



Building & Construction Review

ISSUE 404 February 2024

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Quality bespoke joinery – crafted to perfection

Bluerun manufactures quality, bespoke joinery items and everything is made to order, nothing is 'off the shelf.'



If you're looking for items made from both hard and softwood or even veneered and painted panels, Bluerun can reproduce an array of items including replacement sashes, where it can manufacture a brand new one on a like for like basis, so the mouldings will match.

Bluerun only produce purpose made joinery to client's drawings and specifications. Its unrivalled level of customer services means that free quotations are normally provided within 2-3 days or less, and the company can usually deliver a quick turnaround of any manufactured items required. And, because it has an experienced spray operative in charge of a modern spray paint and lacquer facility, articles can leave the factory in a fully finished state, ready for installation on-site.

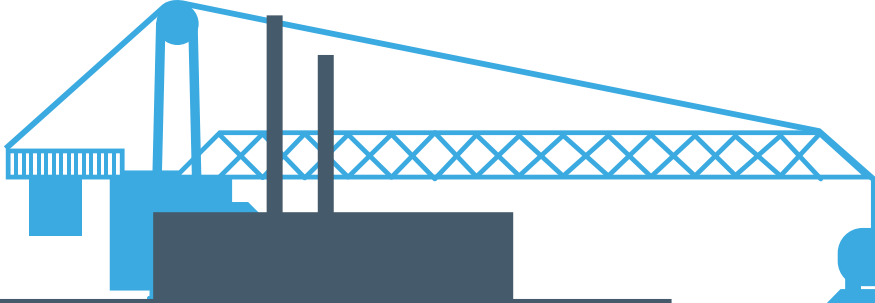
What really sets Bluerun apart is that since its establishment it has never used computer aided machinery for any designs. Crafted to perfection, all items are finished by hand, drawings are prepared with pencil and paper, and everything that



is manufactured by the team has been done so with the utmost attention to detail.

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Hello & welcome to Issue 404 of BCR...

Welcome to our February issue of Building & Construction Review. As we head into early Spring, it might be time to reassess your social media strategy, embrace more sustainable best practice or think about exhibiting at one of the many seasoned trade shows across the country.

Efendi Architectural receives our Commitment to Excellence Award for outstanding holistic outsource marketing services to the construction/manufacturing sectors. Read more about its successful partnership with Ibstock Future on [page 4](#).

Pandor displays Commitment to Excellence for its industry-leading manufacturing of customised doors and panelling across the UK. Find out more about the in-house glazed timber door set lab furnace testing on [page 3](#).

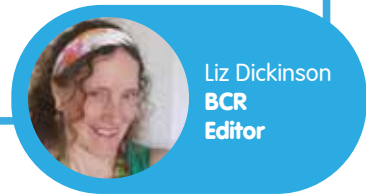
Service Sealing Solutions Ltd is showcasing the DOYMAfix® on [page 6](#) as our Company of the Year 2023. Aimed at heat pump installers, the seal supports a move towards more renewable energy sources.

Park Realty Group on [page 8](#) and Harvey Water Softeners on page 10 are our New Year Spotlight Award Winners 2024. Read all about caravan, park and luxury homes and water softener innovation respectively.

Congratulations to Kelly Tanks for its 10th anniversary this year- read more about the water treatment and concrete washout solutions giant on [page 26](#).

Don't forget to send us your latest construction updates and news.

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Bespoke doors and panelling with quick delivery times



FD120 fire door test at 140 minutes!

In this issue of Building & Construction Review, we are delighted to select Pandor with our Commitment to Excellence.

Pandor is an industry-leading manufacturer of customised doors and panelling across the UK to sectors such as commercial buildings, offices, hospitals, flats and many more.

Established in 2014 by Mike Hill, the company has grown exponentially over the last ten years, priding itself on supplying exceptional customer service and high-spec products. Owner Mike has considerable expertise in the fire door industry spanning over forty years and has taken the time to focus on customer-centric best practice as he explains further,

“What stands us apart from our competitors is our approachable, personalised manner- we listen carefully to our customers’ needs and adjust our manufacturing orders accordingly. We have many loyal customers, and they appreciate our quick delivery lead times, especially when larger manufacturing

companies can take much, much longer to deliver orders.

We offer made-to-order client requirements for fire doors, decorative doors, frames and other associated items such as screens and windows, with a speciality in certified fire doors and door sets. We supply fire doors with ratings from FD30, 60, 90 to 120, with FD30 being the most common choice.

Pandor fire doors can be laminated, painted or decoratively veneered and our acoustic doors can also be fire-rated.

Veneered panelling is not as popular as it used to be, the current trend moving towards laminate and paint finishing. Our finishing shop has been upgraded to achieve the latest requirements.

We offer full traceability on all our fire doors by fitting a fire plug - this allows surveyors later down the line to ascertain the supplier origin and come back to us for prior measurements and details as required. We always archive all our completed projects in our Cloud storage for future reference.

We take great pride in all our certified fire-safety ratings. We recently tested a glazed timber door set for two hours in a laboratory furnace, for fire integrity. It went beyond the required 120 minutes to over 140 minutes, which is a huge achievement for fire safety and gives all our customers added reassurance.”

Pandor has production facilities in

Sittingbourne, Kent and offices in London. The state-of-the-art production workshop benefits from the latest advancements in modern machinery such as their 5 Axis CNC Twin Bed Router, CNC Moulder, heavy-duty sanding machine, veneer flow line press and first-class lipping and edge banding. This ensures the highest-quality manufacturing and finishing on all products.

“We supply mainly to London and the Home Counties (Berkshire, Buckinghamshire, Essex, Hertfordshire, Kent and Surrey), due to the transportation proximity to our manufacturing facility but we can supply to all over the UK.

With regards to sustainability best practice, we can use Forest Stewardship Council (FSC) certified softwoods and hardwoods from sustainable sources, with full traceability for our customers wherever required.”

Here at Building & Construction Review, we would like to wish Pandor a Happy 10th Anniversary this year and look forward to seeing how the company evolves over the next ten years.

To find out more about Pandor’s full range, see the website below:

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www.pandor.ltd



Efendi Architectural: A new focus on construction and manufacturing marketing



In this issue of Building & Construction Review, we are delighted to select Efendi Architectural for our Commitment to Excellence Award.

Having the right marketing approach in construction and manufacturing is essential, not only does it help seal a firm reputation with existing clients but it helps attract new ones. Gone are the days of 'word of mouth' - it is now vital to have a robust digital presence; from an eye-catching website, to engaging LinkedIn content.

Many construction companies now employ Social Media Engagement Officers alongside Marketing Officers to keep the posts flowing on social media platforms, which now also include Tik Tok and YouTube.

However, it is not enough to simply post updates,

content must always be meaningful to help beat the algorithm gremlins and even what time you post during the work day can make a huge difference to optimal engagement. Time lapse videos are popular as they can showcase the progress of a building project, alongside bite-sized positive client reviews, trade show engagement, to highlighting a new service or product with high-resolution images and specifications.

Strong branding fosters an edge in the construction industry, keeping you ahead of competitors and more importantly, helps cultivate a reputation built on integrity, professionalism and trustworthiness.

Here at Building & Construction Review, we have been impressed by the eclectic portfolio and knowledge-based professionalism of Efendi Architectural.

The owner, Leo Collier-Bett established the company in 2017 after an extensive background in graphic design, desk-top-publishing, print marketing, marketing strategy, film & video production both here in the UK and abroad. After gaining a degree in Digital Media Design, he quickly co-founded a web-design business with other graduates and then went on to publish magazines for airport lounges, print production for independent financial services and even picked up a Pacific Asian Travel Award for video work in the luxury hotel and resort sector. The tourism sector then evolved and many companies starting using in-house digital marketing rather than using external consultants and gradually Leo started specialising in work for UK manufacturing and construction.

Efendi Architectural has been the culmination of an extensive background across print and digital marketing and within the construction/ manufacturing industry in particular, Leo brings expertise to a relatively niche marketing area.

"For decades across the construction and manufacturing sectors, marketing was always on the backburner. It didn't feel important for many companies as the priority was 'getting the job done.' That has all changed recently and if you don't have an online presence, you are in danger of being left behind. Companies need to now deliver the goods, comply with all legislation and look to be improving their corporate social responsibility.

In a post-Grenfell sector, all eyes (rightly so) are on the current legislation and making the industry safer, especially in regards to building regulations and fire safety in high-rise residential buildings. Dame Judith Hackitt published her final independent review in 2018, which called for a radical 'universal shift' in culture from clearer guidelines, more robust paperwork and product labelling, through to reasserting the voices of local residents.

In my job role, I have followed all the movements since The Hackitt Report and am fully aware that this is a landmark shift in the construction and manufacturing sector. Throughout my background in the sector, I have picked up considerable knowledge of the inside workings of facades for example, which gives me a distinct advantage. This allows me to approach all aspects of my work with technical, contextual





have worked closely with Istock PLC, specifically Istock Futures, a new division focusing on growing MMC throughout the UK construction industry. With an extensive depth of knowledge in the facade space, Efendi Architectural have provided ongoing visual & digital content creation support along with input on a wider marketing strategy to help shape the brand identity, grow brand exposure and support the divisional commercial drive.

"It has been fantastic to be involved in the Futures project with Istock, really exciting to be part of the promotion of MMC within the UK and impressive to see a giant of traditional UK manufacturing and construction, with such prominent position and heritage, looking ahead with the aim of improving sustainability and efficiency within the space. We are proud to have been a part of this journey for the last 18 months and look forward to a longstanding strategic partnership," commented Leo.

Building & Construction Review has earmarked Efendi Architectural as 'one to watch' due to the hybrid approach that Leo employs: technical knowledge of the construction and manufacturing sector, combined with a creative flair for visual and digital marketing.

"We use high spec DSLR and mirrorless cameras, which allows for a dynamic range of aspects and visual styles. If a company wants a video time lapse of a project over a year, we can install a static-fix camera, which gives wonderful, transformative imagery over that time.

On a purely creative front, dusk and night-photography of urban architecture can be stunning- think the last dying embers of the sunset reflected in the background, offering a beautiful juxtaposition with contemporary building design or the haunting blues and blacks of the night sky setting on a semi-deserted urban setting, it can look really striking for marketing purposes," added Leo.

The best strategic marketing isn't about bombarding clients with hard sales, illuminating content marketing can instead create more engagement and thought-provoking discussions through carefully crafted infographics, video tours, interviews, through to short and long-read articles. Efendi Architectural understand the digital dynamics of SEOs, website and social media analytics, so it doesn't have to be like practising the dark arts.

If you're looking to futureproof your construction or manufacturing branding, revamp your photography or website or need to 'think outside the box' on your marketing campaign, contact Efendi Architectural to start your new approach today.

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knowledge, which then enhances creativity, whether written or in visual format.

We can offer a full range of holistic outsource marketing services from construction/manufacturing film and photography, construction time lapse videos, complete or staged project coverage, LinkedIn promotional packages, aerial film and photography, through to brochure, flyers, catalogues in print or digital formats and any other bespoke requests.

With some companies over a period of time, we can offer R&D, consultancy, training through to technical presentations.

The most popular request currently is for social media content and this can work in a multi-purpose approach. High-quality content (whether visual or written) can be modified across social media platforms, website news updates, HR editorials, case-studies through to technical presentations," explained Leo.

Over the last 18 months, Efendi Architectural

Sealing heat pump services with precision German engineering –

meet DOYMAfix[®]



Service Sealing Solutions Ltd

We are delighted to announce that Service Sealing Solutions Ltd is the recipient of our Building & Construction Review Company of the Year 2023, for an outstanding contribution to premium-level duct sealing systems and watertight utility seals.

Service Sealing Solutions Ltd supply a number of different sealing solutions across the UK to both the public and private sectors, from transport infrastructure projects, country estates, civil engineering projects, through to energy for waste. As the sole UK distributor for the sealing industry's renowned top manufacturers: DOYMA and HKD, Service Sealing Solutions Ltd specialises in high-quality service duct sealing systems for utility services and watertight seals.

From its Shropshire base, Service Sealing Solutions Ltd has built up a loyal customer base across the UK but the company is more than a distributor: it goes to great lengths to work with specifiers and contractors to make sure the correct products are used. Correct sealing ensures that the building's utilities in question remain accessible, allowing any planned or emergency maintenance work to be carried out effortlessly. Premium products from Service Sealing Solutions Ltd are industry gold-standard and seal against water, air and radon gas ingress.

We have previously featured Service Sealing Solutions Ltd for our BCR Recommends Award and now, as we approach the end of the year, we want to focus on how this Shropshire-based company has bucked the trend and swerved the construction downturn. We spoke to Jim McAra: Sales Director about how the company has fared this financial year,

"According to Glenigan: the trusted, provider of UK and Ireland construction sales leads, market analysis and forecasting, it has been a tough



year for the industry but it is hoped, now that interest rates have peaked, the construction industry will start to recover during 2024.

Against this backdrop, Service Sealing Solutions, have seen a 25% increase in sales enquiries and actual sales growth. We have retained our loyal customer base and gained new customers. We are largely known for working underground, sealing against water ingress. Looking ahead we are aiming to promote air tight and insulating products for the growing heat pump market.



we are looking to further capitalise on DOYMA products, with the exclusive introduction of the DOYMAfix®. This product will be aimed at heat pump installers, which is a growing trend in the UK, as part of a move towards more sustainable, renewable energy sources. The seal can be used across a range of wall structures for air-to-water heat pumps, allowing integrated thermal insulation and wall penetration for above-ground building exterior walls.

We will be showcasing this new, exclusive product across the construction sector in the New Year and it signals our move towards a rapidly growing green building sector, as part of the push towards the UK Government's tightened Part L Building Regulations and 2050 net-zero targets."

Service Sealing Solutions Ltd has the exclusive rights to distribute German DOYMA products across the width and breadth of the UK. DOYMA stands head and shoulders above its competitors, with its superior German engineering. DOYMA products have a fantastic reputation: they come with a 25-year warranty.



It is imperative that building penetrations such as cables and pipes have permanent seals across many building types from power plants, airports, to large industrial plants and DOYMA products provide precision sealing systems specifically for this purpose.



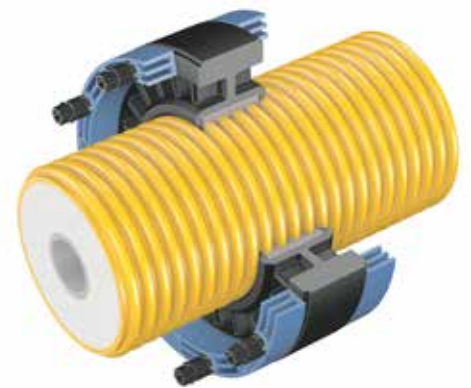
Service Sealing Solutions Ltd have supplied DOYMA products to many high-profile projects providing water-tight seals for the HS2 engineering project, through to London Kings Cross, as Jim outlines,

"Our portfolio has certainly widened this year, with more diverse projects. DOYMA products are industry-leading, with an expertise spanning over fifty years and are perfect for underground utility projects that demand water protection and ingress.

Beyond the larger commercial projects, we have diversified and worked with some new, exciting projects such as the heritage sector, namely large country estates, typically being converted for private usage or for commercial, recreational purposes. These have been located all over the UK and it has been an exciting new venture for us.

Another new sector we have worked in is the renewable energy sector, where we have supplied our largest sealing gaskets and puddle flanges to date, 1.5m diameter! Though DOYMA can and have supplied gaskets >3.5m in diameter"

DOYMA has recently released its new generation Curaflex Nova® gaskets, optimally designed for sealing solutions across a range of diverse applications. The Curaflex Nova® gasket inserts are suitable to seal against pressing and non-pressing water. The primary advantage of these seals is that they can be installed without the need for special tools. This is due to the integral, unique ITL principle (Integrated Torque Limiter), which guarantees the correct torque when the gasket inserts are tightened. All Curaflex Nova® frame rings are made of a special non-conductive, high-performance plastic which prevents



electrochemical corrosion. Optimal contact pressure is achieved by using extremely slip-resistant and highly aging-resistant EPDM elastomer between the frame ring type.

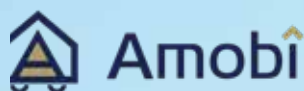
Furthermore, Service Sealing Solutions Ltd supplies HKD products, which are now under the ownership of DOYMA. HKD manufacture a wide range of pipe sealing systems and service conduits that can withstand up to four bars pressure. The advantage of HKD systems is that they have a sealing solution for service conduits cast into concrete without the sleeves, and are supplied and ready to use, requiring no site preparation work prior to installation. With options such as KE Socketless service conduits, KG Wall Ducts and Floor Ducts, together with KG Twin Sockets for installation in pump sumps, HKD products are ideal for situations where suitability for thin-walled concrete structures is vital.

"We are delighted to be selected for the Building & Construction Review Company of the Year 2023- it is testament to our hard work and dedication throughout the last twelve months but also shows our ability to diversify across new, exciting sectors" concluded Jim.

For more information, please see below:
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www.servicesealingsolutions.co.uk



MANUFACTURER OF
Caravans,
Park Homes &
Luxury Lodges



In this issue of Building & Construction Review, we are delighted to select Park Realty Group for our New Year Spotlight Award 2024.

Park Realty Group was established in January 2021 by owner, Janine Dove and provides both practical and luxury homes, lovingly built with British craftsmanship. The family-run business has its headquarters in Ferndown, Dorset, with a separate factory in Cardiff, Wales.

Park Realty Group offers a wide portfolio of homes through to high-end, state-of-the-art designs incorporating built on decks with frameless glass conservatories.

"The difference between Park Realty Group and other manufacturers is that we offer a complete solutions package from design, manufacturing and delivery, through to targeted sales and marketing," explains Janine.

"In our first year, our turnover was just short of £1



million, a year later it was 2.3 million and this year we are on target to reach £5 million.

But with the current economic downturn, it hasn't all been plain sailing. With regards to last year's rising inflation rates, customers didn't want to risk purchasing a second home, the market slumped and even well-established manufacturers went out of business. We decided to take a risk and start manufacturing caravans, which of course meant adapting our factory and purchasing new manufacturing tools.

We are not afraid to take risks and diversification is



good for keeping everyone on their toes. We carried out meticulous R&D throughout and managed to keep all of our staff on the payroll and now with the latest Bank of England forecasts predicting an-earlier-than-expected fall in inflation rates, consumer confidence is bouncing back. Luckily, we have lots of repeat work through loyal customers and we've already accepted two large 65ft park projects this year and look forward to exhibiting at the World of Park & Leisure Homes at Stoneleigh in the Summer and Farm Business Innovation Show in the Autumn."

Janine admits that she is driven by an innate passion for design and architecture and is currently the only UK female operator in the business. Her long-term vision is for more net-zero eco-packages but instead of being offered as an optional upgrade as is currently the case, the hope is that it is integrated into the design from the offset.

"In the domestic building trade, solar panels and ground source heat pumps are seamlessly integrated into new builds. We need to see more of this across the residential park home and holiday home manufacturing sector. We currently exclusively offer solar panels, SMART home packages including infrared heating and EV chargers as optional extras. Eco-packages are available on all homes and buildings and we look forward to helping the industry move towards embracing net-zero certification.

We also work with farmers and private landowners interested in diversifying into the leisure industry with private lodges."





Farming diversification has helped beleaguered farmers increase extra revenue across the Agri-industry, as growing demand for luxury staycations has remained post-Covid. Many families are now opting to stay in private lodges in tranquil settings, rather than holiday parks and farming land often offers unspoilt, panoramic views of forests, lakes and mountain areas.

With an expert in-house siting team, design and manufacturing department and dedicated aftersales team, the company offers customised integrated solutions to farmers, park owners and private landowners throughout the UK. Every bespoke home supplied for commercial use comes with free professional photos and a Matterport virtual tour.

State-of-the-art drone services and professional videography for marketing services are also available through Park Realty Group's subsidiary company: Orb 3D, which is co-owned and independently operated by Janine's son George, who joined forces with Janine from the beginning.

George and his expert team provide digital marketing services including photography, videography, drone services, virtual tour CGI, website design and hosting, for clients from across a range of industries including: construction, development and estate agencies.

With high-profile clientele including high-end properties in Sandbanks, luxury villas in Spain, a 30,000 sq. ft. commercial premises on Regent Street, a luxury private jet in Jersey and two universities, Orb

3D has quickly built up a market-leading reputation for professionalism and expertise.

All homes manufactured by Park Realty Group are issued with a 10-year Platinum Seal warranty giving assurance for

longevity. Homes are built to building regulations or BS3632 and all park and leisure homes have fully insulated floors, walls and roofs and are built on solid steel chassis. The Timber framed homes come with double glazed windows and either gas central heating, hot and cold air-conditioning or eco-friendly heat pump installations.

Available as fully furnished or unfurnished, customers can have their park home or luxury lodge designed and decorated to bespoke specifications, therefore creating the perfect luxury home. The team at Park Realty Group work with clients collaboratively to interpret their ideas of their dream home and design the layout, interiors and exteriors. With all bespoke builds they create a floor plan, specification and CGI images of the home to demonstrate the visual impact to their customers.

Park Realty Group also offer a wonderful line of leisure products that can be built on a mobile chassis or as a modular building, that include fully equipped golf simulators, home cinema, disco/party box with Karaoke booths, groom rooms, facilities suites, and offices.

“We pride ourselves on our expert complete-solutions packages for all our customers across the UK and Europe- we take care of everything, so whether you're a land-owner, park operator through to off-market land and parks for sale, we offer fully comprehensive services. We help through the whole process with our excellent planning partners and infrastructure partners. We design and build homes and deliver them through our transport partners and all siting is carried out by our own team and supported by our aftersales team.

Once the homes are ready to sell, we also provide foolproof sales and marketing services which include website development, advertising, social media marketing and the hosting of open events. Our services for off-market land and parks for sale (parks not available on the open market), we can offer specialist end-to-end guidance and support whilst keeping budgets on track. We currently have several exceptional opportunities in Aberdeen, Lincolnshire, Cornwall and Devon,” expanded Janine.

Park Realty Group will be at the following 2024 trade shows:

- The Scottish Caravan, Motorhome & Holiday Home Show: 1- 4 February 2024, SEC, Glasgow
- 2024 World of Park & Leisure Homes NAEC: Stoneleigh: 27 June ('preview day') - 28-30 June (open to public)
- Farm Business Innovation 2024 (dates yet to be confirmed)

For more information on the fully comprehensive range of services from Park Realty Group, please see the website below:

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www.parkrealtygroup.co.uk
For digital services: www.orb3d.co.uk
For leisure buildings: www.boxleisure.com



Harvey Water Softeners:

making hard water a thing of the past



In this issue of Building & Construction Review, we are delighted to select Harvey Water Softeners for our New Year Spotlight Award 2024.

Water hardness is high in dissolved minerals (PPM) like calcium and magnesium and can cause a range of issues for households.

This can range from pipe blockages caused by accumulated rust, cloudy dishware with limescale residue, through to an unpleasant aftertaste when drinking and skin feeling dry when exposed to laundered clothing and showering. The latest academic research from Sheffield University also points to a link between hard water and the prevalence of painful skin conditions such as eczema.

What's the solution?

A water softener can drastically reduce the hard minerals in your water supply and can be customisable to individual households.



Which water softener manufacturer do I choose?

Award-winning Harvey Water Softeners, part of Culligan Global, is a market-leading UK water softener manufacturer expertly helping households in hard water areas, with its extensive range of softeners, filtering systems and taps for UK and European markets.

Established over forty-five years ago, this Made-in-Britain accredited company is based in Woking, Surrey and has specialised in manufacturing cutting edge softeners since 2001.

We spoke to Oliver Smith: Digital Marketing Manager at Harvey Water Softeners for more detailed insight,

"Harvey Water Softeners' vision is simple - we are committed to providing only the purest, highest-quality softened water to every home in the UK.

Our founder: Harvey Bowden himself once said, 'Everyone would benefit from a water softener. If it makes sense for one person, then it certainly makes sense for everyone. We use water every single day, and softened water has proven to be far superior to hard water when it comes to ordinary tasks.'

This is why at Harvey Water Softeners; we are dedicated to ensuring everyone can enjoy the highest quality filtered and softened water nationwide.

From enhancing the vibrancy and silkiness of your clothes, being soft on skin and hair and to extending the lifespan of your pipework and water-using appliances, Harvey is devoted to keeping the things you hold dear in their best and most optimal condition.

We couldn't be prouder of our long-standing history and expertise in the water softening industry - after all, we were the first company in the UK to develop the duplex-parallel system. This provides customers with a constant, uninterrupted flow of the best-quality soft water, with hard water becoming a thing of the past.

Our cutting-edge technology, designed and manufactured in the UK, has resulted in robust and powerful softening systems that are tested through one million cycles, so every aspect and feature is examined to the highest degree by the time they reach our customers either directly or through our dealer and plumbing partners."

And that's not all. With the UK Government's 2050 net-zero targets on the horizon and the focus on the circular economy, Harvey Water Softeners are committed to sustainable best practice. The HarveyArc Water Softener is the greenest product yet- the exterior uses 38% less plastic than previous models and 62% of plastic used is from recycled sources. This amounts to an astonishing 84 tonnes of plastic waste saved from usage, which would ordinarily end up in landfill.

Using a Harvey Water Softener makes households greener too- limescale is reduced in the home and pipe work system. This in turn leads to more efficient heating and water-reliant appliances, which reduces carbon footprint and energy bills.

Speaking of energy bills, the current economic climate has been very challenging for individual households. With the tightening of purse strings, it is important to offer customers value for money across the board. Harvey Water Softeners require minimal servicing and maintenance, making it more cost-effective in the long-run.

With a focus on improving our customer experience, the new Profine ZERO Reverse Osmosis Filter System brings next-level drinking water technology to the forefront.

Firstly, the four-stage filtration design guarantees removal of sand, dust, bacteria, and much more and secondly, it only requires a service once a year, making it a preferred model to bring pure drinking water into the home.

Here at Building & Construction Review, we like to champion expertise and excellence across the industry and we asked Oliver what was next in store for this award-winning company,



"We are incredibly excited for 2024 and all the promise and opportunities that await Harvey Water Softeners. Water quality and water companies are fast becoming a hot topic within the UK, and we are committed to driving innovation and improvement throughout the water treatment sector. Last year, we visited Aquatech in Amsterdam for the first time, which opened up our market to the international community, which is also exciting going forward.

Harvey Water Softeners are dedicated to communicating the 'unseen' benefits of water softening to those in the building and plumbing industries. As more houses get developed and various water sources are being used, those individuals that live in what would have been traditionally regarded as 'soft water' areas will be experiencing harder water than normal, as alternate water sources are used to cater for the required capacities.

Our diligent Research and Development team are always hard at work to deliver innovative and pioneering concepts based on feedback from our loyal customer base. Later on in the year we will also be bringing out an addition to our non-electric water softener product line to further build out our portfolio of water softening and to elevate this to the next level - watch this space to find out more!

We want to really drive home the benefits that a water softener can bring to your home or business - from removing any trace of limescale, extending the lifespan of your appliances, and being softer on skin and hair.



We have a long history of exceptional water softening to an expert and professional standard. Whether you're looking for the latest high-tech water softener to exist in a modern housing development, larger consumer property, or even a commercial property - we have the perfect water solution to suit all properties and budgets.

As a business, we pride ourselves on being known as the market-leader in water softening technology, expertise, and customer service. So not only can you rest assured that Harvey's products are of world-class quality, but we will be there for all your requirements from start-to-finish.

We are thrilled to have been selected for the BCR New Year Spotlight Award in 2024! This recognition is a testament to our unwavering



dedication to innovation, exceptional customer service, and commitment to sustainable water solutions. We hope to share our vision for better water quality in every home and expand our positive impact globally!

We are a welcoming and open UK company that wants to share the good news about soft water, we are also really happy to offer our trade customers a site visit by appointment to see water softeners being built in person - allowing you to see the quality and consistency you're getting when you buy a Harvey Water Softener."

For more information, see the websites below:
Trade brand site: www.dualflo.co.uk
Residential water softening and filtration solutions: www.harveywatersofteners.co.uk

Dorset Bell Tents

Dorset Bell Tents are delighted to provide you with temporary accommodation for your celebration. We have the capacity to provide you with bedding and tents for 1 to 200 people. The tents look wonderful in groups with the

colourful hand-made bunting and fairy lights; and on the inside the equally colourful rugs and bedding make for a refreshing welcome when you un-zip the doors. Or simply in your garden for a child's sleep-over party.

which is a 2 year trip around Africa! This means no competition from us.

Call Tiffany or Tim on 07503 000 188 for a chat and we look forward to hearing from you.



We always delighted to provide you with bespoke choices for your tents, from plain inflatable beds to fully made up with duvets and pillows, the choice is yours.

Our 7.5m by 10m stretch tent makes a wonderful focal point for your meal or drinks party and the festoon lighting makes the dancing area a special place to be. Or it can be configured so that your band has shelter from the weather and their music is projected into your field. Wherever your imagination takes you.



Have a look at www.dorsetbelltents.com and you will see our gallery for more ideas.

Dorset Bell Tents is also up for sale! The owners have built the company up and now have enough stock, an ever-growing list of returning clients and are preferred suppliers for wedding and party venues so that you can take it over, hitting the ground running and taking the company in which ever direction you would like to go.

We, however, are planning our next adventure,



FOR SALE

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This is an excellent opportunity to purchase a well-established and expanding reputable Dorset/Hampshire based bell tent company.

Sale includes stock and order book for 2023 (bookings already at £50k) with sales increasing an average 148% yearly. Preferred supplier for Shillingstone House and Moon Acre Party Field.

Built up over 6 years, with repeat customers and verbal recommendations, this is a fantastic opportunity for anyone who is looking to start with a brand new company, or develop their own even further. Full training given if required.

Stock includes:

- 40 bell tents
- mattresses, bedding, linen, tables, rugs, fairy lights, storm lanterns, and handmade bunting
- 10m x 7.5m stretch tent including lights and festoon lighting, ratchet straps and rigging
- Fully braked lfor Williams Trailer 5' x 9' to carry 3,500kg



Please contact Tiffany or Tim at info@dorsetbelltents.com or 07503 000 188 with any questions and we will be delighted to help you.

Premium Shou Sugi Ban® Timber Cladding

Sustainable, low maintenance and stunning; it's no wonder that architects specify Shou Sugi Ban® timber cladding for contemporary builds and heritage renovations.



Traditional Japanese timber homes were preserved using a charring technique called Yasisugi. The process blackens the wood and increases its resilience to weather, insects, flames and mould. When we first discovered this, our team were keen to master the process and develop a premium timber cladding range.

Shou Sugi Ban® is manufactured by hand in our Buckinghamshire workshop.

Not all charred timber is black. Our skilled team brush, char and finish FSC® certified timbers to create a highly desirable selection of cladding including:

- ▲ Lightened timbers including Kebony Legima
- ▲ Tinted timbers including Tobu Accoya
- ▲ Enhanced grain wood including Larch Siberiatora

See the full range on our website: <https://exterior.supplies/charred-timber-cladding>

Suitable for and interior use, Shou Sugi Ban® offers a classic, timeless aesthetic. It complements other construction materials and helps a building to blend into its surroundings. It's little wonder that this premium timber cladding is specified for RIBA award-winning properties and historically sensitive renovations!

Please get in touch with Exterior Solutions Ltd for further information, quotes and samples.

T 01494 711800
<https://exterior.supplies>

Commissioning Tree Information for planning, in line with BS5837:2012 (RIBA) Plan of Work (2020)

Barnes Associates Ltd are leading tree surveyor helping architects and developers with their schemes. Tree surveys to BS5837 are our speciality. We provide high quality arboricultural impact assessments and Tree Protection Plans.



plans with liaison with ecologists. We can provide tree planting and landscape schemes as well.

Arboricultural method statements are regularly a conditional item, we liaise with developers to ensure storage areas and facilities on-site can be practical whilst still protecting trees.

We problem solve so building near trees is possible. Regardless of their protected status, all trees can be a material consideration in a planning application. To ensure a smooth passage through the planning process, you and your design team will need information in line with British Standard 'Trees in relation to construction - Recommendations' BS5837:2012, the national standard for the management of trees on and close to the development, redevelopment and building sites.

Often further investigation is required to find out where tree roots are - we provide Tree Root mapping (Tree Radar) services throughout the UK too.

Works are done in stages initial assessment/'development windows.' We provide tree constraints plans in CAD 2D and 3D. Tree retention and removal

Contact Sue Barnes, Director & Landscape & Arboricultural Consultant, T 01423 322371
info@barnesassociates.co.uk
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ON TIME ON BUDGET



Greenhill Systems wins Silver Innovation Award at LAMMA

NORTHERN Ireland based Greenhill Systems picked up a Silver Award at LAMMA for its Heatguard Evolution transparent roofing sheets. Held in January at the NEC Birmingham, this year's LAMMA attracted over 40,000 visitors from all areas of the UK, Ireland and beyond. The show hosts a number of Innovation Awards each year in various categories which recognises and rewards innovation and advances within the agricultural industry.

Judges awarded Greenhill Systems, based near Ballymena in County Antrim, the Silver Livestock Innovation Award 2024 for the Heatguard Evolution sheeting that is now very popular on dairy farms. Heatguard Evolution sheeting is a cladding for all types of livestock buildings, and has also been used on many storage, workshop and industrial buildings.

The transparent sheeting helps increase cow comfort and brings a host of benefits such as increased milk yield and daily liveweight gain.

Cows behave and produce better when they are in their natural environment with sufficient periods of light, but some barns are too dark and cows underperform. Research shows that cows that are exposed to light levels of 150 to 200 lux for 16 to 18 hours per day show improved milk production, reproduction, feed efficiency, and indeed heifer growth. The optimum light level for night time is around 30 to 50 lux.

Paul Smyth, managing director of Greenhill Systems, who is also a dairy farmer, was very pleased to win the award.

He said: "The product is really speaking for itself on

farms but it was super to have the Heatguard Evolution recognised with an award at LAMMA.

"It was a really busy show for us with lots of people visiting our stand to find out more on the benefits this material can bring. Dairy farmers, in particular, are already witnessing better cow comfort and fertility within their herds after fitting the award winning transparent sheeting."

Heatguard Evolution sheeting is made from polycarbonates and is available in lengths of up to 6m with heat sealed ends. The material takes the form of a 6mm triple wall corrugated sheet which also has a co-extruded layer on the outside surface that forms a barrier, resistant to the detrimental effects of UV light, maintaining the sheets mechanical properties.

Weighing only 2.2kgs per square metre, Heatguard Evolution has a very high strength to weight ratio and is easy to install. Each sheet is overlapped when fitting and there is no space left between the sheets.

These sheets supplied by Greenhill Systems have a unique reinforced side lap which makes them the strongest on the market. They are able to be fitted on standard purlin spacing of 1375mm, ideal for new builds or retrofitting to existing buildings.

Characterised by a low G-value, high light transmission and impact resistance, Heatguard Evolution utilises a specially developed athermic pigment that helps to reflect harmful UV rays that can cause overheating in a building.

Under the sun, Heatguard Evolution acts like a mirror to



reflect heat, thus minimising solar heat gain, eliminates hot spots and lowers the need for artificial lighting. The sheets are available with three different levels of light penetration, Heatguard Evolution 25, 50 and 100, depending on the requirement of the farmer.

Depending on the conditions, the Heatguard Evolution sheets are designed to have a life expectancy of around 25 years.

Paul added: "We are selling it across the world and are encouraged by the number of enquiries we receive every week."

The company can be contacted via the website www.greenhillsystems.co.uk.

Greenhill Heatguard Roof Sheeting

Greenhill Systems is the largest supplier of Heatguard roof sheeting and associated products across UK and Ireland: mainly to the agricultural, equestrian and commercial sectors.

Greenhill Heatguard sheet is a robust, triple wall polycarbonate sheet with a co-extruded UV layer, protecting the sheet and anything underneath by impeding 98% of detrimental UV rays. The dual-function athermic pigment within the sheet restricts the heat from direct sunlight, whilst simultaneously optimising natural light to pass into the building.

This results in a brighter building, enhancing the wellbeing and production rates of livestock, with the removal of hotspots, shadowing and overheating on hotter days. The resulting brightness reduces the cost of artificial lighting, leaving an energy cost reduction for owners.

- ☑ Athermic pigment contained in the sheet
- ☑ Reduces heat build
- ☑ Optimum levels of diffused natural daylight
- ☑ Improved conception rates
- ☑ Shorter calving interval
- ☑ Improved feed intake
- ☑ Improved health
- ☑ Increased herd production
- ☑ Improved working environment
- ☑ Savings on energy and lighting
- ☑ Lower your carbon footprint
- ☑ Strongest sheet on the market
- ☑ Shorter payback period than traditional roof coverings

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Shou Sugi Ban® is manufactured by hand in our Buckinghamshire workshop.

Not all charred timber is black. Our skilled team brush, char and finish FSC® certified timbers to create a highly desirable selection of cladding including:

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- ▲ Tinted timbers including Tobu Accoya
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See the full range on our website: <https://exterior.supplies/charred-timber-cladding>

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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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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.

Clima-Tech is well trusted and well established in the renewable energy field. Clima-Tech is hands on and works closely with its clients to ensure that the best service is delivered. Clima-Tech is an approved contractor by the following certified bodies: Microgeneration Certification Scheme (MCS), Renewable Energy Consumer Code (RECC), IWA, and REFCOM. Furthermore, Ashley has trained to the highest level, holding qualifications such as City and guilds 2360 NICEIC certified, City and guilds F-GAS, B-PEC G3 unvented, B-PEC Heat pump design, and B-PEC water regulation.

Clima-Tech has been the receiver of many awards over the years receiving 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. Our showroom will share information about all the advantages of heat pumps, while busting myths about barriers to adoption. Our



showroom has a working heat pump in place to demonstrate the technology in action, alongside everything that goes with them, including cylinders and controls.

Contact

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Five Technologies that are transforming the Construction industry



It can be easy when you're running a busy construction company to focus entirely on the day-to-day operations of your work and lose sight of developments in the wider industry. With so much volatility in the market and general angst around spiraling material costs, recruitment, logistics and more, you can be forgiven for not spending too much time researching new technologies. However, the reality is that new equipment and techniques are actually the solution to many of these issues you face

as a company director. Here's an overview of five that can help you to work more efficiently and safely:

Drones - there are tasks that can be performed quicker and more safely by drones than with traditional methods and with a variety of payloads from cameras to lidar and thermal imaging, you will soon see the benefits of an aerial perspective.

Non-destructive Testing - covermeters and

ground penetrating radar allow you to assess the structure of concrete without having to drill into it.

GNSS receivers - surveying with sub-centimetre level accuracy thanks to satellite positioning has streamlined many processes, especially with regards to topographical and GIS surveys.

Laser scanners and reality capture - you can create a 'digital twin' of your site for a variety of purposes, from design right through to marketing, and with easy access to every single measurement and a photorealistic 3D model, everyone can be engaged in the project without having to physically visit

Machine Control - combining satellite positioning with heavy machinery, the operator has a screen in their cab that guides them exactly where and how deep to dig with an excavator, as well as giving them the power to document positions with their bucket for as-built verification.

It can be difficult to know where to start with some of these advances, so Surveytech have been creating a series of youtube videos and webinars to explain everything you need to know, just look for Surveytech on google or follow on social media for more information.

For more information:
survey-tech.co.uk

Service Sealing Solutions Ltd visit DOYMA

Service Sealing Solutions Ltd is the sole UK distributor for the sealing industry's top manufacturers; DOYMA and HKD. Service Sealing Solutions Ltd supply the full range of DOYMA and HKD products, to suit all situations from sealing power cables, communications cables, pipes and ducts and district heating pipes, permanently preventing an infiltration of gases and water into the building. DOYMA's products are designed to solve all watertight sealing requirements and prevent against structural damage. DOYMA products are also guaranteed watertight for 25 years.

HKD which is now owned by DOYMA, manufactures a vast range of pipe sealing systems and service ducts with a guarantee that its products can withstand up to four bars of pressure. All of the HKD product range can be combined with the DOYMA's Curaflex range, one of the most popular DOYMA ranges.

Service Sealing Solutions Ltd specialises in high-quality service duct sealing systems for utility services and watertight seals, offering the highest level of expertise to developers and specifiers for sealing against water and



Husband and wife team, Jim & Tina have recently visited DOYMA in Germany to find out about the innovative products that DOYMA have been developing

gas entering around service entries in basements and high-rise buildings.

Contact
T 01952 510050
tina@servicesealingsolutions.co.uk
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. The very best in German engineering is used to seal penetration points at the wall to permanently prevent any infiltration of gases and water into the building, and the duct sealing systems are guaranteed for 25 years. Service Sealing Solutions supply the full range of products to suit all situations for power cables, communication cables, pipes and ducts, and specialising in sealing district heating pipes.

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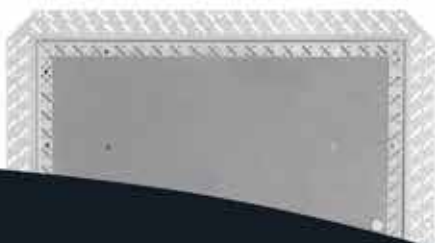
Beaded Frame changes



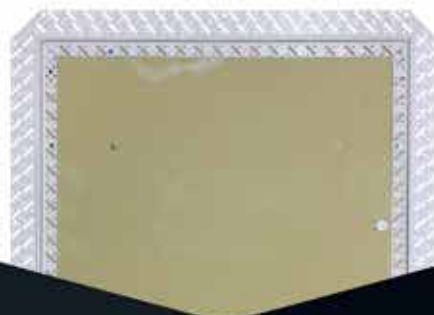
The beaded frame width on our R53 Plasterboard Faced Riser Door range will be changing from **25mm to 50mm**.

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

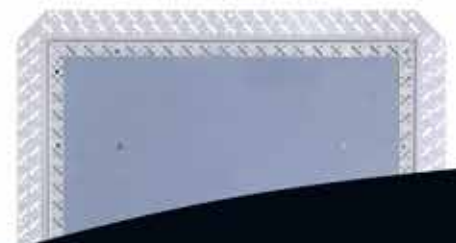
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R53 1 Hour Fire Rated
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R53 Fire, Acoustic & Airtight
Up to 2400 x 900mm



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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The company offers its services for all

residential work, new build properties, demolition work and commercial. Some of its recent commercial projects include: Vinci IHP on Preston Royal Hospital, the Boohoo main office in Manchester for Hightown Construction, Grahams Liverpool flyovers demolition, Parkinson Construction on Oldham Royal Hospital and Salford Hospital, John Turners on Whiston Hospital, ongoing Maintenance package for Daresbury Science Technology Park and ongoing works for the National Trust on Speke Hall and Chambre House in Liverpool.

If you would like to find out more, please see the details below:

Ste Long, Director,
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M 07917 193357
ste@atlanticnw.co.uk
info@atlanticnw.co.uk

LSTA: Specialist Applied Skills Programme (SAP) Course

Places are available for the Lead & Hard Metals Specialist Applied Skills Programme (SAP) for the 22nd of January 2024. Candidates will achieve the following:

- ▲ NOCN Level 2 NVQ Lead & Hard Metals Roofing Operative & City and Guild Accreditation Traditional Intermediate Lead or Hard Metal craft. An 18-month programme with 7 weeks training split into 1-week blocks at the LSTA followed by an onsite assessment for NVQ.
- ▲ NOCN Level 3 NVQ Heritage Lead & Hard Metals Roofing Operative & City and Guild Accreditation Traditional Advanced/Heritage Lead or Hard Metal craft. Fully funded apart from £99.00 registration fee. An 18-month programme with 3 weeks training split into 1-week blocks at the LSTA followed by an onsite assessment for NVQ.

CITB funding is available for companies that are CITB Registered, for accommodation, food & travel through the CITB "Travel to Train" see link. 80% of the costs are covered through this scheme



www.citb.co.uk/levy-grants-and-funding/grants-and-funding/apprenticeship-travel-and-accommodation-funding-travel-to-train

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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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Commercial, Industrial & Residential Cleaning

A family owned business for 30 years, we offer the perfect blend of traditional values with state of the art equipment and techniques. We have worked with companies such as McDonalds, Drayton Manor, Nando's and many more.

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Eco-Friendly Oriented we carefully choose the best and most natural cleaning products that give amazing results. we use cutting-edge methods and equipment using the minimum amount of chemicals to minimise our impact on the environment.



For more information: www.dpfltd.co.uk

Belisha Beacons and Feeder Pillars with next day dispatch from stock

We keep stocks of our mains powered Belisha & Refuge Beacons including spares and retro fit accessories. You could receive your order of our ever reliable; mains powered AmberGLO or our illuminated column version – the OlympiadIPB in just a few days. We also have stock of our LED Beacon Flashing Units – both pre-wired and BC22 Bayonet fitting. These retro fit into any Belisha gallery. You can also purchase spares, accessories and extras like our Lumos4 LED Crossing Spotlight and Courtesy Shields. Our newest Solar Powered Belisha will be available soon!



Please see: www.fisherandcompany.co.uk to view our great range of products which also include Lighting & Sign Brackets and Electrically Insulated Digging Tools. We're ISO 9001:2015 Quality Certified for your peace of mind. So, for a Quote for your latest project please contact us on: 0333 666 2122 or email: info@fisherandcompany.co.uk.

*Some postcodes and transport services are 3-5 days

We also keep stock of Feeder Pillars in a range of standard sizes and larger Pillars, including GRP. This means you could have your order within 24-48 hours* and not have to wait for weeks. Our bespoke and made to order sizes are available from a super-fast 2 weeks from order!

We've been manufacturing high quality products since 1982 and supply Contractors, Wholesalers and Local Authorities for a wide variety of purposes from highways & streetlighting, outdoor power distribution to car parks, facilities, market stalls, Hospital MRI and EV charging. Anywhere outside that needs a power supply.

The Belgian fifth-generation family company, founded in 1883, Vandecasteele

Houtimport specializes in the import, trading and export of Tropical Hardwood from Africa, Southeast Asia and South America, Scandinavian and North-American Softwood, North American and European Hardwood.



Masters in diversification
Vandecasteele has a long-term commitment to preserving the forests. Therefore it is of vital importance to use a variety of different timber species.

The family business imports more than 130 different species of timber coming from 40 countries and has over 120,000 cubic meters in stock, mainly certified hard and softwoods.

Strengths
The strengths of Vandecasteele Houtimport are the strong environmental credentials, the huge stock, the variety of timber species and sizes and the prompt delivery from stock.

www.vandecasteele.be - Belgium
dave@vandecasteele.be
genevieve@vandecasteele.be

Its experience and dynamism have made it one of the leading timber companies in Belgium. 20 Hectares of undercover storage stock 120,000m³ of finely presented timbers, allowing to satisfy every order.

Preservation of the forest
In a well-managed forest, only mature trees are harvested which amounts to one to three trees per hectare. After that, felling will not take place for at least 25 years. In this way the forest is preserved for the future.

Rethink everything: a positive evolution in consumer purchasing behaviour. Customers are increasingly seeking sustainable solutions and are asking questions about certification and the origin of the timber. Buyers are becoming more and more aware of the need to use certified timber.

FireDNA digitally monitors Fire Doors and Passive Fire Products

With the new Fire Safety Regulations having been in force for several months, Contractors, Fire Door Inspectors and Building Owners see the real benefit in using FireDNA

Post Grenfell, we saw an opportunity to introduce a new and innovative way of Monitoring Passive Fire Products in the built environment using the latest digital technologies.

FireDNA is an 'award winning' cloud-based Software and a Mobile App that has been developed for everyone involved in Passive Fire Product Manufacture, Installation, Inspection, Management and Maintenance. As well as for those that live and work within environments where Passive Fire Products are installed and are now required, under new legislation, to be digitally logged and monitored.

FireDNA delivers that digital 'golden thread' for all Passive Fire Products in the built environment from Fire Doors, Panels and Partitioning (including all intumescent seals, glazing and ironmongery), through to Fire Cables, Dampers and Ductwork.

FireDNA software catalogues Manufacturers product data, digitally shares it with Contractors and Installers, who in turn add their installation data, passing that onto Building Owners, Facilities Management Teams and Tenant Management Organisations.

That data can then be used by Building Control, Maintenance Teams, Fire Inspectors and viewed by Tenants and Residents alike, with a simple swipe of a mobile device.

FireDNA digitally links everyone in the chain of responsibility and creates a 'Golden Thread' of information across the full product lifecycle from cradle to grave.

To find out more about how FireDNA can assist you, or for more information about our products and services, please visit: www.fire-dna.com or call our team on: 01403 597590.

 **FireDNA**TM
Monitoring Passive Fire Products

Tool hire specialist for air and hydraulic tools



APP Site Services are a leading distributor of site supplies and services to the construction industry. One of our main focuses of the business is our hire and sales department for construction tools.

Here at APP Site Services, we provide an excellent service, not only with the range of products but with the level of care each order is given and the speed with which we can deliver.

We have a range of tools and associated products available to

hire. We specialise in Rebar Cutters, Rebar Benders, Hydraulic Splitters, and Pneumatic Picks.

APP Site Services is part of the APP Group, most tools can be shipped next day and be hired for various lengths of time. Call or visit our website today.

For more information, please see below:
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NeutraliZer™ CO₂ concrete washout solution

Developed by Smart Storm, The NeutraliZer™ is a unique, mobile, in-line treatment plant that uses only CO₂ to continuously neutralise concrete washout water.

Concrete Washout

pH of concrete wash water from construction sites is highly caustic, posing environmental and legal risks if discharged with unacceptable pH levels.

Equally, this applies to concrete wagon washouts to sewer and surface drains.

This high alkaline wastewater is usually treated with hazardous chemicals on a batch basis.

Smart Storm's In-line concrete washout treatment

The NeutraliZer™ works by monitoring the caustic washout with Smart Storm's USM pH meter, and based on these readings, carbon dioxide (CO₂) is automatically dissolved into the wash water flow via Smart storm's USI (Smart Instrument) to reduce the pH to a safe level for discharge; all this happens on a continuous flow basis.

A flow meter monitors the effluent leaving the unit,



which can treat up to 25m³ of wastewater per hour. CO₂ dissolved in water is slightly acidic so is ideal for neutralising concrete wash water.

The Neutralizer comes with an IOT remote monitoring system as standard so the user can monitor 24/7 the status of the pH balancing and show compliance with logs and graphs to regulatory bodies, such as the EA, Natural Resources Wales and SEEPA.

Available to purchase or hire; contact Smart Storm Ltd to find out more

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In-Line CO₂ pH Balancing For Concrete Washout Water!

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Elevate Your Business with Independent Access Sales



In the evolving landscape of access machinery, businesses don't just seek equipment, they seek partners that offer comprehensive solutions. That's where Independent Access Sales (IA Sales) shines brightly. As the sole distributor in England for the globally acclaimed manufacturers, Sorage and Easy Lift, IA Sales is more than just a provider; it's a partner for progress.

Imagine a machine that combines speed, efficiency, and safety all into one compact design. That's precisely what the Sorage 24D Speed truck-mounted machine promises. Tailored for the demands of modern cities and diverse terrains, the 24D Speed is not just a tool, but a game-changer, ensuring projects are completed with unmatched precision and timeliness.

Yet, the brilliance doesn't end there. The Spider Lift R180 from Easy Lift is another testament to IA Sales' commitment to excellence. Lightweight, yet powerful, the Spider Lift R180 is the epitome of flexibility and strength. Designed for the trickiest of spaces and the toughest of tasks, it's a machine that stands tall, ensuring that professionals always have the upper hand.

But what truly sets IA Sales apart is their comprehensive approach. Beyond offering stellar machines, they also ensure that these machines are always in prime condition with their top-tier servicing. With a team of experts just a call away, customers can have peace of mind knowing that their equipment is always ready to perform at its best. It's this dedication to customer satisfaction that makes IA Sales not just a provider but a partner in every sense.



Moreover, the offerings at IA Sales are vast. A visit to their website reveals a wide range of products, each designed to cater to diverse industry needs. Whether you're in construction, entertainment, or any sector in between, there's a solution waiting for you at IA Sales. So, if you're looking to elevate your operations, look no further. Partner with Independent Access Sales and experience the synergy of world-class machinery, impeccable servicing, and a partner that's dedicated to your success. With IA Sales by your side, the future looks not just promising, but elevated.

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Kelly Tanks celebrates 10 years of providing innovative concrete washout and water treatment systems



In this issue of Building and Construction Review, we are delighted to honour Kelly Tanks as they celebrate their 10th Anniversary.

Mark, Kelly and team KT provide a selection of Water Treatment and Concrete Washout Solutions for hire or purchase. Their popularity



and proven track record is a result of providing the kit you need, in the manner you want, at a price you're happy with. Match this with their eager to please attitude and above and beyond aftercare, it's easy to see why their customers keep returning.

We wanted to go right back to the beginning to find out how the company started and the journey Mark and Kelly have endured together to get the business to where it is today. Kelly Bryant, Director, gave us some extensive background on the company's history.

"In 2012, Mark Stubbs was running a successful contracting company specialising in land drainage when I (Kelly) started as his administrator. Mark introduced me to working with water, creating balancing ponds, dredging rivers, creating wetlands and wildlife habitat. It was when a customer asked Mark if he was interested in buying a cylindrical water storage tank that things began to move forward. Mark accepted the tank, hoping that once refurbished it could be hired out. During the process of refurbishment, me and Mark began discussions about developing a water treatment system for use on construction sites. Their first ideas were



KELLY TANKS

to create a basic settlement tank and eventually, with some help, I drew up a plan. Over the next year me and Mark built more tanks, all the while learning more about water treatment, onsite requirements, and the drawbacks of systems already on the market. They came to understand that sites wanted systems that were simple to set up, simple to use and simple to empty. With this in mind, we designed the 'WTS', a settlement tank that includes a cage to house flocculant blocks to enable simple flocculation, an adjustable oil skimmer, a compartment for lamella/coalescing media to optimise settlement and a hopper bottom and dump valve to easily remove settled solids.

Next, we introduced the 'Sack Frame' to house sacks that would further filter waste water and retain suspended solids. Unfortunately, we found existing sacks were essentially builders sacks with a felt liner sewn that quickly became blocked and ineffective. Rather than give up on the premise, we sourced a liner and created the 'Adsorption Sack', a sack specifically designed to enable solids to attach to the surface of the line, eventually becoming heavy enough to drop into the sack leaving the liner clear to continue filtering. Interest for the systems quickly grew and in 2013 we were asked to commission systems for J Murphy & Sons and JN Bentley. At this point, Mark decided to separate the growing water treatment fleet from his contracting company and set up a new company. The



company was to be named Kelly Tanks and I was invited to become a director.”

However, it wasn't long before the pair realised the Adsorption sack could be used for many purposes, one of which being the retention and filtration of cementitious particles in concrete wash water. After much development, Kelly drew up plans and the CWS Concrete Washout was born. A cost-effective alternative to skips & suction wagons, the CWS is a 'plug & go' system that allows concrete equipment and wagons to be safely washed-off onsite by separating the solids, recycling the water and neutralising the pH. Demand for Kelly Tanks innovative and user-friendly systems grew and soon the brand was receiving recognition.

Kelly became a 50% shareholder in 2017 and the pair continued to add products and systems to their fleet. Mark and Kelly went on to design pH treatment systems that would proportionally dose using a pH reducing liquid. They also discovered existing methods for reducing pH levels were wasteful in their overuse of CO2 and so designed systems that would only dose the required amount. This method can be found in their GWS and HpC system, designed to retain the solids and neutralise the pH of the water captured in Hydro demolition, and again in their Modular pH dosing systems.

Whilst their fleet has grown, so have their facilities and team (teamKT). Now, 10 years later, Kelly Tanks has become an industry leader in concrete washouts, boasting the UK's largest hire fleet whilst continuing to supply water treatment systems worldwide. Mark and Kelly consistently release new products each year and their innovative product range is complemented by their ongoing commitment to excellent quality and customer service.

Having reached their 10-year anniversary in December 2023, Kelly Tanks will be celebrating '10 years of excellence' throughout 2024. To thank all of their connections, friends, suppliers, supporters and customers for being part of the journey so far, Mark, Kelly and Team KT will be hosting an Open Day Celebration at Kelly Tanks with a hog roast, live music, drinks and the grand opening of their new office Facility – Date TBC.

This month, set to coincide with National Apprenticeship Week, Kelly Tanks will be launching an annual KT Apprenticeship Award:

“We want to recognise and reward apprentices that have shown dedication and promise in the Plant Industry Sector,” said Kelly.

Further details can be found on their website.



All of this alongside their ongoing commitment to innovation and excellent customer service, the future looks to be successful and busy year for Kelly Tanks.

Kelly Tanks will be at the following 2024 trade shows:

1) The UK Concrete Show

20th-21st March 2024

2) Hillhead

25th-27th June 2024 (Stand A6)

3) CLR Expo

11th-12th September 2024
Stand (CLR-E160)

For more information on how Kelly Tanks can help you, please see below:

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www.kellytanks.co.uk



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