Review, where we continue our commitment to bringing you the latest innovations, trends, and industry leaders shaping the future of construction.

In this issue, we are thrilled to highlight Sandpit Creations as our recommended company, showcasing its remarkable contributions to the building and construction sector. Sandpit Creations is renowned for its innovative approach, specialising in concept development, set building, scenic art, and creative technology. Whether it's a detailed immersive set for theatre or a dynamic brand activation, its craftsmanship and versatility set them apart. **Please turn to page 3.**

As we continue to explore the innovations and trends shaping the future of our industry, this month, our spotlight is on the Futurebuild Show 2024, the leading annual event for the built environment industry, bringing together sustainable innovations and solutions. With over 400 brands, 257 exhibitors, 555 speakers and 18,097 visitors, it was one of the biggest shows yet, with a total of 52,643 leads collected. **From page 14 onwards**, we have put together a list of Top Exhibitors that we think stood out at the show including GeoShield, CIBES Lift Group, and Danosa UK Ltd.

Other topics explored in this issue: Heating, Ventilation & Air Conditioning, Building Products & Services, Recruitment, Architecture, Access Machinery, Sealing Industry, Timberbuild & Bespoke Joinery.

Have any exciting news to share?
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Looking for a team of creatives for your building, hospitality or corporate project? Sandpit Creations bring vision and next-level technology



In this issue of Building & Construction Review, we are delighted to welcome back Sandpit Creations with our BCR Recommends Award.

Back in our June issue, we showcased Sandpit Creations with our Commitment to Excellence, detailing the eclectic range of exciting creative projects the team has worked on from We're Going on A Bear Hunt installation, set designs for exciting immersive bar experiences like the Alcatraz prison bars and Moonshine Saloon to micro-electronics in London's infamous Sherlock Holmes Museum.

With the catchy slogan, 'See you in the sandpit!', the award-winning diverse team of creative/concept designers, scenic artists, textile specialists, creative technologists, prop makers, carpenters, sculptors and metalworkers have largely known each other for years, having previously collaborated on the Crystal Maze Live Experience.

Sandpit Creations was only formed in 2023 by Director Dan Barr and yet in this short space of time has already been a finalist in The Access All Areas Event Production Awards: 'Ones to Watch Category' and won the 'Most Innovative Theatre & Events Creative Workshop 2024' in the South East England SME News Enterprise Awards.

We caught up with Dan to find out what projects the team are working on at the moment, "We've now finished working on the Sherlock Holmes Museum, so the third floor is re-open for the public to visit. We really enjoyed using microelectronics to create moving, illuminated



props in the room, to create a magical re-telling of the fictional detective's life story."

"One recent project that was a lot of fun was creating the 'Mind Control Safe Game.' The headset detects electrical signals in the brain to measure levels of focus and when optimal focus has been achieved, the dials on the safe start moving and when the green light is activated, the contestant can claim the prize inside the safe. The safe can be customised for different companies to use on exhibition stands during trade shows and in such a competitive market, it's an eye-catching feature to draw professionals to your stand with purchasing power and potential sales leads."

Trade shows are an excellent way for companies to meet face-to-face potential customers and network in an otherwise video conferencing platform driven world. According to the 2023 Size and Scale Index for Exhibitions (SASiE) report published by EIA, during 2023, there were 1,016 exhibitions across UK trade, consumer and conference sectors, which was the highest number recorded since 2017. The total number of visitors to all the events reached 6,920,000, with an average of 3,000 per exhibition.

This is great news for the exhibition industry and with high-quality footfall reported across many events already this year, it is important to seize the moment and stand out against competitors. The 'Mind Control Safe Game' is a great example of emerging digitised, robotic technology that would never be out of place with hot trends such as robotics and AI-generated platforms.

"We have already made some great in-roads into the corporate sector and are currently busy making bespoke seasonal Halloween and Christmas costumes for corporate parties and a circus performance including giant Christmas Pudding heads, Halloween pumpkin heads and a Mr Tinsel outfit made exclusively from tinsel."

"With our creative theatre background, we can work on any projects from Christmas decorations in shopping centres, through to life-size installation models for hotels, bars, restaurants, holiday and leisure resorts and corporate spaces. We can offer high-tech gamification installations, through to 3D modelling, CNC modelling and fibreglass finishing."



Dan Barr, Director at Sandpit Creations presented the BCR Recommends Award

"We are open to all commissions across all sectors and can happily work on specific briefs or come up with our own ideas."

If you have an idea for a project across the building, hospitality and other sectors, contact Sandpit Creations today:
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but also integrates seamlessly with the natural environment, promoting sustainability and a connection to nature.

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You can read more on our beliefs and thoughts in this article: <https://theorieslandscapes.com/designing-bespoke-play>

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“Architecture is basically a container of something. I hope they enjoy not so much the teacup, but the tea.” Architect Yoshio Taniguchi



For over 20 years, Gromtec Europe Ltd has been involved in the manufacture and supply of mini floor boxes for a wide range of projects from airports to zoos, as well as a growing number of domestic projects. The modern built environment demands safe and plentiful access to power points. While wall sockets are typically the preferred location for power sockets, floor boxes provide power and data points for larger open plan areas, such as offices and concourse spaces.

Gromtec specialises in the supply of mini floor boxes where the surface finish is as important as the boxes function. Like a chameleon, the floor box must often blend into the overall floor finish. Inserts such as wood, tile, or marble are

commonly fitted into the floor box lid. We have over the years seen an increase in the specification of mini floor boxes in large domestic projects. Clients are seeking discreet access to power in the centre of their living spaces for a wide range of applications.

These thoughtful inputs greatly enhances and elevates our living and working environments and makes them safer by eliminating unsightly and dangerous trailing cables.

If you require more information about our 'mini' floor box range or our IP66 Simonbox product, please see our website: www.gromtec.com or call our office: 02032 867949, we will be happy to help. Enjoy the tea!

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Independent Access Sales is the sole provider of Socage in the UK, offering a wide variety of truck-mounted machines. This wide range makes it easy for you to find the perfect machine to meet your specific powered access needs. Independent Access Sales is also the sole distributor of Socage parts and machine servicing, giving you the peace of mind that your new machine will always be in safe hands.

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Service Sealing Solutions Ltd enters its sixth year of rapid success

Service Sealing Solutions Ltd is the sole UK distributor for the sealing industry's top manufacturers; DOYMA and HKD. It was when DOYMA granted Tina McAra, company director, the exclusive rights to distribute their products in the UK in August 2018, that led to the formation of Service Sealing Solutions Ltd.

With seven years of experience as a Technical Sales Engineer for the previous UK DOYMA distributor in her skill set, Tina grabbed the opportunity to contact DOYMA in Germany to ask whether she could take on the distribution in the UK. DOYMA were pleased to hear this as no-one else in the UK had the knowledge about their products that Tina had, therefore, DOYMA granted Service Sealing Solutions Ltd exclusivity in the UK.

Service Sealing Solutions Ltd specialises in providing the best in German engineering to seal penetration points in walls and floors to permanently prevent any infiltration of gases and water into the building. The products are designed to solve all watertight duct sealing requirements and prevent against structural damage.

Tina commented, "We provide DOYMA's products mostly to builders of commercial properties and we have provided for many of the large projects in London including HS2 and Kings Cross. Quite often services and electrics are installed underground and therefore have to have guaranteed water tightness."

Based out of Shropshire, Service Sealing Solutions Ltd has a UK wide customer base and works hard to distribute a high number of different products especially for DOYMA. Marked not just a distributor, the company also covers every aspect of a project, required by the contractor. Tina continued, "When you are planning a build, it is easy to forget the little details that make sure your building stands the test of time. Correct sealing can help keep the building's utilities accessible,



making any maintenance easier to complete with little disruption. Service sealing systems also prevent structural damage because wherever service ducts are installed through walls, ceilings or floors, penetrating water may cause damage to buildings."

Demanding building types, such as power plants, large industrial plants, reservoirs or airports, often require highly specialised custom-made

constructions. They place high

demands on the fact that building penetrations such as cables and pipe work, need to be permanently sealed. Through working with DOYMA, Service Sealing Solutions Ltd is able to provide bespoke sealing answers to many different problems.

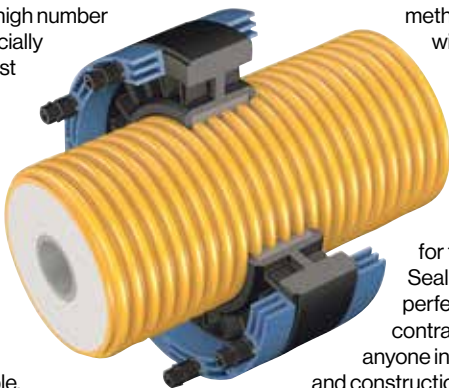


DOYMA has the expertise

and experience of over 50 years to develop and produce the best solution for your building or project. State-of-the-art design and manufacturing methods as well as professional simulation

methods will help to ensure safety

when using special constructions, and all with an unrivalled 25 year warranty. Being the sole UK distributor for these products, Service Sealing Solutions Ltd is perfectly placed to guide contractors, developers or anyone involved in the building and construction industry through



the relevant resources. The majority of the products distributed by the company are gaskets, which seal holes in



basements and cellars. These mechanical fixing products are a far superior version of expanding foam and are used by the commercial market in homes and buildings to guarantee excellence.

In terms of new developments, DOYMA has recently released its new generation Curaflex Nova® gaskets – professional solutions for tradesman with uniquely safe installation. Providing tradesmen with professional gasket inserts,

the new generation of Curaflex Nova® gasket inserts instantly solves sealing problems and is adaptable for multiple applications.

With other distributors providing similar products, what makes Service Sealing Solutions Ltd stand out? Because it only uses the very best in German engineering, the company's expertise, experience and willingness to go the extra mile for every customer means it really doesn't have

to work all that hard to remain competitive. The aforementioned 25 year guarantee is a very important aspect of all its services, and cannot be matched by competitors. Combine that with its years of experience in the industry which allows

them to consistently deliver on every level to the customers exact requirements means they are a distributor you can thoroughly trust.



Contact

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Service Sealing Solutions Ltd

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Leading bespoke joinery

Bluerun Ltd is a proud family-run joinery business with a difference. The Essex-based company bucks the trend by steering away from CNC machines. Instead, the team lovingly creates drawings by hand and assembles all projects in-house to industry high standards every time.

With a history spanning over thirty years, Bluerun completes bespoke projects for the commercial and domestic markets including the conservation/heritage sectors, internal and external windows, gates, decks, doors, fitted furniture, pubs and offices. Across commercial or domestic joinery service, Bluerun is happy to take enquiries for all projects, large or small, with the website housing a gallery of selected past completed projects, showcasing the high standard of craftsmanship.

"There have been quite a few jobs recently where we've had to manufacture replacement casements on listed buildings with the existing glass needing to be re-used. These have all been successfully swapped over. These types of jobs have to be made on a like-for-like basis. Similarly, we've also manufactured some side sliding sash windows recently for a listed building where council permission had to be

granted. This involved not only matching existing windows, but preparing suitable drawings for the home owner to send with their application," explained Dee Newman, Finance Director.

With all eyes on the 2050 UK Government net zero targets, Bluerun has implemented its own sustainable best practices through installing LED lights throughout the workshop, in place of traditional fluorescent lighting, in a bid to reduce the company carbon footprint.

"We are family owned and run, and this reflects in our work ethos. We are working on a couple of changes within the business to make it easier for our processes and customers. In the short term, we are finally adding a shop to our website for various items that have been manufactured during the quiet times such as mirrors, tables, clocks, etc. Long term we would still like to expand the bench joiner team and are working hard on how best to do that."

For more information, contact Dee and the team below:
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The Best of British Engineering



Multi-award-winning Shire Structures are a trusted Consulting Civil and Structural Engineering and Specialist Contracting Company with a history spanning 26 years, bringing engineering innovation to the forefront.

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"We Consult, Design and Construct on the more complex projects, that others won't touch in addition to standard stabilisation projects where our extensive expertise enables us to be ahead of the game", explained Head of Operations: Matthew Newis.

Shire has been recognised with awards for both design and innovation from the RIBA Architecture Award for the Zero Carbon House in Birmingham, to the RIBA West Midlands Award for the Michael Baker Boathouse, King's School. Numerous projects have also won the Timber Society 'Wood Awards', and its QuickBase system has also won numerous Product Innovation awards, including the Fenestration Industry Gold Award and 'Best Exterior Product' at Interbuild.

Recently, Shire was invited to join the Association of Specialist Underpinning Contractors (ASUC), and is proud to have a major involvement with the Subsidence Forum. This recognition has also recently resulted in them being asked to speak and take part in the recent I Love Claims Conference and on behalf of the IStructE at the Future Build Conference.

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We offer a range of key courses specifically designed for the construction sector:

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▲ **IOSH Managing Safety:** Ideal for managers seeking practical guidance on health and safety actions for their teams, promoting a safer working environment.

▲ **IEMA Sustainability Skills for Managers:** This course equips managers with insights into the strategic and operational implications of environmental sustainability, crucial for today's construction projects.

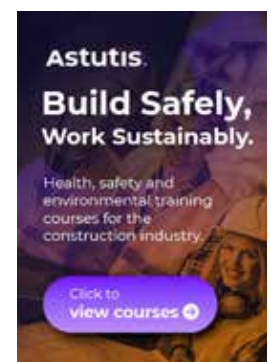
▲ **IEMA Pathways to Net Zero:** Designed to help businesses kickstart their journey to net zero, this course aids in developing

comprehensive corporate net-zero strategies.

▲ **NEBOSH General Certificate in Occupational Health and Safety:** One of the most widely held certificates globally, it provides essential skills and knowledge to create and maintain safe and healthy workplaces.

At Astutis, we go the extra mile to help our clients achieve the highest health and safety standards required by law, protecting their staff and fostering safer, more sustainable workplaces.

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Easyflow

Easyflow offers you with a single point of contact and a turnkey solution for all your underfloor heating and liquid floor screed needs. From designing and installing your underfloor heating, to a full laser survey on site, to the supply and installation of your liquid floor screed.

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- ▲ Completely versatile, lay tiles, carpet, or wood
- ▲ Control remotely

Benefits of Liquid Floor Screed

- ▲ Reduced screed thickness
- ▲ Better heat conductivity
- ▲ Fast drying and thermally guaranteed options
- ▲ Can be force dried
- ▲ Greater compressive strength than traditional screeds
- ▲ Levels survey carried out for accuracy
- ▲ Environmentally friendly

UNDERFLOOR HEATING

We are dedicated to providing our clients with the very best in underfloor heating systems, together with customer care above and beyond expectations. Our experienced consultants are dedicated to investing their time in planning and



designing your underfloor heating system, ensuring that you are supplied with an underfloor system of the very highest standard. At Easyflow good advice and quality products go hand in hand.

LIQUID FLOOR SCREED

Anyhydrite flowing floor screeds are based on a synthetic anhydrite binder rather than OPC Cement giving them many unique benefits over cement screeds, the most obvious difference is their fluid application compared to semi dry cement screeds, but they also offer higher compressive and flexural strength, lower shrinkage, eliminate reinforcement, improve surface finish and greatly improved underfloor heating performance.

FASTER-DRYING SCREEDS

Easyflow can now supply a range of faster-drying products that can offer reduced drying times – 10 days for tiling and 28 days for wooden floors in non-heated floors, in heated floors 14 days for tiling and 21 days for wooden floors.

T 01743 298001
www.easyflow.org.uk

Air conditioning and heating solutions

Clima-Tech was founded in 2015 by Ashley Shemmings, a self-employed specialist in heating engineering with over 18 years' experience in the engineering industry. Clima-Tech is a family run business and alongside Ashley, wife Franki Shemmings works in the office. What started off as a maintenance and servicing company, soon evolved into a specialist multi-faceted service with a proven track record in the electrical, refrigeration, domestic, and commercial sectors.



first, second and third place in the following: 2019 National Energy Efficiency Awards, Energy Efficiency Champion and Commend Renewable Heat Installer & Contractor 2020/21 and the National Energy

Efficiency Awards 2020/21. Another milestone for the company was in 2021 when Clima-Tech employed its first member of staff.


Clima-Tech specialise in a range of core services in the renewable energy field for MCS/RHI registration systems, Heat pumps, Heating systems, Electrical system design and installation, System commissioning, Air conditioning, Solar panel specification, design, installation, repair and maintenance, and Underfloor Heating and Plumbing works.

We now have a showroom open in Martlesham. We want to help more households experience the benefits that heat pumps can bring – and to encourage early adopters to make the move.

Contact
T 01473 798321
ashley@clima-techservices.co.uk
www.clima-techservices.co.uk

Clima-Tech has been the receiver of many awards over the years receiving





WARDELL LONG LENGTHS





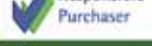


We are an independent family owned and run timber importer based in Goxhill, North Lincolnshire. We mainly specialise in large-section timber, irregular sizes and long lengths and are able to provide the non-standard sizes that many others cannot.

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- Our customer base consists of timber importers and merchants as well as national chains of builders' merchants

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Nationwide Louvre Company

Nationwide Louvre Company manufactures high quality aluminium Louvres, Louvred Doors, Louvred Plant Screens, Acoustic Louvres, Acoustic Screening, Aluminium & Timber Brise Soleil/Solar Shading.



Nationwide Louvre Company offers a full supply and installation service to its customers throughout the UK and have completed a number of projects in the Channel Isles and Europe. The business installs bespoke made to measure quality products on residential, commercial and construction projects.

Nationwide Louvre Company specialise in Brise Soleil and louvred plant screening. Brise Soleil projects are supported with computer simulation software to assess the effectiveness of our products in reducing the effects of solar gain on buildings.

Brise Soleil not only enhances the appearance of a building but will provide a much better living or working environment for the building's occupants, with the added benefit of reducing glare to help with

computer work and will reduce the running costs of mechanical ventilation and air conditioning.

Our Screening Louvre Systems are used to hide roof mounted plant and equipment and are available in a range of blade shapes and sizes. Supplied in an enormous range of colours and finishes will screen unsightly equipment and enrich the building façade.

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Seviour Timber Frames use skilled labour to form a complete timber frame construction.

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Glamping business for sale

Hampshire couple Tiffany Wilson and Tim Ferguson have spent seven wonderful years running their dream company: Dorset Bell Tents. The family-run business has supplied bell tent hire for a variety of events such as weddings, garden parties, corporate fundraisers through to children's birthday sleepovers across Dorset and surrounding areas.



Dorset Bell Tents

Dorset has everything from beautiful coast lines to summer food and music festivals.

Our bell tents are popular from April to October for all events and we offer three graded packages.

Our heavy-canvas bell tents have frequently been the only ones left standing, even after the storms of late. Their brilliant design keeps you warm in colder months and cooler in summer.

The new owner will inherit all our summer 2024 bookings, including repeat business, all stock, website/ social media and company name." added Tiffany.

In 2022, a report by Research and Markets stated the UK glamping market was worth £5 billion. With an annual growth rate of 10%, it has shown no signs of slowing down.

If you've always dreamed of running your own glamping business, here's your chance. Dorset Bell Tents is looking for a new glamping-loving owner.

"We want to pass on our business to a new owner and what an opportunity!



If you're interested in the opportunity of a lifetime: contact Tiffany or Tim with all serious offers below:
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www.dorsetbelltents.com

White Horse Contractors: Constructed with integrity

Founded in 1957 in the Vale of the White Horse, Oxfordshire, White Horse Contractors has significant heritage in soil and water engineering solutions for over 6 decades. The company have continually excelled in their heartland of agricultural land drainage and irrigation whilst applying their specialist knowledge to the sport, leisure, amenity, and environmental markets. Following the acquisition of the company and its incorporation to The Slatter Group in March 2019, White Horse Contractors continues to grow and look forward to the future.



in-house, dedicated, highly professional team. Working within the confines of the sporting calendar to manage deadlines and budgets is integral to the success for their clients.

What makes the perfect partner from conception to completion of a project? A company who works closely alongside our clients from elite professional clubs, amateur clubs, local authorities, independent schools, and private clients to create a single bespoke solution. Trusted to deliver their vision and aspirations embodying the company moto, Constructed with Integrity.

www.whitehorsecontractors.co.uk
www.theslattergroup.com

White Horse Contractors have many years of experience working with elite clients and sports teams on flagship projects across the UK. These include the Alexander Stadium used for the Commonwealth Games, Luton Town FC, Watford FC, Queens Park Rangers FC, Guards Polo Club, Eton College, Whitgift school and many more, all of whom received full support of our



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Futurebuild 2024



Futurebuild is the leading annual event for the built environment industry, bringing together sustainable innovations and solutions. This year's event was held from 5th-7th March at the ExCeL in London.

The entire supply chain was brought together under one roof for three days, uniting exhibitors with architects, designers, surveyors, contractors, builders, developers, manufacturers, engineers, consultants, merchants, trade associations, investors, stakeholders, Local Authorities, policy makers, Housing Associations and Government Ministers.

With over 400 brands, 257 exhibitors, 555 speakers and 18,097 visitors, it was one of the biggest shows yet, with a total of 52,643 leads collected. That's an average of 205 leads per exhibitor and with 74% of visitors making decisions/holding purchasing power, many exhibitors were inundated with enquiries.

The National Retrofit Conference was successfully launched this year at the event, attracting 2,820 retrofit professionals with practical demonstrations, step-by-step guides and ample opportunities to network. The conference was a partnership between Futurebuild and The Retrofit Academy and focused on decarbonising existing housing stock and featured government ministers, senior policy makers and city leader speakers addressing many of the industry's main concerns. The conference organisers ensured best practice and practical advice were shared to help fast-track towards a greener future.

Many companies now communicate mainly in Teams meetings throughout the year, so having the opportunity to meet face-to-face was a hugely positive experience and the impact of Futurebuild 2024 went beyond the three days, with many sharing stories on social media for weeks afterwards.



70% of Futurebuild attendees were looking for new innovations and the first of our three Top Exhibitors: Danosa UK certainly delivered with its roll-out of green roofing drainage solutions and bituminous cap sheets.

Our second Top Exhibitor GeoShield was the second busiest stand on day one and it's easy to see why. The company offers third-party integrity testing for waterproofing layers, as requested by LABC, Premier Guarantee, NHBC and other UK warranty providers.

Our final Top Exhibitor was Cibes Lift UK: subsidiary of the global giant Cibes Lift Group, one of the world's largest manufacturers of platform and cabin lifts. The team showcased its range of Platform Lifts to impressed professional visitors across the built environment sector.

Futurebuild 2025 will be celebrating its 20th anniversary, alongside the theme of 'Impact' – where it is asking, how can the built environment make a positive impact on communities, through driven innovation and sustainability?

Save the date:
Futurebuild 2025
4th-6th March
ExCeL London

<https://www.futurebuild.co.uk>

Elevating at Futurebuild 2024

Cibes Lift UK: Subsidiary of the global giant Cibes Lift Group, one of the world's largest manufacturers of platform and cabin lifts impressed at **Futurebuild 2024** held at London's ExCeL from 5th-7th March.

The secret to the company's success is total in-house ownership of the design, manufacturing, installation and servicing process of all its Platform Lifts, Cabin Lifts and Goods Lifts. Established over 70 years ago, all products are designed to high Scandinavian engineering standards, with over 70,000 lifts manufactured to date in over 70 countries. The lifts are commissioned directly to end-users in offices, schools, public spaces or homes or via bespoke specifications from architects, builders or contractors.

Cibes Lift UK has three UK bases in Bexleyheath, Hartlepool and Mountsorrel, near Loughborough.

During the three-day Futurebuild trade event, Cibes Lift UK showcased its Platform Lifts to professional delegates across the built environment sector. The range of Platform Lifts are affordable, space-saving lift solutions for every building. There is no machine room with this lift range and with a lower pit and top

height, compared to standardised lifts, there is reduced structural work, refurbishment and overall construction costs.

The Market-Leading platform and cabin lift leader was proud to demonstrate their energy-efficient, three-side access, silent technology design. Visitors to the Cibes UK exhibition stand were invited to try out the Platform Lift, with many commenting on the flawless lift experience.

The Platform Lift range includes the following models: Cibes Cloud Plus, Cibes A5000, Cibes A4000 and Cibes Air, with customers able to choose between standard and luxury products, a range of colours for interior or exterior installation. In the event of a power outage, the



lift range continues to power on battery-mode, giving reassurance to lift users at all times.

To experience the latest in lift innovation and accessibility, please see the website below:
T 0800 085 0269
info@cibeslift.co.uk
<https://cibeslift.com/en-gb>

GeoShield leading the way in roof deck waterproofing integrity testing

GeoShield was back at Futurebuild 2024 from 5th-7th March at London's ExCeL to discuss third-party integrity testing for waterproofing layers, as requested by LABC, Premier Guarantee, NHBC and other UK warranty providers. Adam Oak, Technical Manager and Luke Cole, Roofing Manager explained to Futurebuild attendees about how GeoShield can support with latent defects warranties through the Warranty Support Function.



Leak Detection surveys (as per RAWTA guidelines) are incredibly important for both Blue & Green roofs systems, ensuring that not only is the current system watertight but also that its application was correct to achieve performance longevity.

"Futurebuild was a huge success this year – we had the second busiest stand on day one. What surprised us the most was how many weren't aware of the third-party integrity testing for waterproofing layers required by UK warranty providers."

"GeoShield is striving to ensure safer & healthier environments for the population of the United Kingdom to live, breathe and prosper."

Please see the details below:
T +44 (0)113 320 8639
info@geoshield.co.uk
https://geoshield.co.uk

Established in 2015, GeoShield are members of the Roofing & Waterproofing Test Association (RAWTA), Liquid Roofing and Waterproofing Association (LRWA), Confederation of Roofing Contractors (CORC), Consultant Member of the Green Roof Organisation (GRO), and Associate Member of the Home Builders Federation (HBF).

The company are third party experts in waterproofing liner leak detection for all types of SuDS stormwater attenuation installations, single ply, fully bonded and spray applied coatings. Electronic

Award-winning Danosa UK impresses at Futurebuild 2024

It's been a successful few years for Danosa UK. As a leading global manufacturer of waterproofing and insulation solutions, they celebrated winning the Best New Build 2023 award in collaboration with Invictus Roofing at the Single Ply Roofing Association (SPRA) Awards. The Hampshire-based company was nominated across four awards in total and the Best New Build Award was for a Bellingham Commercial Project alongside Invictus Roofing Ltd.



nodular sheets (HDPE) can act as green roof drainage solutions, providing rotproof permanent barriers to building water leakage, whilst transforming roofs into green spaces."

2024 has been busy with this unstoppable company on a roll. Danosa UK has now launched a new product to join its flat roofing solutions family: **Self-Dan AL Pro**, a 1.0mm self-adhesive, foil-faced AVCL, offering optimised puncture resistance and protection against foot traffic.

"Futurebuild 2024 was the best footfall we've ever seen and we've promising sales leads for our green roofing drainage solutions and POLYDAN PRO NOX 50/GP and NOX 60/GP bituminous cap sheets. These robust waterproofing systems, with service life's of over 30-years reduce harmful NOx particles in the atmosphere by over 8%."

Back in March this year, Danosa UK exhibited at **Futurebuild 2024** from 5th-7th March at ExCeL London and with a focus on sustainability at this year's event, MD Katie Pace talked to us about the roll-out of 'Green Roofing'; "We recently supplied green roof solutions for the Radisson Hotel at Heathrow Airport, providing multiple opportunities for vegetation, biodiversity and carbon capture, in a traditional urban aviation setting. These green roofs act as localised ecosystems but have the distinct advantage of optimising stormwater management, energy efficiency building insulation and an overall reduced urban heat island effect."

"Danosa UK is dedicated to incorporating sustainability principles in our operations, demonstrated by our participation in the Co2nstruct Zero Business initiative. With over 40% of our raw materials being recyclable, we are contributing to the efforts towards reducing environmental impact in the built environment sector."

See Danosa UK at Futurebuild 2025:
4th-6th March ExCeL London:
<https://www.futurebuild.co.uk>

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– Latent Defects Policy Support

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Building together

If you are looking for high-quality fire-rated glass solutions for your next building project, look no further than Fire Glass UK

In this issue of Building & Construction Review, we are excited to spotlight Fire Glass UK, specialists in fire-rated glass solutions to enhance building safety by effectively containing and slowing the spread of fire and smoke.

The 'Fire Glass Journey' began in 2008 when Sean Haynes started with a single cutting bench and two staff in a shared factory. Celebrating 15 years in 2023, Fire Glass UK has grown into a market leader in fire-rated and specialist safety glass with its success stemming from hard work, dedication, and a commitment to integrity.

"Customers trust Fire Glass UK to deliver exceptional service and meet their needs in a challenging marketplace. Fire Glass UK is dedicated to excellence, embodying the principles of Safety, Quality, and Service, known as the Fire Glass Promise. This commitment is the foundation for building trusted relationships. At Fire Glass UK, getting it right every time is our priority," stated Sean.

The company provides a wide range of fire-rated and specialist glass, including products from Pyroguard, Pilkington, and AGC. Its offerings encompass wired, laminated, acoustic laminated, toughened, and mirrored glass, as well as fire and non-fire rated IGUs with integrated blind options. With in-house processing facilities, they ensure full control over orders and short lead times from nationwide branches. Their experienced fitters are FIRAS certified and offer installation services for fire-rated glazing. Additionally, Fire Glass UK provides technical support, CPD presentations, CNC work, decorative filming, sandblasting, and a specialist cut-size service for partitioning companies.

With a network of nationwide branches, Fire Glass UK's head office and midlands branch is based in Oldbury along with a separate installations division. The Midlands branch has recently seen the addition of a Bottero CNC machine with capabilities to handle various tasks from cutting arches and creating cutouts to polished edges and drilling holes with the utmost precision.



"The Bottero CNC machine has revolutionised our glass-cutting capabilities at the Midlands branch. With its precision, efficiency, and versatility, we've increased our productivity, improved quality, and expanded our product range. It's not just a machine; it's a game-changer that has helped position us as leaders in the industry, allowing us to take on even the most challenging projects with confidence," added Sean.


Furthermore, 2024 welcomed its first European office in Seingbousse, France.

"Fire Glass France is the first European Fire Glass branch to be opened as part of our growth plans. This 7,000 sq. ft. space will offer our full range of fire-rated and non-fire-rated glass processing services, including cut-to-size fire-rated, laminated glass, double glazed units, toughened glass, and mirrors. Following significant growth in European sales, setting up our first European branch, Fire Glass France, was a natural next step. It will serve customers across France and provide fast turnaround for glass requirements in Germany, Holland, and Belgium," stated Sean.


Fire Glass UK best serves customers from the following sectors: Architecture, Main Contractors, Joinery, Door Companies or Partitions and Screen Manufacturers, and Glass Companies. To focus on environmental issues is the next step for the company alongside developing and improving employee training to maintain its market leading position.

Discover more innovative products and how they contribute to safer, more resilient structures below:
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SCAN ME

With seamless integration, discover Henco's efficient underfloor heating solution

Henco, an industry world leader in producing high quality sustainable pipes, connections, and fittings for the heating and cooling sector, has introduced a seamless and detectable underfloor heating system to their range.

Henco's underfloor heating and floor cooling systems are engineered to provide even heating or cooling distribution throughout residential, commercial, and industrial spaces. Produced with high-quality materials, the advanced multilayer pipe network guarantees a comfortable environment with an efficient thermal output. The Henco system also provides flexibility for integration into both new and retrofit projects, ensuring seamless installation and minimal disruption. Additionally, the Henco system is easily detectable due to its aluminium core.

The new Henco Flex piping solution connects Henco's underfloor heating with energy-efficient heating applications such as heat pumps. Henco Flex is lightweight but sturdy, plus due to the multilayer pipes

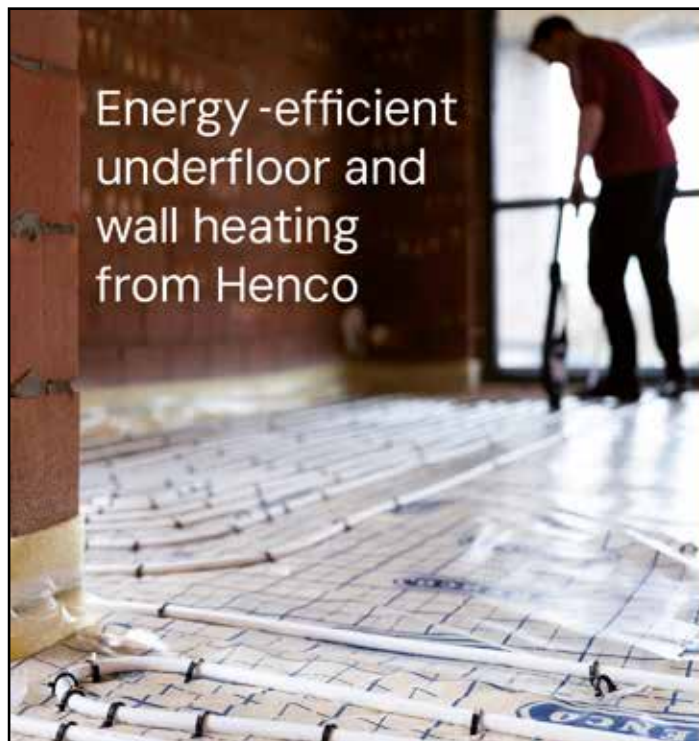
being integrated centrally in the insulation, Henco Flex can connect with either the Henco Press, Henco Brass Press or Henco compression fittings.

Underfloor heating is a cost-effective solution that can be easily customised to suit different building layouts and requirements. Henco offers intelligent control solutions that enables precise temperature regulation and scheduling, empowering users to control heating zones individually, optimising their energy consumption. The Henco team has an



experienced design team that offers a first-class service, from technical advice, to detailed scale plans for the installation.

For more information on the Henco range, please visit: <https://www.henco.be>



Energy-efficient underfloor and wall heating from Henco

Henco's popular and sustainable systems are engineered to provide even heat distribution throughout residential, commercial, and industrial spaces.

Key benefits:

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- A perfect partner for heat pump installations
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BespokeCrete creates custom and bespoke furniture, outdoor kitchens, kitchen worktops, waterfall islands, patio sets, indoor table & bench sets, coffee tables, baths, sinks and so much more. Every item is custom built, by hand - using local materials and trades, in our Norfolk workshop. BespokeCrete crafts furniture from wood or steel - that is coated in our full Microcement system, over several days - creating a strong and fully waterproof surface that is heat, stain and scratch resist.

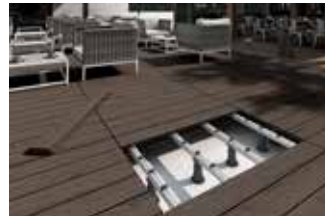
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Bespokecrete work with designers, architects, contractors and the general public with a large proportion of our work being completely bespoke. Microcement is available in a multitude of colours - now with the option to colour match to RAL, Farrow & Ball, Dulux, Little Green, Fired Earth and Pantone colours.

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year round. Its zero-water absorption minimises movement, substructure dependant, unlike composite and timber, which are susceptible to expand and contract. The scratchproof and stain-resistant surface maintains a pristine appearance throughout its lifetime.

Fast and easy to install, and low on maintenance, EXADECK is a cost-effective choice that lets you focus on your creative designs without worrying about durability. A 30-year warranty is included for peace of mind.


For architects seeking a superior decking solution, EXADECK is the perfect choice. Discover more at: www.firedeck.uk and see how EXADECK can transform your outdoor projects.



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Case study



C40 Curaflex Doyma Gaskets

One of the UK leading installers of pre-insulated district heating systems, Vital Energi Utilities Ltd, use Doyma Curaflex C40 Gaskets to provide a water and air tight seal for all below ground building entries. The specialist installations can be subject to slight movement through expansion and contraction as the system heats and cools.

The Curaflex C40 Gasket is designed to accept the axial movement that may occur during the operation allowing Vital Energi to seal both the opening of the building

façade as well as the HDPE outer-casing.

Vital Energi's Managing Director, Ashley Walsh, noted, "This provides our installation with an excellent termination. It provides confidence both to ourselves and our clientele that we'll leave the fully installed works sealed from any moisture ingress while providing a product that has the flexibility and capability to work alongside our very complex pre-insulated products."

For more information visit: www.servicesealingsolutions.co.uk

Service Sealing Solutions Ltd – suppliers of DOYMA products



Service Sealing Solutions Ltd are the sole UK distributor of DOYMA products. Wherever services are installed through walls, ceilings or floors, penetrating water may cause damage to buildings. Lack of attention to the points of entry of pipes and cables into the building can have serious results: damp cellars, equipment damaged by water ingress and high repair costs. Service sealing systems ensure professional and perfect pipe sealing, thus presenting excellent preventative measures against structural damage.



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Introducing Vision Development: Where tradition meets innovation

In the world of construction, few materials embody the timeless allure of timber. At Vision Development, we honor this tradition while embracing modern innovation to deliver unparalleled craftsmanship and quality.

With decades of experience in the construction industry, Vision Development has perfected the art of marrying natural beauty with structural integrity. Our team of skilled fabricators meticulously handcraft each timber frame structure using sustainably sourced wood, ensuring both durability and environmental responsibility.

What sets Vision Development apart is our unwavering commitment to customisation. Whether you're envisioning a cozy cabin retreat or a sprawling architectural masterpiece,

our experts work closely with you to bring your vision to life. From intricate joinery to stunning finishing touches, every detail is tailored to reflect your unique style and preferences.

But Vision Development isn't just about aesthetics – it's about reliability. Our timber frames are engineered to withstand the test of time, providing a solid foundation for generations to come. Plus, our streamlined construction process ensures timely completion without sacrificing quality.

Experience the timeless beauty and unmatched craftsmanship of Vision Development. Elevate your space with a timber frame that's as enduring as it is breathtaking. Contact us today to begin your journey toward a home that stands apart.



[Click here to head to the Vision Development website to see the timber frame projects they've completed.](#)

Contact Vision Development on: 01189 712181 or email them at info@vision-dsl.com for more details on their products and services.

BETTABLOK®



Natural Building Materials

From 2012 to 2016 Malcolm found himself experimenting to create the perfect, building block that is kind to the environment. As well as ideally being easy to build with.

During the 4 years, Malcolm created the perfect mix ratio for consistency of blocks to build both single walls and buildings.

Once the mix was perfected the BETTABLOK was born, cue finding handling equipment MOGGY THE BETTABLOK BUILDER.

Think a BETTABLOK® building is for you? Contact us today for more information

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✉ office@bettablok.com



Wallbed Systems: No compromise on safety, comfort and ease of operation

Wallbed Systems Ltd (WBS) is a London-based global business providing an exclusive range of wall bed hardware designs to furniture manufacturers, hardware distributors, retailers, and hospitality contractors worldwide, for over 20 years.

Initially a major supplier to the USA market, Wallbed Systems Ltd (WBS) has been designing & manufacturing spring systems, allowing for safe & precise tension adjustments and easy lifting, with no compromise on comfort or convenience. Sales coverage includes over 22 countries.

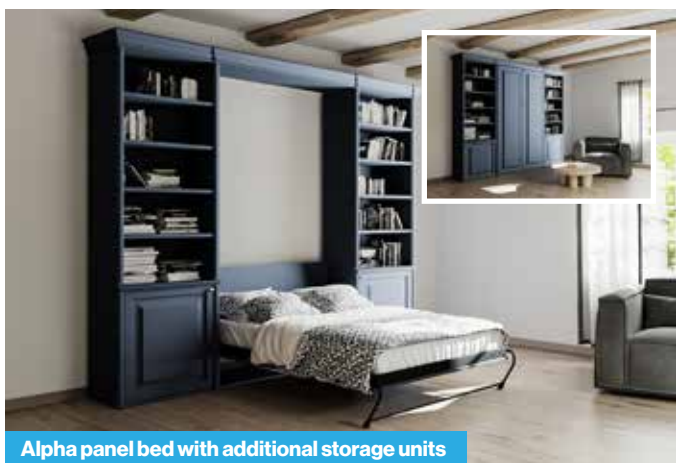
Let's focus on three of its most popular products globally.

The Alpha bed – a best seller design in 20 countries

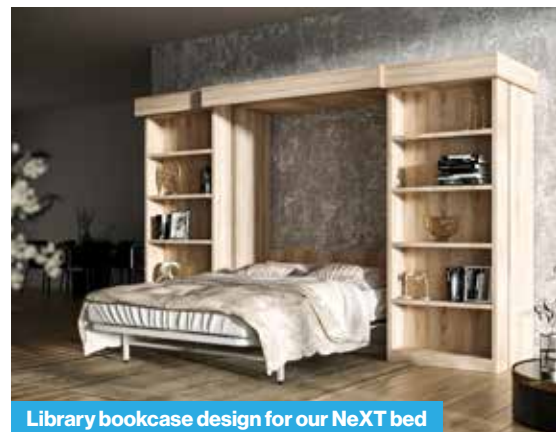
The Alpha bed system is available in standard and special sizes, vertical and horizontal mounting, with a choice of leg options and even a desk. The lightweight Alpha bed frames feature robust steel construction with reinforcing stiffeners, available in single, double, queen, and king sizes. This system includes the adjustable SBLM for perfect balance and easy, safe fingertip operation. Disappearing desk available too.

Hallmarks of WBS design

WBS wall beds are easy to install, fit mattresses up to 300mm, and ensure a great night's sleep. They include a counterbalance spring mechanism, frames, mountings, pivot system, springs, and fasteners. Powder-coated parts are ergonomic and durable, and the beds open and close with minimal effort.



Alpha panel bed with additional storage units



Library bookcase design for our NeXT bed

NeXT bed

The latest NeXT bed offers an immediate, ready-to-use solution with or without a cabinet, providing comfort like a conventional bed. Products are stocked globally, with advice available on options and sizes.

For more information on the full product range and cabinet designs:

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rapidFit[®] Riser Doors



Summary of Rapid Access

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We take pride in our role as a top supplier and strive to continue delivering excellence in all we do.

Beaded Frame changes



The beaded frame width on our R53 Plasterboard Faced Riser Door range will be changing from **25mm to 50mm**.

This will give us greater stability when handling and transporting our panels, reducing the risk of snagging and bending

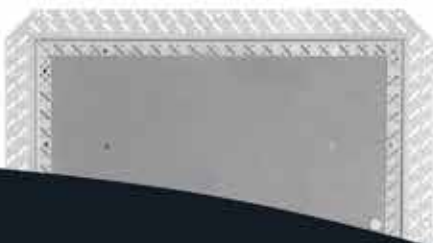


Sliding Hinge System

Simply push and slide the door into the frame and the RapidFit pins will release securing the door.



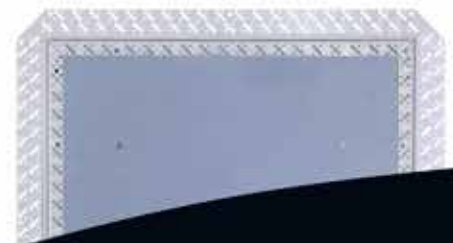
R53 Non Fire Rated
Up to 2400 x 1800mm



R53 1 Hour Fire Rated
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R53 Fire, Acoustic & Airtight
Up to 2400 x 900mm





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Hebridean housebuilder specifying SterlingOSB Zero on sustainability grounds

Situated seven degrees west of the Greenwich Meridian, and exposed to some of the harshest weather conditions anywhere in the British Isles, the Hebrides present a challenging location for building projects, prompting a recently-established building company to adopt offsite construction technologies which make full use of the technical and environmental benefits of West Fraser's SterlingOSB Zero.

70-22' Systems was established in 2022 by three business partners whose experience encapsulates architecture, education and manufacturing amongst other skills, and who decided to develop their own highly-insulated, modular timber building system. Growing organically by providing bespoke packages to clients of parent business, Fraser Architecture, 70-22' has already delivered properties on the Outer Hebrides; and has more than half a dozen schemes of different sizes in the pipeline for the coming year.

The trademarked system has been designed specifically to avoid the need for craneage, due to the inaccessibility of many sites, while the cellular component modules take the form of wall blocks, lintels and beams to span larger openings. The SterlingOSB Zero is CNC machined and assembled in the workshop before being filled with Warmcel recycled paper insulation.

Significantly, the 70-22' Systems design personnel were determined from the outset to utilise the West Fraser board because of its formaldehyde free formulation and the fact the material is manufactured in the North of

Scotland, using mainly locally sourced softwood from well managed forests.

70-22' Systems' co-founder and Commercial Director, Alex Durie, commented, "We use West Fraser's SterlingOSB Zero to construct our ecological building components, that are prefabricated in our workshop utilising CNC technology to achieve 0.1mm tolerances for each beam and block. It is the ideal material to use as the shell for our components, which are then filled with recycled insulation to achieve a building system that can achieve market leading thermal performance, with a U-value of 0.1 W/m²k, and excellent air-tightness, while maintaining a breathable floor, wall and roof construction. The added bonus of being formaldehyde-free, OSB enables us to build ecologically, utilising timber grown and processed in Scotland as we aim to limit the travel miles in each of our builds. The OSB produced by West Fraser has performed very well in our structural testing, with our system proving to be 1.6 times stronger than a traditional timber frame – and as our system arrives on-site as a component that is pre-fabricated, pre-insulated and designed for manual handling, it is much quicker to assemble."

Not only do all of the 70-22' Systems structures exceed the thermal requirements of Section 6 to the Building

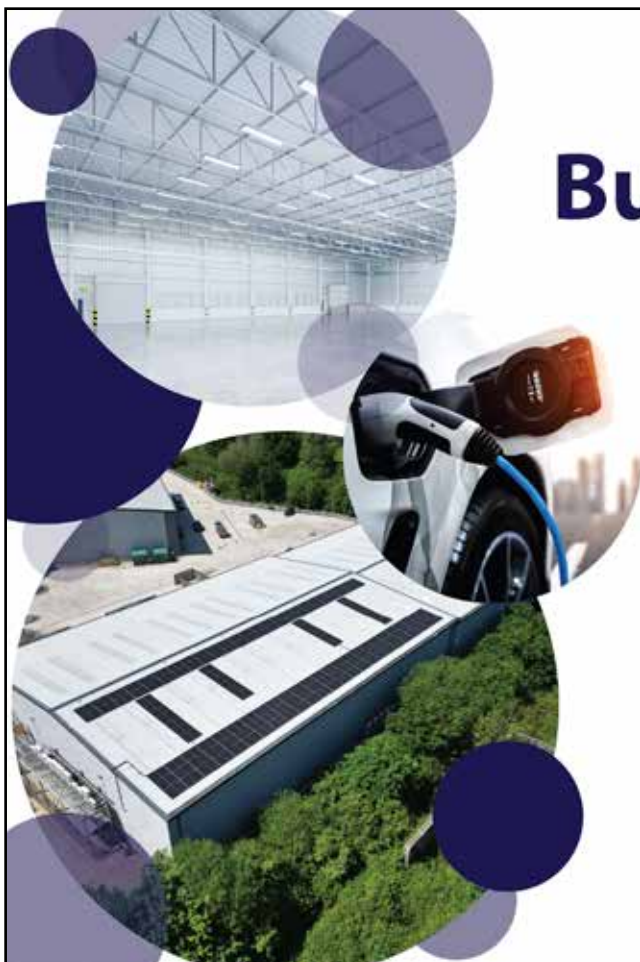


Standards, Scotland, but can also be delivered as a Passivhaus compliant solution where the client or planning consent demand it. In the medium to long term, the business is building a pattern book of standard house types and has plans to establish a pilot plant on the mainland. The company will also be showcasing its system at the Self-Build and Renovation exhibition in Aviemore this autumn.

SterlingOSB Zero is available in a range of sizes and thicknesses up to 22mm as well as a T&G version ideal for flooring and decking applications. The high performance panel product, free of added formaldehyde, has also earned BBA approval and meets the requirements of NHBC Technical.

As is always the case, West Fraser's experienced technical team is available to aid with product specification, while downloadable data sheets are available at: <https://uk.westfraser.com>

For further information, call 01786 812921 or visit: <https://uk.westfraser.com>



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Innovative Base Screens speeding up construction programmes across the country

Base Structures are announcing a new offering from its tensile fabric experts, Temporary Weatherproof Screening, promising to speed up building programmes and mitigate against weather delays on site.



provide a bespoke solution to ease the installation, movement and removal of the screens at various points in the building programme at specific fixing points. This means that there's no requirement for scaffolding, minimising any potential for damage to works that have

are well placed to help teams find solutions to keep building programmes on track despite the rainfall and weather challenges we've seen this springtime."

Base Screens are a new product that provide a unique and efficient solution for weatherproofing requirements on construction sites. Quick to install and demount, they are customisable to meet specific site conditions, which presents contractors with the chance to remove conventional cladding from a programme's critical path. This accelerates the construction schedule and allow teams to progress with fit out works, staying ahead of any delays that the changing climate may bring.



Base Screens are made of PVC fabric that can cover large areas. They're durable, easy to clean, fire retardant and a low-risk option, offering a less labour-intensive and safer solution than other more traditional weatherproofing options.

Base Structures have produced case studies of their work in this area, which can be found via the links below:

- ▲ Project Resilience - Base Structures
- ▲ Engineered Temporary Weather Screens
- ▲ Dublin Terminal 2 Temporary Works Screens

They have also produced a blog post detailing some of the [benefits of adding weatherproof temporary screens](#) to your next building project.

Andy Traynor, Director at Base Structures and Head of Installations and Health & Safety, said, "Our in-house expertise and engineering capabilities mean that we can design, manufacture and erect temporary weatherproof screens very quickly and to fit an existing structure, safeguarding construction works from external elements.

already been completed.

"We're delighted to have been able to offer this innovative solution to several happy clients across the country, and with an increase in this kind of work, Base Structures



For more information, case studies, images or quotes, please contact: mail@basestructures.com or visit: www.basestructures.com/contact-us

"By installing screens early in a project, we can

Revo Hand-Arm Vibration Meter

Your Precision Partner for Hand-Arm Vibration Safety



Measurements are accurate and in accordance with Regulations



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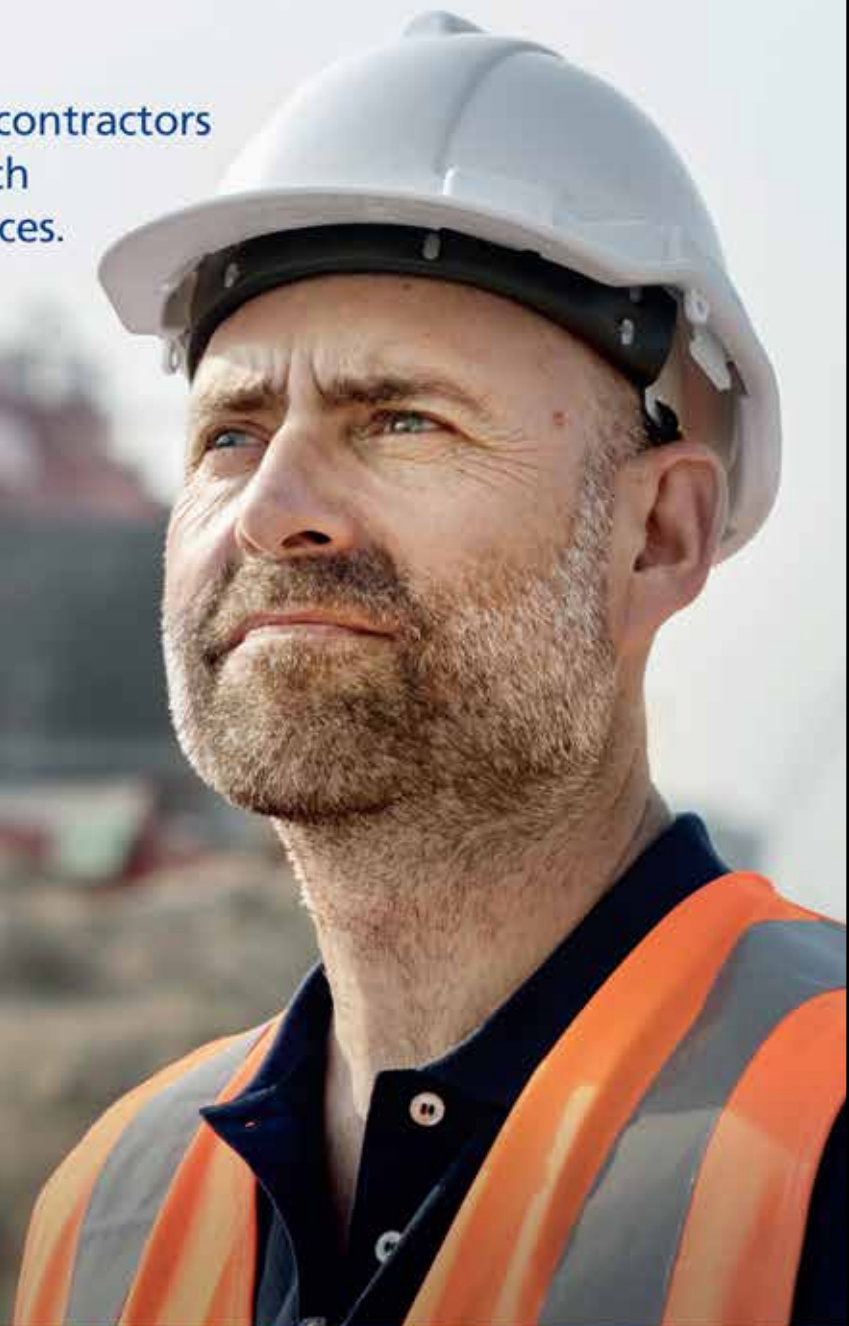
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