



BCR
Building & Construction Review

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Tree Surveys for Development - BS5837:2012 and Tree Risk Assessors

Barnes Associates Ltd – Providing tree surveying to Architects, Town planners and developers, throughout the UK.

Trees are our speciality from Tree Constraint Plans, Arboricultural Impact Assessments and Tree Protection plans.

Arboricultural Method Statements are often a conditional item these need to be practical and involve the whole team to be successful, we act as retained arboricultural consultant for site inspections.

Our associate ecologists provide Biodiversity Net Gain (BNG) appraisals and associated reports, landscape plans and management plans are also provided.

We problem solve when building near trees. Protected trees even with TPO (Tree Preservation Orders) can often be built near with the right approach and techniques.

We work with your design teams to ensure a smooth process for our clients.

Tree plans are provided in CAD 2D and 3D along with drone imagery if required.



Our tree surveyors are experienced and qualified to high standards.

Our Tree Diagnostic team provide Tree Root Radar scans providing root mapping services, along with Tree stability testing of trees throughout the UK.

Contact Ian Barnes - Director and Lead consultant with your project needs, in total confidence.

T 01423 322371
Whatsapp: 07483 116044
Email your project to:
info@barnesassociates.co.uk
www.barnesassociates.co.uk

Plastic Recycled into Low Carbon Seating

Recycled Polystyrene transformed into attractive long-life Outdoor Benches and Picnic Tables

In 2010 three brothers from Bolton decided to turn mountains of British waste plastic into durable rot-proof building materials and outdoor furniture. They wanted an ethical business producing recycled plastic products attractive to both domestic customers as well as the building and construction industry.

Kedel Limited launched and developed over 30 new products designed for schools and local authorities in the first year of operation.

The ArcelorMittal Orbital Tower built for the London Olympics was created using 600 pre-fabricated star-like nodes, made from steel, and assembled in Bolton.

Kedel supplied recycled plastic decking boards for the viewing platforms to reduce its carbon footprint, and this also gave the platforms a long life with no maintenance requirements.

Kedel's manufacturing unit in Burnley stocks over 2000 recycled plastic products such as [decking boards](#), [sleepers](#), [fencing](#), [cladding](#) and [ground reinforcement grids](#), plus [outdoor furniture](#) such as

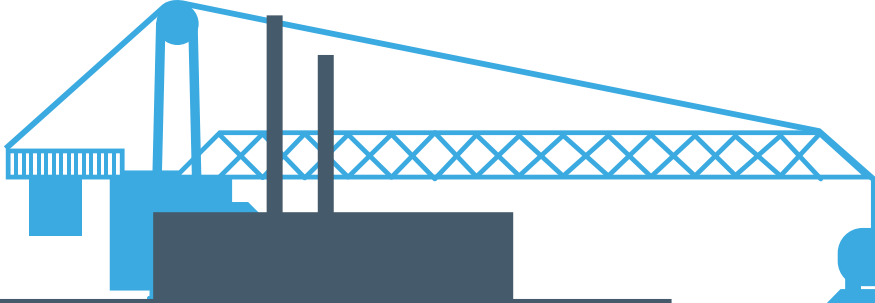


multicoloured benches, picnic tables and children's outdoor play equipment.

The independent reviews platform, Feefo, awarded Kedel Limited an 'Exceptional Service Award' in 2024.

"Exceptional Service is our most exclusive customer service award. This accolade goes to clients who receive market-leading feedback. Winners have achieved the highest rating, or the biggest improvement, in their industry. Only 32 clients are awarded the Exceptional Service Badge".

T 01282 861325
www.kedel.co.uk
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Hello & welcome to Issue 405 of BCR...

Our March issue of Building & Construction Review is here to put a spring in your step, with all the latest news and innovations from across the industry. This month we bring you our three very special and worthy Commitment to Excellence recipients:

If you're looking to start a business with a difference, why not consider starting a glamping company? Dorset Bell Tents on **page 11** are selling their established glamping business and the new owner will inherit the company name, website and all the stock.

Have you ever wondered if there was an alternative to bulky, costly scaffolding, for all your building's needs? Innovate Access Solutions Ltd use rope access to carry out all types of jobs from inspection to signage installation. Find out more on **page 8**.

Award-winning Smart Storm is at the forefront of monitoring and treatment solutions in the wastewater sector. Read all about the latest Universal Smart instrument, developed from the in-house R&D team and the NeutraliZer™ on **page 6**.

We also share news and products from quality bespoke joinery company: Bluerun Limited, rot-resistance roof products from Carlisle Construction Materials, Shou Sugi Ban® timber cladding for new builds and heritage renovation and much more.

We would love to hear about any company news:
Email us at: liz@freshmedia-uk.co.uk



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The growth of Green Roofs and Carlisle's Root Resistant Portfolio: A solution for sustainable living



Finally, Carlisle's HERTALAN® Easy Cover EPDM roofing system is also suitable for green roofs. With FLL-approved root resistance, a 50-year service life and enviable environmental credentials, including recyclability at the end of its lifecycle, HERTALAN® Easy Cover offers another green roof option from Carlisle.

Making the right choice

The right choice of green roof specification begins with the most suitable waterproofing system. CARLISLE's expert team can advise on the most appropriate system solution from the company's varied roofing range, aligned to the design and buildability requirements of the project.

As our towns and cities grow thanks to increasingly high density property development, a lack of green spaces has a wide-reaching impact on people, wildlife and the environment. Green roofs provide an opportunity for new buildings to be part of the solution; addressing the need for homes, businesses and public services, while providing green spaces that offer a boost to wellbeing, habitats and urban drainage.



CARLISLE's Green roof specification: A solution for sustainable living

Carlisle Construction Materials has wide-ranging experience of green roof build-ups with a number of waterproofing system solutions that offer both root-resistance and the robust performance required to protect the building with a fit-and-forget roof covering suitable for a buried application.

For example, the RESITRIX® waterproofing system from Carlisle – a hybrid roof covering that combines the elasticity of EPDM with the robustness of a bituminous membrane in a single ply system – is often specified for green roof projects. The roofing system has a certified 50-year service life, as tested by the Institute Süddeutsches Kunststoff Zentrum (SKZ), and offers excellent root resistance. The system also has excellent sustainability credentials, ensuring it aligns with both the functionality and sustainability requirements of biophilia-focused projects.

RESTRIX® was the system specified for the Earth Lab, an environmentally-focused education centre in Oxfordshire, developed by the Earth Trust. The project saw the Trust redevelop an existing barn and RESTRIX® was specifically chosen due to its environmental credentials and high flexibility. The Carlisle FG40 solvent-free primer was used to prime the deck and the 100% root resistant properties of RESTRIX®, both across the body of the membranes and at the seams, meant that it no separate root resistant cap sheet layer was required.

Extensive green roof

- ▲ Vegetation layer
- ▲ Filter layer
- ▲ Drainage layer
- ▲ Protective layer
- ▲ CARLISLE® waterproofing membrane
- ▲ Thermal insulation
- ▲ ALUTRIX® vapour barrier
- ▲ Substrate

Carlisle's ARBOFLEX® PU liquid waterproofing is often frequently specified as the roof covering as part of a green roof build-up. For example, at Neptune Wharf, a major residential development comprising eleven apartment blocks in East London, each block has been specified with the ARBOFLEX® PU 20-year liquid waterproofing system, which will provide excellent root resistance, along with ease and speed of installation and effective waterproofing protection.

The SURE-WELD® TPO roofing system from Carlisle is also ideal for green roof projects, with root resistance tested to DIN EN 13948:2007. SURE-WELD®'s advantages for large flat roof areas makes this an excellent choice for industrial or warehousing projects, as well as for projects that combine green roofs with solar installations.



Scan the QR code [above](#) for more or to receive a sample.

Include reference code: BCR2024



For more information, log on to: www.ccm-europe.com





Service Sealing Solutions Ltd

Service Sealing Solutions Ltd the UK distributor for DOYMA sealing products

Curaflex gaskets, wall plate and fibre cement sleeves offer a simple, safe solution for sealing utility pipes and cables through walls and foundations against pressing and non pressing water

- Curaflex gaskets provide options to seal single or multiple services through a single penetration
- Seals against pressing water and gas ingress
- DOYMA's experience counts
The first company to develop these types of sealing gaskets providing the confidence to offer an industry leading guarantee
- 25 year manufacturers guarantee!

25
years
guarantee

25
years
guarantee

25 year manufacturers guarantee!

More than 60 years of experience counts



Curaflex® gaskets

Extensive standard range to cover your sealing requirements



Customisable gaskets

Custom manufacturing service available when the standard range doesn't quite fit your needs



For more information and guidance, please contact [Service Sealing Solutions](mailto:sales@servicesealingsolutions.co.uk).

Phone: 01952 510050
sales@servicesealingsolutions.co.uk
www.servicesealingsolutions.co.uk



Sealing heat pump services with precision German engineering – meet DOYMAfix®

We are delighted to feature Service Sealing Solutions Ltd, our previous Building & Construction Review Company of the Year 2023, for its 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.

Based in Shropshire, Service Sealing Solutions Ltd has built up a loyal customer network across the UK, however, 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. Premium products from Service Sealing Solutions Ltd are industry gold-standard and seal against water, air and radon gas ingress.

We spoke to Jim McAra: Sales Director about how the company fared in 2023 and what's to be expected in 2024.

"Service Sealing Solutions, saw a 25% increase in sales enquiries and sales growth. We 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 throughout 2024 as 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, and with their recently released new generation Curaflex Nova® gaskets, Service Sealing Solutions Ltd are excited to bring these to market for its customers. DOYMA products have been used in 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 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.

We have further 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.

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"

For more information, please see below:
T 01952 510050
www.servicesealingsolutions.co.uk



Service Sealing Solutions Ltd

Smart Storm: the UK's leading industrial wastewater monitoring and treatment experts



In this issue of Building & Construction Review, we are delighted to select Smart Storm for demonstrating unparalleled Commitment to Excellence for thirty years in the wastewater sector.

Award-winning Smart Storm is a leading UK Manufacturer of Wastewater Monitoring and Treatment Instrumentation, additionally supplying bespoke solutions for the complex demands of industrial trade effluent. Built on a history of systematic research and development capability, the company has long been at the forefront of innovative products for water and wastewater industries. This has resulted in multiple prestigious awards for

developments in technology in the UK and across Europe.

The head office is located in Caernarfon, Wales, with cutting-edge R&D and production departments; the Yorkshire office in Halifax operates the wastewater solutions sector for trade effluent.

The company business is effectively organised into three separate areas which offer a unique hybrid benefit to all customers:

- **INSTRUMENTATION** – The expert product range includes level, flow, sampling, and water quality measurement.

- **SOLUTIONS** - for three decades, Smart Storm's solutions have supplied industrial wastewater monitoring, treatment solutions, and services –The bespoke solutions for trade effluent, empower clients from all industries to be environmentally compliant whilst reducing effluent bills.
- **FATS OILS AND GREASE REMEDIATION** – Design and manufacture of unique and innovative solutions for the removal of fats, oils, and grease from wastewater.

Smart Storm was founded in Halifax, Yorkshire in 1993, by Dr John Duffy, a pioneering academic in piezoelectric and dielectric material science, specialising in medical and industrial non-invasive sensing. After nine years as a distinguished lecturer at Bradford University, Dr Duffy saw an opportunity for a business challenge, having invented a new type of ultrasonic sensor.

Prior to Smart Storm, flow and level instrumentation for the wastewater sector was acutely dominated by German and French companies. Dr Duffy's foray into the sector therefore propelled the start of an unprecedented chapter in UK invention and manufacturing of wastewater instrumentation. Under the expert guidance of Dr Duffy, Smart Storm has become a Powerhouse in its own right, built on the sturdy foundations of expert research and development capability.

We spoke to Jan Richmond: Smart Storm's Sales and Marketing Executive to find out more

about this innovative manufacturer, "The latest Universal Smart Instrument is a result of three long years of meticulous research and development and is the only instrument of its kind in the market and truly without competition. No other product competes with its advanced technology and user experience.

Smart Storm has a strong belief in protecting our planet from pollution. Our water treatment specialists are dedicated to developing instrumentation and systems that meet the demands of pollution prevention and control. Our products, manufactured in-house, offer a simpler and more cost-effective means of measuring and controlling waste and enable wastewater to be managed and treated at source more easily, reducing carbon footprints and providing a positive social impact through an enhanced and cleaner environment."

Recently, Smart Storm has greatly expanded its product range and successfully moved into all areas of water and wastewater instrumentation, growing the business both at home and overseas, particularly Asia, Middle East and Africa, plus recent successes in South America."

The Neutralizer™ - Innovation in Concrete Washout pH Treatment

Using cutting-edge R&D practices, Smart Storm developed a mobile in-line treatment plant that uses CO₂ to counteract high alkaline concrete washout water and is a truly unique product on the market today.

The Neutralizer™ is aimed at a diverse range of industries from: concrete and brick manufacturers, construction companies, water, pharmaceutical & chemical companies, railway & road infrastructure, mining, and quarrying sectors and is a prime example of sustainable best practice.

As construction insiders will know, the pH of concrete wash water is particularly caustic (pH 12-14) and dangerous to local biodiversity if discharged to the watercourse. UK law stipulates that wash water cannot legally be discharged unless within the pH 6-9 level range and this extends to concrete wagon washouts to sewer and surface drains.

With compliant health & safety to consider, the use of acid for pH neutralisation is problematic on building and construction sites around the country due to its hazardous nature. Nor is it energy efficient to use clean water to dilute concrete washout, as this would require on average, 10,000 litres of water to reduce just one litre of concrete wash water from pH 13 to acceptable levels. Smart Storm's Neutralizer was precision-engineered as a more efficient system to traditional batch system methods, in which CO₂ is added to a tank to achieve the desired pH balance. This system is inherently flawed as there was no processing control and carried an excessively large carbon footprint. Smart Storm studied the effects of CO₂ for pH balancing from researching other industrial applications. CO₂ has been routinely used as a food and beverage additive, in fire extinguishers, welding, in the production of chemicals, as a refrigerant, in plastic

production, agriculture, and cultivation, but has never before been used to neutralise highly caustic concrete runoff on an ongoing flow basis.

Looking ahead to the future, Smart Storm is committed to placing clients at the forefront of products, services, and projects. We asked Jan what 'Commitment to Excellence' means to the company:

"Commitment to excellence is achieved by analysing what we can do to not only meet but exceed customer expectations using collaborative working practices and problem solving. Combined with a culture of creative thinking, innovation, and continuous improvement, we strive to deliver high quality products and services that continuously surpass expectations."

To read more about the Water Award 2023 Finalist shortlisting and the Neutralizer™, see the link below: www.smartstormgroup.com/pollution_mitigation_finalist_2023



Click on the QR code to find out more.

www.linkedin.com/company/2097214/admin/feed/posts/



Abseiling to construction excellence

In this issue of Building & Construction Review, we are delighted to showcase Innovate Access Solutions Ltd for demonstrating Commitment To Excellence.

Abseiling is normally associated with daredevil dangling off mountainsides or lycra-clad charity do-gooders descending high-rise buildings and yet industrial abseiling negates the use of scaffolding and offers businesses a cost-effective alternative.

Professional industrial abseilers or rope access, as it's known in the industry has been used for cleaning exteriors and facades, installing signs, painting and coatings, emergency glass replacements, through to routine maintenance or bespoke restoration and much more since the 1980's in the UK.

Rope access can reach inaccessible areas and allows trained professionals to work at height safely and efficiently, without the bulky use of scaffolding, cradles or aerial platforms. Rope access technicians are securely held by harnesses or a work seat and skilfully use ropes to navigate different directions at height.

IRATA (International Rope Access Trade Association) awards accreditations to rope access trainees and IRATA safety guidelines dictate the use of a backup fall arrest system, with multiple additional anchor points for maximum safety conditions.

To reiterate, working at height in this manner has many advantages over costly scaffolding, such as: reaching inaccessible areas, quick construction and dismantling, no disruption to pedestrian urban areas or construction sites and sustainable best practice. Rope methods don't necessitate the use of transportation for machinery, therefore reducing carbon footprint.

North-West Rope Access Masters

Innovate Access Solutions is a Manchester-based company, run by previous co-workers, Rob Foyle and Alf Taylor. Established in 2020, the two directors have over 25 collective year's professional experience. Rob is an IRATA 3 NVQ 3 painter/industrial coatings with extensive expertise and Alf has worked on rope access on locations like Guys Hospital and Tower Bridge and as a confined space high risk and rescue operative.

The co-directors tag-team seamlessly: Alf coordinates all client communication from initial enquiries, safety documentation to project completion, whereas Rob is chiefly based on-site overseeing all safety concerns and access requirements.

With SafeContractor and now ISO 9001 accreditations, Innovate Access Solutions is a big player in the rope access industry across the North West.

Isn't rope access work too dangerous?

This is a myth. Although rope access work is considered generally safer than scaffolding and other access work, many companies are worried about a pre-conceived safety aspect.

Professional rope technicians, such as Rob and Alf take extensive safety precautions including:

- ▲ Assessing any risks on a project during the preparation stage
- ▲ Installing anchoring and progression points if needed





- ▲ Using the dual rope system – using redundancy to safeguard safety (primary and secondary rope with two secure attachment points)- allows for horizontal moment and essentially self-rescue
- ▲ Using the Buddy System – partner rescue system if needed
- ▲ Level 3 IRATA technical grade – advanced rescue techniques and best industry practices – permission to work as site supervisors
- ▲ Full debriefing of project from a safety angle, and the removal of anchors/progression systems.

Rope access work as default setting

When buildings have complicated designs, scaffolding and other access platforms just won't cut it. Yes, rope access is born for restricted or inaccessible parts but pretty much any building type can be accessed with ropes. The professional rope technicians from Innovate Access Solutions are flexible and can even reach confined spaces like chimneys, with the versatility to carry out a range of jobs such as:

- ▲ Signage installation
- ▲ Painting and coatings
- ▲ Glazing and replacements
- ▲ Surveys
- ▲ Safety netting
- ▲ Debris netting
- ▲ Cladding
- ▲ Inspection

Using Innovate Access Solutions, means you won't need a different taskforce for different jobs as they can carry out all the above tasks and much more.

One of the biggest advantages of using industrial abseiling or rope access is the speed of delivery: setup times and general mobilisation is speedier than the cumbersome erecting of scaffolding. This has the knock-on effect on passing on savings to the customer.

Respect for heritage and contemporary buildings at height

Standard access methods could damage iconic or unusual buildings, whereas abseiling is damage-free, offering seamless cleaning, installation or inspection.

Time for Innovate Access Solutions to take centre stage

With over 25 years of experience in the Rope Access industry, Innovate Access Solutions provide high end rope access contractors working within the construction and industrial sectors. Only the most experienced and skilled IRATA Technicians are employed, to make sure that any work undertaken is completed to the highest standard.

After many years of experience working on power stations, stadiums, bridges, and large construction sites, the Mancunian experts are perfectly placed to help companies solve unique access problems.

What sets Innovate Access Solutions apart from competitors?

It's over to Rob Foyle: Co-Director, "Health and Safety is of the utmost importance to us, as is client satisfaction. Every job is surveyed by one of our directors, so our clients can be assured that all our paperwork is site specific and focused on their specific requirements. We also have an independent auditing and compliance consultant on hand to ensure our risk assessments and method statements are fully comprehensive.

We are very keen for potential clients to know that we provide honest and practical advice on their access needs, and how best to complete their complex access projects. Reputation is very important to us, and we are committed to providing an excellent service without the need to return to a job after completion."

Customers couldn't agree more with Rob and have written glowing testimonies such as Jo Rieny from

Ashleigh Signs, "Innovate Access Solutions have a strong pro-active approach towards safety and have worked closely with Ashleigh Signs and our external IRATA accredited consultant to ensure our rope access projects are delivered safely and on time. They have good management systems in place to ensure their training and documentation is current and sufficient and their crews are highly skilled and knowledgeable when it comes to planning and undertaking rope access works. Their communication throughout the planning, survey and approval process is always a high standard and this continues with all parties whilst on-site. We would be happy to recommend Innovate to others."

Here at Building & Construction Review, we are committed to showing our readers what commitment to excellence looks like and Innovate Access Solutions embody excellence throughout the whole company.

What does 2024 have in store?

"We are currently looking to expand our fleet, as well as hiring experienced site managers to enable us to focus more on the client relationships and growing our client base."

"We maintain that commitment to excellence means staying focused on our area of expertise, so we can continue to provide the high-end service our current clients have come to expect. Building a close relationship with our clients helps us to achieve this, as we can better understand how they operate and provide a tailored service, specific to that client. We enjoy our work, and it's much easier to enjoy it when you have a good working relationship with your clients," concluded Rob.

That's a wrap. If you've been impressed by Innovate Access Solutions like we have, give them a call or visit the website below:
T +44 (0)1618 505059
info@innovateaccesssolutions.co.uk
https://www.innovateaccesssolutions.co.uk

SUSTAINABLE BUILDING MATERIALS FROM FOUNDATION TO RIDGE



WINNER OF THE SUSTAINABILITY PRIZE
AJ SMALL PROJECTS 2023



Creating quality low energy architecture requires a dedicated, knowledgeable team from initial concept right through to finishing touches. Ecomerchant is a key part of that team for Charlie Luxton Design. Our values align, creating good buildings that perform and last whilst respecting our environment.

Charlie Luxton

Principal, Charlie Luxton Design

Black Barn Studios by
Charlie Luxton Design
Winner of Architects' Journal
Sustainability Prize 2023



Glamping business for sale

In this issue of Building & Construction Review, we are delighted to select Dorset Bell Tents for Commitment to Excellence.

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.

"We've had the most memorable experience, meeting a wide range of people from all backgrounds. The best moment has been seeing delighted faces as the guests arrive and the five-metre bell tent is adorned with home-made bunting, floor rugs and fairy lights. Glamping is synonymous with outdoor luxury - combining the closeness of nature with a sprinkling of magic. Imagine a clear summer's night, the milky way stretching across the skyline and a fire pit roasting s'mores. It doesn't get any better than that - you might even see a shooting star!" explained co-owner Tiffany.



Glamping started gaining traction back in 2011, way before COVID staycations and in fact, according to a report by Research and Markets, the UK glamping market was worth a whopping £3 billion in 2018 and £5 billion in 2022. With an annual growth rate of 10%, it has shown no signs of slowing down. Simply put, glamping offers a luxurious alternative to camping and attracts a wide demographic of fans, from DINKY's, young families, grandparents to wedding couples.

In the wedding industry, glamping offers a memorable, rustic, boho experience in wildflower meadows or with panoramic coastline views. Bell tents are particularly 'instagrammable' - the off-white canvas contrasting with lush green meadows and open blue skies.

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've loved every minute of our business but are now looking to travel and work in Africa, for our next big challenge. We want to pass on our business to a new owner - and what an opportunity! Dorset has everything from beautiful coast lines, summer food and music festivals and of course, the famous Jurassic Coastline: a UNESCO World Heritage Site - recognised for its outstanding rocks, fossils and

landforms. There is something for everything, from kayaking, wild swimming, fossil hunting and for literary fans, many of Thomas Hardy's novels are set in Dorset.

Our bell tents are popular from April to October for all events and we offer three graded packages, with the standard package being most popular. This includes: pre-pitched tent, zipped in groundsheet, pre-inflated beds and bedding, handmade multi-coloured rugs, external bunting and solar fairy lights and LED storm lantern. Customers can also pick n' mix from our flexible booking options.

Our heavy-canvas bell tents have frequently been the only ones left standing, even after the storms of late and the beauty of the design is it 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.

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

T 01202 374188 | M 07503 000188
info@dorsetbelltents.com
www.dorsetbelltents.com

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.



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.

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

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.

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.

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

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

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!

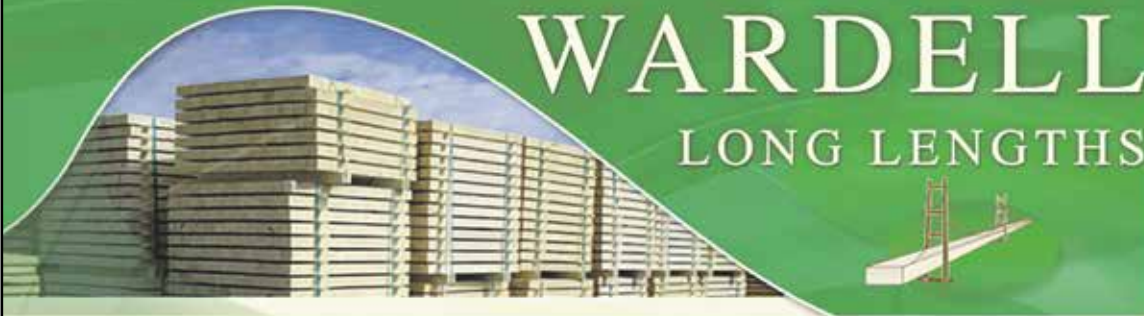
Not all charred timber is black. Our skilled team brush, char and finish FSC® certified timbers to create a highly desirable selection of cladding including:

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

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

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<https://exterior.supplies>




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.

- Specialists in large section timber, irregular sizes and long lengths. Sections 600 x 600 and lengths to 15m
- British and European white wood, red wood, Douglas-fir and Oak
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Warwick Buildings Ltd wins Award of Excellence for 2024

Warwick Buildings Ltd is a leading local supplier of high quality timber buildings, specialising in garden offices, modern garden rooms, and wooden garages. With a focus on quality craftsmanship and a commitment to using sustainable materials, Warwick Buildings is a trusted name in the industry, providing customers with versatile, aesthetically pleasing structures enhancing their outdoor spaces. Founded in 1988, at the heart of Warwick Buildings' success is its customer-centric approach. The company prides itself on delivering a personalised service, assisting customers from the initial design phase to the final installation.



These structures are crafted with precision and attention to detail, utilising high-quality timber. Whether for remote professionals or those looking for traditional office spaces, these garden offices are a perfect solution. Warwick Buildings offers a wide range of customisation options, allowing customers to create a building that matches their specific requirements. Warwick Buildings incorporates advanced insulation techniques and double-glazed windows into their garden rooms and offices, making them energy-efficient, suitable for year-round use.

E2 Media have recently unveiled their highly anticipated 2024 Awards of Excellence. Warwick Buildings Ltd, have secured the prestigious award for the second consecutive year. Their exceptional dedication to providing unparalleled customer service has set them apart.

Warwick Buildings' outdoor buildings are designed to meet the growing demand for functional workspaces within the tranquillity of your home.

So, if you're looking for a suitable outdoor office space or want to increase your living space then Warwick Buildings is the go-to choice for all your needs.

For more information visit www.warwickbuildings.co.uk

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it in Microcement - creating a personal and unique piece of art/ furniture.

With our team of in-house steel fabricators and master carpenters - we can bring our customers design concepts to reality. At BespokeCrete - we have a range of stunning furniture or we can create a completely bespoke design of your choosing.

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. For more information, see below.

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and fire resistant, and resistant to moisture, fading and weathering, require very little maintenance, are well-suited to remediation projects and represent an effective alternative to conventional decking solutions, where there can be no compromise between aesthetics and performance.

Available in a **selection of striking wood-effect finishes**, ranging from Brazilian Walnut to Himalayan Birch, RYNO states that, "All finishes achieve a stunningly authentic hard-wood feel, and the various hues and tones ensure our boards can seamlessly integrate into a wide range of projects."

All Vitrified Composite™ finishes received the 'low slip risk' classification, making this material an excellent choice for all high-traffic terrace applications.

Vitrified composite decking boards are extruded from a composition of clays and feldspar and fired (or vitrified) in the same way as porcelain. They are stain

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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.



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.

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.

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.

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

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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:

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- ▲ 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.

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

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Pictured with Hydro Heater Managing Director David Donald is Ryan Birchall,

product quality manager at Forest Holidays, taking delivery of 10 Hydro Heaters at their site in Keldy, North Yorkshire. The introduction of the Hydro Heaters will mean substantial savings in time and energy costs to the tune of tens of thousands of pounds per year on each of their parks for the company, a certified B Corporation. Not to mention the smiling faces of guests who can enjoy their hot tub as soon as they arrive!

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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:

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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

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Cibes Lift UK

Cibes Lift UK is one of the leading suppliers of Platform Lifts, Cabin Style Platform Lifts, Home Lifts and Goods Lifts - offering UK wide coverage and support. Our team can help find the perfect solution for your building, whether this be a commercial, public, private, or home environment.



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For more information, see below.

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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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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>

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.



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DICON Safety Consultants awarded Excellence in Business Award - Safety Specialists by The Public Sector Magazine 2023 as well as Excellence in Health & Safety in the Fit Out Awards 2022.



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