

Building & Construction Review



The Van Insurer presents a positive outlook for the van market

Data released by the Society of Motor Manufacturers and Traders (SMMT) earlier this month painted a very **positive picture** for the van sector.

Not only were 2019 registrations up by 2.4 per cent over the year, but it was the most successful year for van registrations since records began.

The latest statistics from insurance price comparison experts **The Van Insurer** have further reinforced this positive outlook. According to their latest data, they processed a hefty 7 per cent more van quotes in 2019 compared with the previous year.

Ed Bevis, Marketing Manager at The Van Insurer, said: "The latest registration statistics reinforce the positive outlook we've gleaned from our own data. Here at The Van Insurer, we've enjoyed a bumper year for insurance quotes, which shows huge market appetite."

"We're seeing both existing and new customers coming to The Van Insurer for their quotes, safe in the knowledge that our 'Cheapest Price Guarantee' will ensure that they get the best deal. We're looking forward to helping even more van drivers find the insurance options that best suit their needs for this year and beyond."

Most popular vans of 2019

With more vans on the road than ever before, The Van Insurer has analysed its quote data from last year to identify its Most Popular Vans of 2019.



2018 Ranking	2019 Ranking	Van	Average comprehensive premium 2019
1	1	Ford Transit	£1,288.95
2	2	Vauxhall Vivaro	£1,002.69
3	3	Ford Transit Connect	£1,042.64
5	4	Mercedes Benz Sprinter	£1,669.51
10	5	Ford Transit Custom	£1,078.11
4	6	Volkswagen Transporter	£610.83
7	7	Citroen Berlingo	£926.53
6	8	Vauxhall Combo	£1,035.58
8	9	Renault Trafic	£1,001.66
9	10	Volkswagen Caddy	£972.12

Ed says, says: "Here at The Van Insurer, we are used to handling quotes for drivers with various specific needs but it's always interesting to see how some models stand the test of time, emerging as frequent favourites."

"Whatever their requirements, we like to remind all of our customers that we can help to find a quote that works for them."

For more information on The Van Insurer, including its Cheapest Price Guarantee, visit www.thevaninsurer.co.uk or follow on social media via Facebook @VanInsurer, Twitter @Vaninsurer and Instagram @thevaninsurer.

*The Top 10 list comprises the vans for which The Van Insurer received the most quote requests from January to December 2019.

**Insurance quotes relate to average comprehensive premiums. Prices are dependent on external factors including regional variation, individual van specifications and use.

VIND | VIND

Vind-Vind
See on page

02



Vandecasteele Houtimport
See on page

03



Direct Hoist
See on page

05



hsbcad
See on page

06



Puravent
See on page

19



BalconyLife
See on page

21

New cutting technology solves nuclear reactor drain blockages

Drainage engineers from Lanes Group plc have used new pipe cleaning technology to solve persistent drain blockage problems at a nuclear power station.

They used two machines – a new Picote mini cleaner and an electro-mechanical cutter – to clear drains in one of the two reactor halls at Heysham power station in Lancashire.

Their success means station workers can be confident that the drains flow freely so they do not have to use contingency measures to take wastewater to a radioactive effluent treatment plant.

The stainless steel 75mm-diameter drains were installed when the power station was built in the 1970s. They are encased in concrete which has made them difficult to keep clean.

They are also located within the radiologically controlled area (RCA) of the Heysham 1 reactor hall. This meant the two Lanes operatives had to wear specialist protective clothing and follow strict radiation protection procedures.

The drains, designated as 'active' because they could be contaminated with nuclear radiation, were cleaned in two stages.

First, a Spartan electro-mechanical cutter was used to break through blockage material. The device has a flexible cable with a rotating steel cutting head on the end for



scouring the inside of pipes.

Then, the Picote mini cleaner was used to break up the blockage debris and push it into waste sumps, leaving the pipes clear. The device can be fitted with different rotating heads. In this case a flail was used.

The Lanes Preston depot regularly delivers drainage services at Heysham power station. However, this was one of a few occasions where its teams have operated inside an RCA inside a main reactor building.

More than 100 metres of pipework were cleaned, along with surface water gullies and sink outlets, in three key areas: the reactor basement area, the gas circulation maintenance facility, and the radiation effluent treatment plant.

Construction of Heysham 1 began in 1970. Its two advanced gas-cooled reactors began generating electricity in 1983 and 1984 and have a combined generating capacity of 1150MWe.

www.lanesfordrains.co.uk

Timber window & door specialists

Arden Windows is a manufacturer and installer of high performance timber windows and timber door sets. Established in 1985, the Coventry based company has grown significantly since its inception and is at the forefront of modern timber window and door technology.

With an extensive range of products, Arden Windows provides a selection of made-to-measure timber windows alongside a comprehensive range of external single, double and bi-fold doors. Providing bespoke design, installation and refurbishment services throughout the whole UK, Arden Windows is well equipped with the expertise to meet the most specific requirements for both performance and aesthetics.

Due to the company's array of capabilities, Arden Windows provides its service for a diverse customer base. "We have a varied customer base. I would say that around 70% of customers are for new builds, 20% refurbishment and 10% are private developers." John Sidebottom, Sales and Marketing Director.

In attendance at the London Build Expo in 2019, Arden Windows showcased their impressive range of products and services.



"The show went really well for us!" John expressed, "Two weeks prior we attended another event and we were really surprised at the overwhelming positive experience we received in comparison at the London Build Show. We met a lot of potential new customers and several new leads have come from it."

Having gained 30/40 inquires since the London Build Expo, Arden Windows experienced an extremely positive experience for exposure and networking opportunities. Displaying their award winning timber products, John explained that the show was a great experience for the company to demonstrate their services and top quality products. "All of our products are secured by design, durable and sustainable. We use top quality timber which is FSC accredited and we make sure to use environmentally friendly solutions, such as using water based paint. We are also fully accredited for installation of our products." said John.

In terms of recent developments for the company, John told us that, "We were awarded the Product Design in Wood Award by the British Woodworking Federation in 2018."

T 0247 663 2423
www.ardenwindows.net

Reign in the wind with Vind-Vind



Building and Construction Review is proud to announce that Vind-Vind has received our Commitment to Excellence award.

Vind-Vind was established in 2012 by siblings Per and Leika Jørgensen. "Our first assignment was a little by coincidence in 2011," said Leika. "We took some classes together in Fluid Dynamics, as we needed the classes to finish our Masters, Per as a physicist and myself as a construction engineer specialist in water building. In 2011, we talked about the possibility of using the same CFD-programs that find loads in water building to find wind loads on ordinary buildings.

"Per's brother in law, an architect, had been involved in these considerations, and some months later his company, Gröning Arkitekter, needed wind comfort analysis for the planning of a new urban area. They asked if we could do such a survey, and we ended up succeeding very well. Besides doing the simulation, we managed to communicate the results in an easily accessible way. The municipality and the architects were thrilled that they actually understood the results and conclusions. After this, we got more assignments and established Vind-Vind."

In recent years, wind comfort has become an increasing focus for municipalities, politicians, architects and builders in urban planning and major new buildings. This is because more has been built on wind-exposed areas, for example on coasts, and people have begun to spend more time outdoors, such as in cities and residential areas. What's more, today's IT solutions have been developed to make it easier to map the wind and propose solutions and improvements.

Based in Copenhagen, Vind-Vind predominantly provides wind comfort analysis for urban planning. As well as this, the company also does all kinds of

simulations of fluid dynamics in combination with constructions. Vind-Vind has done simulations of how the wind influences the smoke due to a fire, wind loads on façade elements, reducing the wave height near offshore platforms, and pressure on façades due to permeability of cladding. What's more, Vind-Vind is also starting work on ventilation, positioning ventilation channels and passive ventilation elements in buildings.

"For our wind comfort services, building developers are our main clients, however we also collaborate with urban planning architects. We also see municipalities as our main clients, as these have a natural interest that the public urban areas support social activities.

"For our other products, consulting engineers are our main customers. For wind loads we see producers of façade solutions, as cladding is exposed to wind and the most common failures from wind loads are in cladding."

All of Vind-Vind's services are underpinned by unrivalled expertise and experience within the industry, and the company works very closely with its customers to help establish exactly what they need.

"We believe our dialogue with the customer is the most important aspect of what we do, even though the calculations are difficult and not for everyone to do," explained Leika. "To get the best results, we need to understand the problem that the customer is facing, and if the customer doesn't understand the results and conclusions, the simulation is worthless.

"We benefit from an internal knowledge of the building industry. I have been working with project management in the building industry for many years. We have had some successful collaborations



Source of illustrations: Jens Lindhe and Arkitema Architects

with architects adjusting significant buildings and urban areas due to the challenge of the wind, without compromising the architecture. Some examples are Lighthouse in Aarhus 3XN and Nordbro in Copenhagen with Arkitema, and Karen Blixen Plads and parts of Nordhavn in Copenhagen with Cobe.

"We like to have a focus on the creative process, and get involved from an early stage. It is easier to make adjustments in the early stages, ensuring that it does not become an expensive process. As well as this continuous dialogue, we are always developing our services. We are creative and are capable of transforming known solutions into solutions for other problems, and Per is highly qualified in data analysis."

Recently, Vind-Vind has had some exciting collaborations with a selection of Danish universities, a result of the company's passion for exploring new technologies and methods and how they can be used with its services. Moving forward,

Vind-Vind will be continuing to expand the type of services it can offer, growing its presence in the market across Europe.

Vind-Vind also recently held a small international conference to mark the completion of its research project into wind load.

If you would like to find out more information on everything Vind-Vind has to offer, head to the website or get in touch using the contact details below.

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www.vind-vind.dk**



Industry Leaders in Importing Certified Timber



In this issue of Building and Construction Review, we have selected Vandecasteele Houtimport as the recipient of our Commitment to Excellence Award.

Vandecasteele Houtimport is a fourth generation, family run business that imports timber and timber products from all over the world. Located in the heart of Europe, with easy road access to customers in all European markets, Vandecasteele Houtimport has developed significantly throughout the years, leading to its long-term strategy to become Europe's number one timber stockist.

"We import, stock and distribute hardwood and softwood from around the world to over 30 countries. Due to the fast pace of modern industry, we can react quickly to our customers' demands and deliver stocks difficult to source within days on our own fleet of 18 vehicles," said Genevieve Standaert, Export Manager.



Established in 1883 by Louis Vandecasteele, Vandecasteele Houtimport is located in West Flanders with its uniquely designed warehouse and office in the town of Aalbeke, Belgium. Vandecasteele Houtimport has its own impressive storage facility that can accommodate more than 150,000m³ of sawn timber products and with the additional shed now being completed, the total covered space of the company's main warehouse now reaches 16 Hectares.

Vandecasteele Houtimport specialises in the import, trading and export of Tropical Hardwood from Africa, Southeast Asia and South America, Scandinavian and Russian Softwood, Siberian Larch and North American Soft and Hardwood.

"Vandecasteele has the resources and ability to adapt to the sensitivity of the market and bridges the gap between sources of supply in Africa, Far East, South America and North America to Europe, in a matter of days." Genevieve stated, "This makes the company the first choice with many importers and merchants. Utilizing its most impressive and vast stockholding of Hardwoods and Softwoods coupled with strong environmental credentials."

Maintaining an extensive range of products, Vandecasteele Houtimport has over 130 timber species in stock including the new addition of European Oak FSC® in Joinery, Prime and Super Prime grades. With a broad range spanning from the most expensive and rare hardwoods, to a full assortment of softwoods, Vandecasteele Houtimport provides a selection of wood available in various quantities and sizes.

100% of the softwoods stocked are certified. Over 30,000 m³ of the Tropical hardwood stock is now certified and still growing. Vandecasteele has a dedicated team to ensure all due diligence is up to date. In addition to the strict due diligence process, Vandecasteele

has invested in a forest engineer in Brazil to assure full control on the CoC of the Brazilian timbers purchased. This makes Vandecasteele Houtimport the biggest stockholder of certified tropical timbers in Europe.

"We provide large volumes of certified stocks, plus specialist dimension material, available for prompt dispatch," Genevieve said.

A feat within the company's range is Thermo Ayous, a thermally modified timber which is an excellent choice for cladding. Thermo Ayous is a knot free clear grade hardwood, which has been created using the latest thermal modification processes. Through applying heat, steam and pressure to the timber, this process reduces the ability of the cells in the timber's structure to absorb water. Thermo Ayous Wood Cladding is a popular choice next to a whole range of traditional species such as Western Red Cedar, Siberian Larch, Oregon Pine, European Oak and many Tropical Hardwoods which are commonly specified by Architects.

One of the most notable focuses for the company, Vandecasteele Houtimport maintains a strong stance on meeting sustainable and environmental aims within its business. "Since 2000, Vandecasteele Houtimport has committed itself through the Corporate Sustainability Charter, by signing up to environmental objectives and exceeding applicable environmental legislation." Genevieve elaborated, "The charter is a management tool and incorporates the 17 Sustainable Development Goals of the United Nations. This year, Vandecasteele will obtain the UNITAR certificate from CIFAL FLANDERS."

In terms of recent developments for the company, Vandecasteele Houtimport has seen expansion in numerous ways. Recently, the company has invested in the



construction of a 37,000 m² warehouse extension to ensure all products are centralized for fast picking and loading. The warehouse has also been installed with solar panels on its roof, in keeping with the company's sustainable business plan. Genevieve explained that the company has also developed, "Racking system to speed up the picking of packs and we have upgraded our trading system which has been rolled out, allowing customers to browse and order packs, plus obtain full packing and quality details."

A few noteworthy appearances for the company this year, Vandecasteele Houtimport is exhibiting at numerous tradeshows worldwide including this year at Budma in Poland, Carrefour du Bois in Nantes and METS TRADE SHOW in Amsterdam. The company will also be attending Bau in Munchen and Branchentag in Köln, next year in 2021.

With a clear dominating presence through the company's 135 years of trading in wood, Vandecasteele Houtimport is continuing its commitment to its customers and suppliers and is striving to continuously improve its business. The company has also set a challenging goal to stock 100% certified timbers from 2025 and looks to the future with confidence.

For any more information, please see the details below.
T 0032 5643 3300
www.vandecasteele.be



Stand out from your competitors with a Kitchen in the Garden!



Kitchen in the Garden, based at Cedar Nursery in Cobham, Surrey, provides advice and offers technical support for the design and build of outdoor kitchens. From premium pizza ovens, contemporary grills, sinks and fridges, to a vast range of specialist cooking equipment, we can cater for all things outdoor cooking, along with a variety of storage options to suit your needs.

With more or less everyone offering indoor kitchens, why not set yourself apart by

supplying an outdoor kitchen to your clients? Imagine those summer months spent outdoors, sipping on an ice-cold beer, or delicious glass of wine, with great company, great weather and, most importantly, great food.

It's not solely for the summer months either, showing off outdoor culinary skills is something everybody should do all year long! Who doesn't love the delicious taste of barbecued delights and the enticing smell

of a mouth-watering meal on the way? We can provide highly knowledgeable experts to help with every aspect of the design and construction advice, who will be dedicated to the cause until the very end. With all of this, together with component ranges to suit every budget, your clients will find it hard to say no!

For more information please call 01932 862473, better yet come and see us in Cedar Nursery, Cobham, or visit www.kitcheninthegarden.co.uk



Nationwide Louvre Company for high quality aluminium Louvres, Louvred Doors, Louvred Plant Screens, Acoustic louvres, Aluminium & Timber Brise Soleil / Solar Shading manufactured in our factories in Aldridge in the West Midlands. Nationwide Louvre Company offers a full supply and installation service to its customers throughout the UK and have carried out a number of projects in the channel isles and Europe.

The business has over 40 years of experience in supplying and installing high quality products on residential, commercial and construction projects. Nationwide Louvre Company use in-house highly trained installation engineers with many years experience and specialise in louvred plant screening and Brise Soleil with a number of our projects having been recently submitted for design awards.

Our Brise Soleil projects are backed up 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 if designed correctly 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.

Contact
T 01922 457204
sales@nlc-louvres.co.uk





Kitchen in the Garden, based at Cedar Nursery in Cobham, Surrey, helps to advise, inspire, supply and offer technical support for the build of outdoor kitchens.

With the ever-increasing popularity of outdoor cooking, we have a proven track record in providing a wealth of technical and functional expertise to enhance any of your client's outdoor space, offering ideas and guidance in what features can be integrated into outdoor kitchens using the leading brands that we sell.







Kitchen in the Garden, Cedar Nursery, Horsley Road, Cobham, KT11 3JX
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T 01922 457 204
sales@nlc-louvres.co.uk

Climbing to New Heights



Direct Hoist maintains a specialist team of fully trained hoist experts and time-served tradesmen; the team provides customers with not only top quality products but also expert services and valued insight through tailored consultancy. Direct Hoist provides a full comprehensive service from start to finish, which includes on-site surveys, installation, maintenance and repairs, dismantling and weight testing services.

Within the construction industry, health and safety is of paramount importance, without the right safety measures and equipment efficiency, lives can be in danger. Direct Hoist does not cut corners on safety and provides only the best quality construction hoists. By using GEDA, Direct Hoist ensures that they are providing the most reliable, top quality equipment as GEDA are manufactured through traditional German manufacturing practices of competence.

Through the company's emphasis on providing the best equipment possible, Direct Hoist also ensures that their team are the best and are fully qualified, investing within their team to provide specialist training programmes. In fact, all hoist installation supervisors at Direct Hoist have been trained to achieve a minimum of an NVQ Level 2 Diploma in hoist installation. They also ensure that their team are all SSSTS certified, own a valid CSCS card and carry current CCNSG safety passports.

The company also boasts an expansive range of accreditation. Direct Hoist is a member of CPA (Construction Plant Hire Association), CHIG (Construction Hoist Interest Group) and CITB (Construction Industry

Building and Construction Review is proud to feature Direct Hoist for our BCR Recommends profile, for the company's ongoing commitment to the construction industry.

Direct Hoist specialises in GEDA construction hoists and transport platforms, providing the best quality, efficient and reliable hoist equipment for the construction industry. Direct Hoist has over 30 years of experience working within the industry and has built a strong reputation as experts in hire and sales of GEDA hoists and associated products.



Training Board), and the company is also fully accredited with Constructionline.

In terms of the hoist equipment range that Direct Hoist provides, the company maintains a varied selection of GEDA Hoists, from small to large with load capacities ranging from 150kg to 3700kg. "Our hoists are modern and lightweight; they are also extremely cost-effective for the customer," said Rob Wilson, Managing Director. "As the hoists do not require a concrete base or embedment frame, they save the customer money. The hoists are made to benefit the customer and help speed up the construction process and improve productivity."

Direct Hoist also maintains a fleet of hoists available to hire including: scaffold erection hoists, goods hoist, transport platforms, inclined tile hoists and XL hoists. Through Direct Hoist's impressive leading manufacturer contacts, the company guarantees to supply

their customers with the most efficient equipment for their needs.

Rob told us that, "We will always strive to be the number one hoist company in the UK. We have expanded our market presence further, expanding into the south, midlands and the north."

Since we started, we have had to move our Head Office/Main Depot at Scunthorpe three times over the last 5 years due to expansion, along with the introduction of Satellite depots across the UK so we can grow with our customers and hopefully this continues."

For any more information please see the details below.

Head Office/Main Depot: T. 01724 781647
rob.wilson@directhoist.co.uk (Geda Sales).
Mob: 07585 509130
Joe.wilkinson@directhoist.co.uk (Geda Hire).
Mob: 07799 312729
www.directhoist.co.uk





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Britlift are a designer and manufacturer of lifting equipment, specialising in the lifting of modular homes, bathroom pods, commercial modules, containerised structures and pre-cast components.

With a wealth of experience in the design and manufacture of lifting frames and lifting systems to the Offsite Construction sector, Britlift are the Offsite sector partner of choice.



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Britlift

Britlift are a designer and manufacturer of lifting equipment, specialising in the lifting of modular homes, bathroom pods, commercial modules, containerised structures and pre-cast components. With a wealth of experience in the design and manufacture of lifting frames and lifting systems to the Offsite Construction sector, Britlift are the Offsite sector partner of choice.

Contact
www.britlift.com



Full software solution for offsite construction

Within this issue of Building and Construction Review we are proud to reveal that we have chosen to feature hsbcad for our BCR Recommends profile.

hsbcad is a market leading software solutions company that provides a range of software for the offsite construction industry. "We are a software supplier and consultancy company for the offsite construction industry. We provide training and consultancy services for our software and are able to develop customised solutions designed to specific requirements of our customer," said Alberto Jena, Managing Director.

hsbcad offers a whole host of flexible software solutions and is based on intelligent 3D building model from Autocad Architecture or Autodesk Revit. Using CAD, CAM and BIM, hsbcad's software is well equipped and adaptable to work with companies to support their production methods and technologies.

The software has been expertly designed to provide customers with a full solution for all planning phases of prefabricated house construction and provides data flow throughout the whole planning process. The software supports companies from initial drawing of the first design to production and maintenance of the final construction piece.

In terms of its range of software, hsbcad maintains three software solutions: hsbdesign, hsbmake and hsbshare. "Each of our software solutions works great individually, but creates a full solution for customers when used together." Alberto explained, "By using the software together, it provides a solution throughout the whole process encompassing design, production and monitoring."

hsbdesign is a collaborative BIM software solution, which is a great tool for designers, project engineers, production and site teams, to detail and design projects. The software helps customers make their designs production ready and is renowned as the most powerful detailing software in the offsite construction industry. Intelligent, efficient and reliable, hsbdesign is continuously updated to ensure it meets the latest industry standards and is extremely versatile, enabling customers to customise their projects and collaborate with stakeholders using all the latest standards of BIM.

hsbmake is a production management system which has been created to enable users to produce, assemble and deliver their projects. Optimising production, hsbmake improves production processes and enables customers to control their factory efficiently. The software allows users to: communicate efficiently with their shop floor, keep process inventories, gain overviews and insights into their production site and provides material handling at high quality standards.

hsbshare is web based application software using hsbcad's BIM cloud-platform that enables customers to virtually monitor their projects. hsbshare is a collaboration tool that facilitates and unites all stakeholders, in the design and production process of projects in an easy to use platform.

A couple of notable upcoming appearances for the company, Alberto told us that, "We will be attending the OFFSITE EXPO in Coventry in September and The Offsite Construction Show in London in November."



Speaking of the company's future plans, hsbcad plans to continue providing its expert solutions for the offsite construction industry and remain a reliable software specialist for design, production and monitoring of offsite projects. Alberto expanded that, "The company is growing and we plan to continue our growth and expand on our products."

For any further information, please see the details featured below.
T 0203 384 2008
www.hsbcad.com

hsbcad
Empowering you to realise

hsbcad provides flexible software solutions for the offsite construction industry. CAD/CAM/BIM products to the core, our services are tailored to support your production methods and technologies, from design to construction.

Avoiding landfill & saving millions

As landfill taxes rose above £90 for the first time earlier this year, there is now more pressure than ever to recycle waste materials. More efficient recycling schemes across the UK has meant that, despite the rising costs of landfill, the amount of money it generates has lowered by almost £300m since 2014.

Earlier this year Dunton Technologies were contacted by a remediation contractor that had been awarded a contract to assist with the redevelopment of a former gas works. The 16 acre brownfield site used to be home to two large gasometers, which were demolished back in 2016.

Dunton were called upon to provide their expertise in the disposal of potentially hazardous waste soils that were to be excavated from the land. Of course, with large sites, the significant volumes of waste material mean that even the saving of a few pounds per tonne can end up equating to tens of thousands of pounds by the end of the project. This is where Dunton's vast experience in the handling of hazardous



materials, combined with their strong network of UK waste treatment facilities, ensures that the client will always benefit from the most cost-effective distribution of the waste.

Dunton's Environmental Manager for this project, Adrian Jefimiuk writes:

"Whilst saving our clients money is a primary focus of our waste disposal services, we find that the main reason many of our customers choose Dunton is due to a solid reputation for ensuring 100% compliance with every tonne of material we handle. We understand the importance of providing a trustworthy and reliable service in order to provide our clients with peace of mind."

Having worked closely with our client since May, Dunton have already handled over 4000m³ of waste soils, saving the client over £700,000 in landfill taxes.

www.duntonenvironmental.com

Pleased to have worked on the St Erth Multi Modal Hub

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hsbdesign
 Make your designs production-ready with the most powerful detailing software.

hsbmake
 Produce, assemble and deliver your projects in the right format, at the right time and in the right place with dynamic production control software.

hsbshare
 Virtually monitor your projects on a BIM cloud-platform enabling collaboration between all stakeholders involved.

Contact us: +44 (0) 20 3384 2008 info@hsbcad.com www.hsbcad.com **hsbcad**

Lendon Containers –always on hand to help with all your marine shipping container needs

In this issue of Building and Construction Review, we are proud to feature Lendon Containers for our BCR Recommends profile.

Lendon Containers is based in the Clapham Common area of London, the company was founded over 20 years ago by the company's namesake Lendon Meaby. Lendon Containers sell and rent marine shipping containers and has built a strong reputation for its containers and boasts an impressive portfolio of satisfied customers throughout a variety of different sectors including: The Army, Local Authorities, Leisure Facilities, Construction, Parks and Garden Centres, Hospitals, Static Storage Centres, Schools, and Utility Companies.

Shipping containers are an extremely cost-effective and flexible storage solution as they are easily transported, opposed to other storage facilities such as warehouse storage. The

company's containers are not solely hired or purchased for their storage capabilities and have been converted by many clients for a whole host of different applications and purposes, including generator units, laboratories, clubhouses, secure site offices, chemical stores, pop-up bars and food stalls.

In terms of the range, Lendon Containers provides containers for hire and for purchase. The containers are extremely competitively priced and can be rented from as little as £9 a week, plus VAT. Containers available for rent are either 20ft or 40ft x 8ft x 8ft 6ins or 20ft ISO containers. Hiring a 20ft container offers nearly 14 square metres – 32 cubic metres – of space.

Maintaining an experienced team, Lendon Containers can help customers with the entire conversion process; from the design of the container right the way through to fitting it out

and transporting it to the customer's location. Regardless how big or small the project is, the team at Lendon Containers is always on hand and will guide its customers through every step of the way. There are many examples of previous conversions available for customers, with sample materials and styles available.

A great solution for cost-effective, simple and transportable storage or a unique conversion facility - Lendon Containers provides a plethora of options for customers.

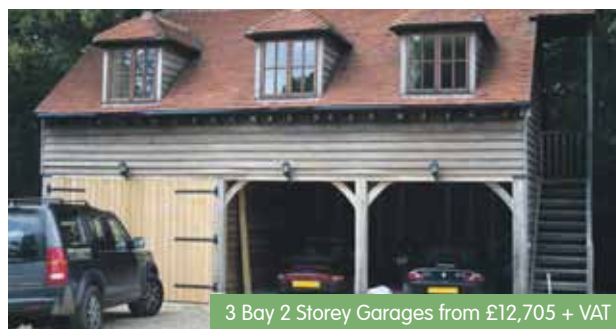
For any more information, please see the details featured below.
 T +44 (0)20 7350 1940
 info@lendoncontainers.co.uk
 www.lendoncontainers.co.uk



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 www.crownoakbuildings.co.uk
 info@crownoakbuildings.co.uk



2 Bay Garages from £5,005 + VAT



3 Bay 2 Storey Garages from £12,705 + VAT



2 Bay 2 Storey Garages from £7,714 + VAT



3 Bay Garages from £7,508 + VAT

Gabriels Farm, Marsh Green, Edenbridge, Kent, TN8 5PP

Engineering excellence from RJW Engineering Group

We are proud to feature RJW Engineering Group for our BCR Recommends profile.

Established in 1989 by Richard Wragg, RJW Engineering Group specialises in prototype manufacturing, working with stainless steel, mild steel, plastic and other associated materials to help turn its clients' concepts into reality.

For over 30 years, RJW Engineering Group has been involved in inventing various ideas and taking them to market, and has even achieved a place in the Guinness World Records Book for the largest copper pipe fitting in the world.

"We started out as fabricators and then fell into prototype work," Richard explained. "We're focused on innovation work, helping clients to solve problems, make projects more efficient, and realise their ideas."

Indeed, RJW Engineering Group works closely with its customers to identify their individual needs. "We offer more of a consultancy service," Richard elaborated. "It's a collaborative process – nothing is ever the same because our client base is so diverse, including anything from automotive to plumbing to railway companies, so we have to make sure we understand everything the client needs from us so we can develop the most appropriate solution."

One of the company's current projects is the Top Up Mate, an innovation solution for avoiding boiler shut down due to low pressure. Fitting all domestic pressurised systems, the Top Up Mate is WRAS Approved and can help people save time and money by eradicating the need for unscheduled call outs.

As well as this recent development, RJW Engineering Group has a range of other innovative solutions. These include the Pipe Cowl, which saves up to 15 minutes on boiler installation and is a simple solution for pressure relief termination. There is also the Click Fix, fixing pipes without the need to 'cut' the pipework, and the Burst Alert, which provides automatic action to prevent leaks turning into a flood.

Furthermore, the Drain Early Warning System (DEWS) alerts clients to rising and falling water levels to give the occupant a chance to remove valuable items from the home or replenish water levels. Safety Stair Rods prevent the risk of slips and trips on the stairs, while the Drain Key allows the safe lifting of manhole covers.

With decades of experience and expertise, RJW Engineering Group will no doubt continue its admirable work in the coming years, offering only the highest levels of engineering excellence for each customer it works with.

If you would like to find out more information on everything RJW Engineering Group has to offer, head to the website or get in touch using the contact details below to discuss your needs.

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Architectural hardware at its best



to make a bold statement with their interior design while maintaining the leading quality associated with Vier products.

"This will be released in phases," Jonathan elaborated. "It's modular, so people can change the feel of the products with different finishes. They're also magnetic so they are quick and easy to install."

"We've got some more new ranges coming out next year, which are currently in development with

the design team. It's been a very busy year for us, and we're launching a brand new catalogue in 2020."

If you would like to find out more information on Zoo Hardware's full range of products, head to the website or get in touch using the contact details below.

T 01228 672900
sales@zoo-hardware.co.uk
www.zoohardware.co.uk



Building and Construction Review is proud to announce that Zoo Hardware has been chosen to receive our **Door Hardware Company of the Year Award**, for its outstanding range of top quality architectural door hardware offered at the most competitive prices on the market.

Founded in 2010, the company has grown rapidly over the last nine years and now features a team of over 40 expert staff members. "It's been an excellent 12 months for us," explained Jonathan Clarey. "We're the best we've ever been and we've introduced lots of new products, updates and improvements to our ranges and our sales are well up on forecast."

"I think one of our key advantages is our excellent customer service. We work with our customers and we are highly responsive. We're a friendly team centred on good service, and this is what customers keep coming back for time and time again."

One of the company's notable new ranges is the Flexfire intumescent ironmongery protection products, which add an extra level of protection in the event of a fire. These are ultra-thin and flexible high performance intumescent sheets which feature high levels of expansion and insulation, preventing heat transfer on ironmongery rebated into timber doors. These sheets are safe to handle, with no fibres or irritants, and are only 0.8-2mm thick, ensuring minimal rebating is required. What's more, Flexfire products are flexible and clean to work with, with the ability to bend without cracking. They are also easy to cut into shape with household scissors and can be provided with or without adhesive backing. Finally, Flexfire intumescent sheets are unaffected by moisture, humidity, atmospheric pollution, and other common industrial and household chemical substances.

As well as this, Zoo Hardware will soon be releasing a new range of designer level door hardware, Vier Premium. "This is due to launch in January, and is the reason we attended the 100% Design show in September earlier this year. It's a great range of stainless steel door hardware and we received a lot of interest from design trade customers at the event." Vier Premium is the latest range from Vier Precision Design, which uses premium materials to create high quality products which look and feel like no other. This new designer range will be perfect for those who wish

vier premium

Vier Premium is the all new designer lever and accessories range from Zoo Hardware Ltd.

Made from Grade 304 stainless steel, the Vier Premium range combines high-quality manufacturing techniques with a series of luxuriously designed levers on an all new slim-line magnetic sprung rose for a sleek aesthetic appeal.

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For further information on this range visit our website or call one of our friendly sales team

Call: 01228 672900
 Email: sales@zoo-hardware.co.uk
 Visit: www.vierdesign.co.uk

Vier Premium is part of Zoo Hardware Ltd. ZOO

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George Barnsdale to supply windows for former Dickensian Workhouse

George Barnsdale is delighted to announce it has been chosen to manufacture and install the timber windows for a renowned Grade II listed former workhouse building in Fitzrovia, London. Part of the Bedford Passage Development, the project is being undertaken by University College London Hospitals Charity to provide mixed residential and commercial accommodation. The Strand Union Workhouse is said to have been used by Charles Dickens as inspiration for his 1837 novel *Oliver Twist* and was listed Grade II in 2011. A total of 119 timber box sliding sash single and double glazed windows will be designed

and manufactured by George Barnsdale in the company's Lincolnshire factory alongside some timber flush casement windows and doorsets. The company's installation team will fit them this autumn/winter. Commenting on the project, Steve Dixon, Sales Director said "We are delighted to have the opportunity to work on this exciting development. We have delivered timber windows and doors on numerous projects throughout London but this has very special provenance with its links to Dickens and Florence Nightingale. We really do pride ourselves on the part we play in bringing these historical buildings back to life with

our bespoke products."

George Barnsdale's experience with such commercial projects is extensive and a vast amount of thermal and acoustic data is held by the company from the research it has conducted on behalf of clients. As a result, the team is able to offer the optimum solution in terms of performance whilst retaining the original aesthetic of the building.

T 01775 823000
enquiries@georgebarnsdale.co.uk

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Demista has been proven and accepted nationally and internationally and through its unique reputation and unblemished track record has been the number one choice for specifiers of mirror defoggers for over 26 years. Demista has been fitted in hotel developments globally and has become the industry standard. With over 400 sizes now available, demista can cover virtually any mirror in 230V, 120V, 24V, 12V, demista can also make bespoke sizes if required.

You will find demista installed in the domestic bathroom / en-suite's, along with some of the most prestigious properties and hotels around the world, which include The Burj Al Arab, The Royal Atlantis, Fairmont in Dubai as well as the Hilton Group, Marriott's, Crown Plaza's, Holiday inns, The Intercontinental O2 and the prestigious developments along the River Thames in London.

For further details please visit www.demista.co.uk or email sales@demista.co.uk or call +44(0)1932 866600



Why do we need MVHR?

MVHR & Indoor Air Quality

Modern energy efficient houses are being built with ever increasing levels of airtightness (with a Passivhaus being an extreme example). This minimises the amount of energy lost through a leaky structure but without ventilation it would mean that the accumulation of humidity, VOCs and smells would make a house unliveable. Traditionally ventilation is provided by trickle vents and single hole-in-the-wall fans but this leads to heat loss as it is uncontrolled, unreliable and inefficient.

Mechanical Ventilation with Heat Recovery (MVHR) provides a continuous supply of fresh warmed air by extracting the warm, damp, smelly air from wet rooms and kitchen. This air is passed through a heat exchanger and exhausted to the exterior. Simultaneously, fresh air is drawn in from outside and passed through the heat exchanger in the opposite direction where it is warmed by the extract air going out.

The argument for MVHR is an economic one as it can provide fresh air with minimal heat loss, thus making a well insulated, airtight house habitable. However it is becoming increasingly apparent that there is equally important case for maintaining **Indoor Air Quality** (IAQ).

The removal of stale damp air means condensation and mould are eliminated and the house is so much cleaner as all incoming air is filtered. We receive regular comments from occupants of houses with MVHR saying what huge difference it makes to IAQ and that it alleviates symptoms of asthma and eczema. Once you have lived in house with MVHR, you wouldn't want to live in one without it.

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Our portfolio includes a diverse range of completed projects within different sectors of the catering industry from events catering, public houses and eateries, specialist restaurants, hotels, schools, cafés, retail restaurants, golf clubs such as Ryder Cup Clubhouses in both Celtic Manor and K Club resorts & Lahinch GC, Whatley Manor and staff feeding facilities for blue chip companies as well as many restaurants in and around London.

We have most recently carried out the design and specifications and Project works at The new grandstand at The Curragh racecourse, Kildare Ireland. The Fish Hotel, Broadway. The Eden Hotel Collection at many of their hotels including The Greenway Hotel, Bovey Castle, Mallory Court Hotel & The Arden Hotel etc. Pennyhill Park for Exclusive Hotels, Restaurant James Sommerin to name but a few.

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Dallmer unveils new individual shower channels

In response to the growing demand for level-access showers, Dallmer has added two new flush-in-floor shower channels to its DallFlex system, bringing the number of Dallmer shower channels that can be combined with a single drain body to an impressive nine!

CeraFloor Individual is the elegant shower channel for flush-in-floor installation that boasts outstanding design and leading-edge technology. The shower channel comes in a length of 1500 mm and can be shortened to suit the specific shower area. Used in combination with the DallFlex drain body, the system complies with DIN 18534 and, thanks to the removable trap insert, is very easy to clean.

CeraFrame Individual is a compact, short shower channel for flush-in-floor installation. The only thing you can see is a discreet 300 x 50 mm rectangle. The short shower channel is the perfect frame for a minimalist cover plate. The covers of both shower channels can be individually tiled enabling them to blend harmoniously with the bathroom landscape. As well as the tileable version, these new products are also available in stainless steel and with a matt PVD coating in the colours anthracite, rose gold and brass.

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ARTIZAN INTRODUCES NEW KALFIRE GAS FIREPLACES

Kalfire prestige gas fires have a burner system that shows the flames emerging from the logs, just like a real wood fire. Being balanced flue, they do not impact the property's energy performance and have incredible efficiency (between 88% to 92%). With a glowing fire bed and natural spark generator Kalfire leads the way in realistic gas fires. These new models have already been given the Iconic Award for innovative interiors.



Double sided fires, also known as the see-through or tunnel fireplaces, can be integrated into any interior. The latest series of double sided fireplace designs are the GP110/59T and GP110/79T.



Kalfire has also designed a new series of room dividers. The latest GP115/75R and GP115/55R creations mean that you can enjoy the flame effect from several angles in the room.

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heat incentive payments (RHI). With an average 3-bed family home in the UK needing around 15,00kWh of heating per year, which would **pay £7000 under the scheme**, you can quickly see how the RHI payments can really make a difference.

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www.artizanlifestyle.com

Emporio Bagno by NoCode

UK based NoCode curates tap and showering solutions, chosen for their beautiful design and superior quality and these are showcased in the Emporio Bagno collection. All brassware products are designed and made in Italy and undergo rigorous testing to ensure consistent high quality and enduring performance. Emporio Bagno offers a wide selection of designs, colour finishes and installations. EcoAir options are available for shower installations where water conservation is a key issue.

The Versobox shower valve is available in on trend colour finishes, with a plating service offered for more customised looks. Different handle options also add to the versatility in terms of design. Shower valves are on an ultra

slim 70mm back plate and the new Versobox Plus is even more minimalist with valves on individual trims for a stunning look. The install box ensures a watertight installation for optimal product performance and tanking is also provided for additional waterproofing.

The clear plastic front cover protects the valve during any plastering or wall finishing and acts as a tiling guide for an accurate finish. With an impressive shallow depth of between 70–90mm, Versobox can be used in any type of wall.

The performance element is impressive with a 2 outlet shower valve delivering 39.6 lt/min at 3 bar water pressure. Shower valves will perform

at a low minimum pressure of 0.2 bar with high flow rates for an invigorating water experience. Shower mixers are available with 1, 2, 3 or 4 exits for basic to more complex showering arrangements.

Showering options range from basic shower heads to luxurious ceiling mounted chromotherapy heads with rain, mist and cascade settings. Most of the shower heads in the Emporio Bagno collection are designed to work at a minimum of only 0.5 bar water pressure.

Hand showers and shower kits can be colour matched with Emporio Bagno tap finishes and some shower heads have matching handsets in

the same unique design – this allows for a truly coordinated bathroom look.

The tap ranges have flexibility in design and installation options, covering contemporary and modern traditional styling. As with Versobox shower valves, taps are available in popular finishes including Brushed Gold and Matt Black. Two new tap ranges have been launched for 2019 - Senso and Entro!

To preview the new tap ranges and some of the key Emporio Bagno products, visit Stand J20 at the Sleep & Eat 2019 exhibition on 19th and 20th November at Olympia.

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Polyflor adds EnCore Rigid Loc to the Expona family of premium vinyl floorcovering



Polyflor, the UK's commercial and residential vinyl flooring specialist is pleased to announce the launch of a brand new product format, the Expona EnCore Rigid Loc collection. This exciting new hybrid product has an expertly engineered premium rigid SPC (Stone Polymer Composite) construction with exceptional stability making it ideal for installation over existing subfloors. Expona EnCore's technically sophisticated specification combines:

- 1) A premium rigid SPC core
- 2) 0.55mm heavy commercial wear layer
- 3) High clarity decoration layer
- 4) 1mm IXPE acoustic backing layer
- 5) 5G-i locking technology

Whether designing a large scale commercial installation or a warm and inviting home interior scheme, aesthetics are just as important as practicality, especially when considering a floor covering. Expona EnCore Rigid Loc offers a flooring solution that caters for both commercial and residential interiors. The rigid construction gives the floor exceptional stability and its acoustic foam layer reduces impact sound by 19dB, exceeding UK building regulations whilst also providing comfort and warmth underfoot. The use of 5Gi click-locking technology provides superior performance in a quick to install floor covering and the loose lay format means no adhesive is required, reducing installation time and cost.

The collection features 12 faithfully replicated wood designs that have been expertly selected bringing together the natural beauty of timber and its authentic surface textures. The Expona EnCore Rigid Loc collection encompasses a wide spectrum of wood species to suit any commercial or residential interior with each design featuring fine grain and knot detailing and micro bevelled edges for a timeless appearance typical of real wooden floorcoverings.

Polyflor's unique polyurethane reinforcement creates a scratch and stain resistant finish that makes it ideal for modern households with families and pets, as well as heavy commercial interiors with high foot traffic. Expona EnCore Rigid Loc is also 100% waterproof and an ideal alternative to hardwood flooring, offering all the beauty of real wood with the resilience of vinyl.

Expona EnCore is beautifully presented within a sampling package which includes a brochure and a comprehensive presenter. Sampling can be ordered free of charge on the Polyflor website or by calling the Polyflor Samples Direct Hotline on +44 (0)161 767 2551. Expona EnCore's environmental credentials are impressive, achieving a generic BRE A+ rating in major use areas and Indoor Air Comfort Gold, assuring that VOC emissions are below any globally determined levels. It is also 100% recyclable via the Recofloor recycling scheme and contains an average of 15% recycled content.

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More recently, Screwshop has evolved from its established sister company, NE Fasteners and has also proven a huge success with its online shop.

Situated in a 7,000sqft warehouse in Cradley Heath in the West Midlands, we are able to provide a wide range of finishes, including

zinc, electro brass, black chrome, satin chrome, bronze and nickel, and packaging options, ensuring that many buyers consider us to be a key and valued supplier.

With friendly and experienced staff, our aim is to offer excellent service with our next day delivery service and give an opportunity for our customers to let us manage all fixings, fasteners and component requirements competitively.

Screwshop has a trade counter which is open daily 8am-4.30pm. Have a look at our online shop www.screwshop.co.uk, or give us a call on 0121 559 8866 with your enquiries and we will give you our best attention and prices at all times.



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Claude Cléméron Bespoke Wood Interiors specialise in manufacturing and supplying high-quality bespoke furniture. Since 1982, their highly skilled craftsmen have been creating tailor-made furniture which is strong, durable and beautiful. Each and every piece of furniture is made with the finest materials and with close attention to detail.

The contemporary cabinetry project shown was designed and created by Claude Cléméron Bespoke Wood Interiors. The dual purpose room, which is mainly used for relaxing and television viewing, features integrated and fully concealed wardrobes for the occasional overnight guests. Custom-made internal drawers have been created from cedar wood veneer. The wood is left unsealed so that the cedar can breathe and keep the moths away. They have been finished with handcrafted, shaped, drawer handle cutouts.

Company founder Claude Cléméron commented: "We are proud of our ability to accommodate almost any design and unique specifications as we can draw on our vast carpentry and furniture making experience to advise you on the finer points. This eliminates any worry about measurements and specifications when it comes to fitting, our skill and precision are very thorough and we regularly inspect each piece of furniture to ensure a high standard is met."

At Claude Cléméron they are also very aware of reducing their environmental impact in any way that they can. Claude continued "Our wood shavings provide bedding for local stables and the larger off cuts are used to provide heating for our modern workshops. This makes a huge saving on our electricity consumption. To conclude, we design and create sustainable furniture as much as we can whenever possible."

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XL Joinery's New Doorsets Range

XL Joinery, the market-leading suppliers of doors and associated joinery products, has recently launched its expanded range of in-house manufactured doorsets in order to meet customer demand after significant investment in its state of the art premises.

Timber doorsets are no longer just being used in commercial projects and are

becoming increasingly popular in residential settings. The new range boasts quality controlled and engineered doors and frames all of which arrive accurately sized and morticed for hardware, which helps save time on delivery and installation.

Time is of the essence

Whether you are working on a new build or

refurbishing an existing property, reducing time on the project is always a positive for everybody involved, starting from the supplier providing the product, right down to the customer's end experience. Opting for a manufacturer that offers one source of supply for a compatible door, frame, hardware, seals and glass means the length of time spent purchasing and



installing the door should not be an issue.

Personal preference, whatever your style

It's of no surprise that when it comes to interior design, there are many varying opinions regarding styles and aesthetics, which is why we designed our doorsets to ensure that they are available across all internal doors within our range.

Safety first

Doorsets also offer a range of safer options, meaning that there is less risk of accidents to site installers. The frames, when supplied, are knocked down and have machined joints, enabling ease of fit and simple assembly, resulting in less risks during the installing process.

Cost effective

Installing doorsets also saves a substantial amount of money, making it a more cost-effective alternative. Sourcing separate, multiple materials, such as the door, lining, hardware and paint adds unnecessary costs, time and effort. However, a doorset provides all of these at one simple price point, taking out additional work and costs.

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ModPods



The coming together of two well established entrepreneurs has led to the creation of ModPods International. A forward thinking company that with a vast knowledge and decades of working in the social housing sector have gone that extra mile to develop a solution to the UK's housing crisis. Peter Farrelly CEO and Andy Cornaby Managing Director of ModPods International have worked together to create a range of architype independent homes that all exceed NDSS minimum living space standards. "The UK is waking up to the new innovative methods of construction and modular housing is gaining rapid momentum" says Andy Cornaby. Working in partnership with BMHT (Birmingham Municipal Housing Trust) Birmingham City Councils vehicle for managing its housing strategy, Modpods International have developed a state of the art



desirable housing pod, with a spacious lounge, kitchen and two bedrooms a master bedroom and twin room. ModPods are unique in that the housing pods are fully off site factory built and delivered to a pre-prepared site, lowered in to place and connected to the live services allowing the new occupant to move in within the same day. Fully building control compliant, exceeding current thermal quality standards each pod is fitted out with quality in mind offering a safe, secure and comfortable environment, that are both affordable and a rapid solution to the housing needs of the public and private sector. Since lowering the first pod for BMHT on June 10th 2019 ModPods have grown from strength to strength and are set to move into their new manufacturing hub that will increase manufacturing productivity and volume to compete with demand.

T 02476 717999
www.modpodsinternational.com



Hadspen Quarry Ltd

Hadspen Quarry Ltd is a supplier of British Blue Lias Limestone used traditionally for walling, Hadspen Quarry has now launched a range of Blue Lias flooring, worktops, wall tiles, cobbles and much more. Excavated directly from one of their two quarries in Somerset, Hadspen Quarry is a family run business with a keen eye for attention to detail ensuring you get the quality needed for your project.

The versatile and luxurious qualities of British limestone means it can be combined with an array of other materials throughout any project to create spaces that are unique, organic and well designed.

Natural stone can be used as a finish not only on the exterior as a walling or cladding stone but also lends itself incredibly well to interiors. It never goes out of style and the recent boom in the return to the use of natural British stone is the proof in the pudding. Hadspen Quarry's range of Blue Lias Flooring, Wall Tiles, Flagstones, Walling

Stone and Cobbles have been used extensively at the prestigious new development The Newt In Somerset, as well as other projects both big and small. They supply and deliver custom-made Blue Lias flooring for customers across the UK.

For a rustic cottage look the leathered blue lias is a good match for time worn flagstones, while the flamed & brushed finish is a new flagstone look.

For a modern aesthetic the two honed options, either our marble bed or fossil bed of Blue Lias provides a contemporary finish while retaining the classic timeless look of a British Limestone floor.

If you need expert advice to help choose the perfect stone for your project, don't hesitate to get in touch with the team on 01963 351205 or email info@hadspenquarry.co.uk



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WJ Timber Treatments launches new 100% non-toxic fire retardant

BURNBLOCK is a non-toxic and highly effective fire-retardant formula. A water-based treatment that is composed of 100% natural ingredients, BURNBLOCK is fully biodegradable – a UK first in treating sawn timbers.

Tested and certified to the highest European fire ratings by the most recognised institutes in Europe, BURNBLOCK is one of the most innovative and environmentally friendly fire-retardant businesses in the world. Institutions that have certified the treatment include RISE (SP-Fire) in Sweden, MPA in Germany and BRE in Great Britain.

Exclusively available in the UK at WJ Timber Treatments, BURNBLOCK treated timber effectively extends the length of time between initial ignition and the point where a fire

is out of control, providing more time for people to escape in the event of a fire. It also limits costs in terms of damage caused.

It works by effectively preventing oxygen – one of the three elements required for ignition and fire continuance, from reaching the treated object. Without oxygen in the chain reaction, the risk of ignition is greatly reduced and the speed at which any flame spreads is vastly decreased.

BURNBLOCK has also been tested in order to prove and substantiate its environmental credentials. The solution holds a neutral ph. value of 7.2 and none of its elements contain toxic substances. As a result, nothing found in the BURNBLOCK solution is included on the list of Substances of

Very High Concern (SVHC).

Applied in a specialist facility using the latest high-pressure treatment technology, BURNBLOCK is applied via an impregnation process, through the use of an autoclave. The treatment is clear and invisible, leaving no staining or grease on the material as a result.

All substantiating documentation is provided with each treatment in order to provide customers with the assurances in relation to both quality and compliance.

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info@wj-group.co.uk
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Achimota Forest Reserve, West Legon Accra
 P.O Box MB 434, Accra Ghana
info.hq.london@ghanafc.com

New higher specification for deck substructures

Pressure treated softwood is commonly used to build decking substructures to support timber and composite deck boards. Preservative treatment provides wood with added durability and BS 8417 – the British Standard for wood preservation - requires that the loading and penetration of preservative impregnated into the wood, is tailored according to where the timber will be used and a 5-group Use Class system exists.

The specification requirements for pressure treated softwood deck substructures are set to increase in BS8417 when it is next revised later this year with the Timber Decking and Cladding Association and leading decking suppliers incorporating the changes now. This means that all softwood components such as joists, beams and noggins will have to be treated to the same level as components destined for permanent contact with the ground i.e. posts, referred to as Use Class 4.

The new higher specification will represent best practice and ensure substructures are more robust and perform better. This is particularly important as once a deck is completed the substructure is often not visible with the consequences of bad practice not evident until it's too late. One clear piece of advice from the TDCA to purchasers is to ask your supplier to verify that the timber meets a Use Class 4 specification – on the delivery note or with a treatment certificate.

Janet Sycamore
 Timber Decking and Cladding Association
janet@tdca.org.uk / 01977 558147



MVHR is simple with Posi-Joist

The specification of MVHR systems is becoming increasingly common as the buildings become ever more airtight. MiTek's Posi-Joist floor and rafter system provides the ideal solution to the issue of routing the large ducting and service runs associated with these systems through the floor zone.

Posi-Joists are made up of parallel timber flanges plated together with Posi-Stud steel webs, to form a lightweight yet super strong joist capable of spanning further than other timber products.

The metal web construction creates a large service void for ducting and other services to easily run through, with no need for cutting or drilling of joists. There is no need for suspended ceilings as the services are hidden in the floor zone, maximising building space and adding value.

Posi-Joist is manufactured offsite in factory controlled conditions by licensed MiTek fabricators all over the country, so you are never far from a quality supplier.

To find out more and to find a manufacturer visit www.mitek.co.uk/products/posi-joist or get in touch at info@mitek.co.uk



Rapierstar: Giving you the edge



timber screws, STARDECK specially developed exterior decking screws and STARPIN and STARNAIL stainless steel polymer headed pins and nails. Currently, Rapierstar is developing its 100,000 ft² warehouse in Cheshire further in order to incorporate a teaching and seminar centre, proof of its dedication to adding true value to the industry. Indeed, since its inception, the company has strived to establish and maintain a position of leadership in the supply of fixings and building products throughout the UK and Ireland, a feat which Rapierstar is in no doubt achieving, and will

continue to achieve in the coming years.

If you would like to find out more information on the company's full range of products and services, head to the website or get in touch using the contact details below.

Contact
T +44 (0)1260 223311
info@rapierstar.com
www.rapierstar.com



Building and Construction Review is proud to announce that Rapierstar has received our **BCR Recommends Award**, for its outstanding range of market leading fasteners and fixings.

Established in 1992 by David Furness, Rapierstar is based in Macclesfield, Cheshire, supplying specialist screws and fixings to the UK and Ireland fenestration industry. This covers around 70% of window and door manufacturing, installation and refurbishment, with clients ranging from small independent companies to large multinational distributors and manufacturers. Committed to maintaining only the highest standards, Rapierstar specifies and sources from well-respected ISO accredited manufacturers, in order to distribute high quality and competitively priced products.

"Rapierstar is the only specialist fastener supplier in the UK window and door industry, with over one billion items held in stock in our 100,000 ft² warehouse," explained David Furness, Managing Director. "This keeps window and door suppliers on stream with the fasteners they need across their different products types, with coated carbon steel, martensitic stainless steel and the high performing austenitic stainless steel fasteners all available to meet every application."



"Products are designed and manufactured to exacting quality standards. In addition to manufacturers' commitment to excellence, Rapierstar also invests in a comprehensive in-house UK test centre with specialist fixings available next day for customers."

Without a doubt, Rapierstar is synonymous with experience and quality, offering outstanding services underpinned by an industry-leading technical support team which boasts a collective experience in the fastener market of over 150 years.

Some of Rapierstar's specialist branded fixings include STARPVCU high corrosion resistant carbon and stainless steel window screws, which are specified on numerous leading fenestration systems, and STARALU self-tapping stainless steel fixings for aluminium systems. The company's high quality product range also features STARFIX plug-free masonry fixings, STARTURN universal



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We pride ourselves on being construction born and raised, starting off with entry positions on site to fulfilling strategic roles, we are excellent at engaging all levels of workforce, making our consultation and training services both effective and engaging from having a deep

understanding of the industry.

We are a team of dedicated and passionate professionals committed to working with you to fully meet any of your compliance requirements. We are committed to 100% customer satisfaction with solutions that are a true benefit to your organisation, working synergistically with your processes to achieve excellence.

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With over 50 years' experience in the security industry, Abel has grown to become one of the UK's largest privately-owned providers of electronic security systems. We are the only independent business to offer a comprehensive nationwide service through our network of local branches.

Since 1965 thousands of homeowners and businesses, many of them leading national companies, have put their trust in Abel to meet their security requirements.

Protecting families and businesses for generations Abel Alarm is a leading provider of electronic security systems for homes and business premises.

From intruder and fire alarms, to access control and CCTV systems and the very latest premium home automation products, thousands of people have trusted Abel to protect their families, businesses and their assets.

We've been building valuable, long-term relationships with our clients since 1965. Our first-class team are passionate about security. We're still here today because of our commitment to innovation and our dedication to the very best customer service.

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Zoo Architectural Hardware



Zoo Hardware Ltd are designers and suppliers of architectural door hardware including door handles, knobs, locks, cylinders, door closers, hinges and more. All of their products are produced to the highest quality in aluminium, brass, steel and zinc.

Every item they produce is selected for its quality and value for money and they never compromise quality for cheaper prices. Zoo Hardware are confident in their belief that they can offer some of the highest quality products at the most competitive prices on the market.

Their in-house design team is fully qualified in all aspects of design and production and they constantly aim to supply innovative, stylish and cost-effective hardware solutions settling for nothing less than top quality. Design facilities at their head office means they can create, manufacture and deliver state-of-the-art products to stay in-tune with current design trends and ahead of the competition.

The Zoo Hardware product ranges cover all aspects of architectural ironmongery, including: **Vier** – a precision design range of levers, hinges, door closers, DIN locks and cylinders created for the exacting needs of Architects, Specifiers and Contractors; **Fulton & Bray** – traditional and classic brass door hardware and accessories ideal for period and contemporary properties; **Rosso Maniglie** – an Italian inspired zinc designer lever and accessories range perfect for home owners and housebuilders; and **Foxcote Foundries** – a wide range of traditional black antique door furniture and window fittings.

View their full range of products at: www.zoohardware.co.uk or call one of their friendly sales team on: +44 (0)1228 672900 to discuss your requirements or to request a catalogue.



Long gone are the days when lower floor living meant a dark, damp cellar with no headroom, Glatthaar Fertiggeller a German company founded in 1980 are on hand to deliver modern dry and comfortable basements. Our company has created concepts that provide their customers with warm, bright and spacious living areas.

Building a house is a long term project and probably the single biggest investment that you will ever make, and if you are planning to put a basement below your new home then the right choice of who delivers your basement is vital. Quality and competence, rather than price should be your primary consideration, poor quality products and/or installations are not easily remedied and can prove expensive and a nerve racking experience.

Glatthaar-Fertiggeller specialises in all aspects of basement construction including design, calculations, off-site manufacturing, on-site building and many other additional services. Glatthaar is the only company in England that delivers a basement system and not just components for basement construction.

This is the reason why Glatthaar is the only basement company in GB that can offer an Insurance Backed Warranty against Water Ingress for our basements.

Each of our projects are Fixed Price Projects, we build, on average 5000 basements across Europe each year.

T 01932 344454
info@glatthaar.co.uk
www.glatthaar.co.uk / www.glatthaar.com



Mechanical Ventilation with Heat Recovery (MVHR) meets the most demanding requirement for ventilation, referred to as System 4 in Part F of the Building Regulations and is used widely as the ventilation strategy in PassivHaus (Ultra low carbon airtight dwellings).

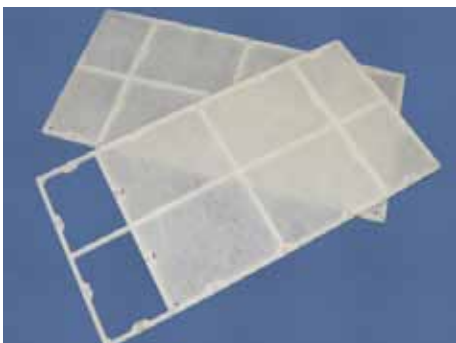
MVHR systems provides fresh filtered air to be continuously delivered to every habitable area, whilst simultaneously extracting warm, stale polluted air where required; the incoming air is warmed by the heat contained in the outgoing stale air- this is the heat recovery process and heat energy costs will be reduced as a result.

Built Environment Technology Ltd understands that the ventilation strategy and superior indoor air quality is one of the critical components when designing your new home to ensure optimal comfort levels are maintained.

As independent specialists in MVHR Systems they tailor their service to your specific project requirements with importance put on the design stage and ensuring the system is incorporated into the structure of your home effortlessly.

MVHR has many proven benefits including minimal heat loss, no condensation or black mould, reduction in airborne pollutants and dust which also help alleviate health conditions such as Asthma and Hayfever.

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FloorStak: A unique levelling product for temporary flooring

FloorStak is the brand name for a range of products aimed originally at the temporary structures market, though the innovative concepts involved have helped the company to find interesting applications in more conventional building projects.

The range includes support and levelling systems for structures and floors, adjustable balustrading, modular steps and height variable access ramps. The design concept for all products stresses safety and reliability combined with ease of installation – critical factors in the 'Event

Industry' applications where FloorStak products are extensively used.

These attributes have also helped FloorStak to find favour in other, less obvious settings. A recent project involved the provision of an elevated structural base for the Rugby Clubhouse at Chartres in France, which is situated on the flood plain of the Eure River. The proximity to archaeological excavations of the former Roman settlement meant that conventional groundwork footings were not permitted. Other venues such as Liverpool FC (Anfield) and Chelsea FC have

benefitted from FloorStak in de-mountable platforms for disabled spectators, and further afield, supporting the elevated walkway for an Olympic size swimming pool in Taiwan.

The team at FloorStak are confident that their patented and 'TUV certified' products will find many more interesting applications.

Contact
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The future of underfloor heating



THE FUTURE OF UFH IS HERE...

As history demonstrates, if a company is to become an industry leader, a focus on innovation and disruption needs to be at the centre of their business model.

"Innovation distinguishes between a leader and a follower." Steve Jobs

For CircoFloPro, the concept of innovation has become the heart of their company. Using three primary elements of calculability, efficiency and predictability, CircoFloPro guarantees that they continue to develop their product/service towards ease of installation, product excellence and meeting the needs of the end user.

Efficiency

From the point of purchase, CircoFloPro is different. Their specially designed quick quote app means it's as easy as measuring the room and inputting the details to get a price. Eliminating the need to negotiate for a price or waiting 2 to 3 days before receiving a quote.

With patented lay fast technology, CircoFloPro is easy and quick to install. Unlike other emitters that have been known to warp during the installation of pipe, CircoFloPro is sturdy enough to be trodden on.

Predictability

Other brands offer a varied range of pipe sizes with differing centres to their emitters, increasing the chance of faulty installation.

With a focus on a simple answer to UFH, CircoFloPro has completely standardised their product range. All emitters use the same 12mm pipe with 133mm centres, providing a consistent heat output across all products. No guessing if the product will work, because it just does. Removing risk and futureproofing any installation.

Calculability

What's even better, is their pricing is commonly equal to or cheaper than its counterparts from other brands. Customer don't just save time by receiving a quote quickly, they save money!!

www.circoflopro.co.uk

Leading services in the water industry



H.D. Services Ltd was first established in 1984 by current company Director, Frank Harris. Based in Buckinghamshire, the company operate throughout the South East and specialise in the design, supply, installation and maintenance of sewage treatment systems, open-loop ground source heat pump systems, water supply boreholes, soakaways and drainage – all the utilities a self-builder may require.

Customer service is at the forefront of the company which is why they provide on-hand advice and support on dealing with the Environment Agency, applying for the domestic Renewable Heat Incentive, and in regards to the several different services they provide. H.D Services have been recognised for their exceptional products and services, receiving regional awards at the South East Green Deal and ECO Awards 2015, the Energy Efficiency and Retrofit Awards in 2016, the Energy Efficiency and Health Homes Awards 2017 and the Energy Efficiency Awards 2018.

Having won awards for their renewable heat installations, we asked Rebecca Taylor (Business Development Manager) what the benefits were. "We strongly believe that the open-loop ground source heat pump systems we design and install are not only the most efficient way to heat your home in our operational area, but also do less damage to the aquifers than drilling for closed-loop borehole systems, as predominantly these use the rotary drilling method. We aim to provide the highest quality open-loop ground source heat pump service available in South East England."

T +44 (0)1494 792000
enquiries@thehdgroup.co.uk
www.hdservicesltd.co.uk



Retrofitting roofs with Solar PV

When maintaining or upgrading buildings, clients are constantly looking to make the smartest investment and improve energy efficiency. By retrofitting photovoltaic (PV) panels onto a roof it can not only produce cheap, clean electricity for the building's use, but also help landlords and building owners reduce their carbon emissions and hit the standards and regulations for energy efficiency in buildings such as MEES (minimum energy efficiency standards) that came in to play for landlords this April.

The roof survey stage of a refurbishment project is the ideal occasion for surveyors to propose an on-site rooftop solar PV solution to a client as it creates a great opportunity to review and discuss the suitability of a solar PV installation.

Arguably the most fundamental considerations when

contemplating a PV retrofit to a flat roof are weight loadings and design calculations; however, another significant factor is ensuring that waterproofing membranes are in a suitable condition, that waterproofing warranties will not be impacted, and the life expectancy of the waterproofing system matches that of the new technology.

Discounting this consideration could potentially result in the array needing to be removed early in order to reinstate the integrity of the roof. Thus, the ideal time to add photovoltaics is to do it simultaneously when refurbishing the waterproofing system.

For more information on how Bauder can support your rooftop renewable energy proposal to a client, call +44 (0)845 271 8800.



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With 4 main sizes of bbq cabin, there is one for every size of garden. With our garden rooms, these start at 8m sq, and go up to 30m sq (can be bigger too if needed!) There are 3 options for self catering cabins, giving you many ways to give yourself a USP, and we are also able to offer our cabins as classrooms and outdoor learning areas as well. What could be a more exciting environment for children (and adults) to learn in?

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A warm welcome awaits, giving you the chance to try the cabins on for size, and find the right one for you.

BalconyLife

The complete balcony package delivered to you

The recent project for The Mill - Loughborough, Balconylife were requested to provide all balconies for the project designed to meet the industrial look of the building. As this was an existing building the balconies had to be designed to affix on to old brick and supported to meet regulations which maintaining a sleek contemporary look.

The project was completed and the look of balconies certainly complements to look of the Old Mill.

Balconylife are balcony specialists and have been designing, manufacturing and supplying them to the construction industry for over 15 years from their workshop located on the Leicestershire and Nottinghamshire border.

Along with Balconies, Balconylife are able to offer other products within their range with Staircases, Canopies, Balustrade systems and Handrailing systems for Domestic, Commercial and Retail customers.

Balcony packages

Balconylife have many options available for balconies including cantilever, supported on legs, Juliet balconies and bespoke balconies to suit all needs.

We offer complete design, calculations for building regs and installation throughout the UK.

Our balconies are provided with a full ten year warranty against deterioration and we are able to

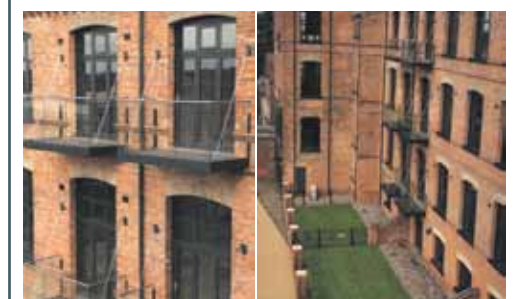
Options Available:

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Contact us for more information: 01509 844233 or enquiries@balconylife.co



BalconyLife

Balconies - Balustrades - Staircases - Glass Canopies

Balconylife are balcony specialists and we offer complete balcony packages in a range of balcony styles and sizes for housebuilders, developers and self-builders to select from. The balcony packages include everything needed for installation including cantilever balcony supports and thermal breaks.

Our range of balconies are available with options below

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Other Products available :

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- Thermal Breaks
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Bring the outdoors in



Visit us at: www.balconylife.co
Contact us at: 01509 844233

Charred Timber: traditional inspiration for contemporary architectural design

The ancient Japanese art of charring timber is inspiring contemporary architecture and design. The controlled process was traditionally used to give an aged effect to new timbers. It strengthens the contrast between the grain, increases resilience and adds to the innate character of the wood.



With knowledge of timber and charring techniques, our team create an extensive range of finishes to suit every project. To give a taste of what is possible, the texture of Douglas Fir allows for the timber to be saturated with colour; we offer an exact match with any RAL colour. A contrasting Larch grain can be enhanced with charring for striking effects, whilst our Accoya® range delivers a subtle finish.

Charred Timber Specialists

Exterior Solutions Ltd are charred timber specialists. In 2005, we developed the Shou Sugi Ban® charred timber range; inspired by tradition and developed for modern tastes. Our professional team handcraft each plank of wood to create bespoke charred finishes on a range of timbers. The manufacturing process is carried out in-house, with precision and care.

Shou Sugi Ban® is suitable for interior design features, as well as exterior cladding and hard landscaping. It provides an eye-catching finish to public, commercial and residential architecture, as well as being a striking interior feature in boutique hotels, restaurants and retail units. This is a low maintenance building material that is designed to impress.

Exterior Solutions Ltd can supply projects from a few squared meters through to large developments. We supply to international, as well as UK-based projects. With every plank processed on-site, we maintain stringent quality controls and take considerable pride in our craftsmanship.

Please contact us on 01494 711800 to request a Shou Sugi Ban® brochure and charred timber samples.

www.greendownshepherdhuts.co.uk



Greendown Shepherd Huts Ltd was set up by Harry Long and Richard Hodges in 2017 and initially located themselves in a workshop on a farm in Salford. Harry is the craftsman who has made it all possible whose skills compliment those of Richard who manages all other aspects of the business with his finance skills. After 18 months on the farm, Greendown have moved to bigger premises in Keynsham where production has been ramped up to meet the increasing demand.

In the beginning quality was the key word, and that is our mantra. Our huts have evolved to some of the best quality on the market, and increasingly Greendown have specialised in producing huts for the hospitality market with it's Bed and Breakfast Hut.

With a lifespan of 20-40 year plus, this can be earning you money for years. We have found that there is a niche market emerging with people looking for other ways to earn income. If you have a small piece of land this could be the perfect solution, and being mobile, some planning rules can be avoided, although we always advise speak to an expert about planning. With this hut, your guests can eat, sleep and wash with full bathroom facilities. Standard model come fully furnished with blinds, oak steps, log burner, underfloor heating (suitable for all year round use) and within hours of delivery can be earning you money.

T 0117 986 9685
www.greendownshepherdhuts.co.uk



Low Road Nursery, a family run business established in 1988

Originally started out as just a bedding plant nursery, but quickly evolved into a Hanging Basket Specialist nursery providing flora displays to the general public and private sectors equally.

We have won our customers and clients gold medals for "pub in bloom" and "town in bloom".

We expanded into landscaping using our knowledge of plants and our skills within construction to provide beautiful patios, lawns and structures.

As time progressed new materials came along and we added artificial turf and resin bound gravel to our product list.

Over the years our structures have ranged from huge covered outdoor dining rooms and grand entrance pergolas to quirky circular barrel dining pods that have evolved into our expansion into the design and construction of our unique Glamping pods.

As a company we pride ourselves in

being able to provide the complete package from initial vision all the way to completed job. We are able to turn an empty field into a landscaped glamping site complete with paths, roads, communal Mediterranean style meeting area, structurally planted borders, patios or decks, fences and even the glamping pod.

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ThinCats supports The Marine & Property Group Ltd with £10m+ funding to enable further expansion

The Marine & Property Group Ltd (The Marine Group), the largest marina business in Wales has secured a £10.4m funding package from ThinCats, the leading alternative finance lender to medium-sized businesses. Headquartered at Cardiff Marine Village, The Marine Group was established in 2007 and has grown to become the largest owner of marina berths in Wales located across four premium marinas: Cardiff, Burry Port, Port Dinorwic and Aberystwyth.

Led by founders Christopher Odling-Smee and Drew McDonald, The Marine Group's main services include marina berthing with more than 1,200 berths based along the Welsh coast, 70,000 square feet of commercial property, boatyard services, boat refit and repair, and mobile mechanical engineering. The funding from ThinCats will be employed to consolidate a number

of existing loans and to support further expansion including acquisitions and greater diversification into activities such as dredging. The transaction represents the largest funding by ThinCats so far to a business whose activities are solely based in Wales.

The transaction was led by Christopher Odling-Smee on behalf of The Marine Group and introduced to Business Development Director Kash Moghul of ThinCats by an Essex based adviser.

Christopher Odling-Smee, Executive Director of The Marine Group "We reached a stage in our development where we needed a clear funding strategy to support our longer-term growth ambitions. Up until now we had accumulated a range of tactical loans from a variety of lenders including the high street

banks. Having made contact with Kash and the ThinCats team, they recognised our potential and helped shape an approach that will allow us to expand our existing activities and diversify into newer areas such as increasing our dredging capacity."

Kash Moghul, Director Business Development, ThinCats "The Marine Group has a clearly defined growth strategy, high barriers to entry, diverse income streams and an excellent leadership team in Chris and Drew. ThinCats is keen to support regional entrepreneurs with strong links to their local communities, so this transaction ticks all our boxes."

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Certainly, Getting There Groundworks can tackle any project, whether this is pothole repairs or driveway construction, cycle paths or major road schemes, the company guarantees a professional job which is completed on time and on budget. No matter what the size of the project, Getting There Groundworks maintains a steadfast commitment to quality.

What's more, because it only uses its own crews, and operates all of its own plant and machinery, Getting There Groundworks has total control of budget, timeframe and quality, offering a complete array of services, from tarmac to asphalt concrete, as well as landscaping services.

The company also offers a vast range of contracting services, and has worked extensively on industrial and commercial ventures as well as for local councils and domestic customers. Using state-of-the-art techniques and designs, Getting There Groundworks never sub-contracts or brings in casual labour, refusing to compromise on safety or quality.

Furthermore, Getting There Groundworks has a robust health and safety policy, full insurance cover and an unshakeable commitment to the environment. Professional accreditations include ISO 9001 and ISO 45001, and the company is a proud member of the National Building Federation, as well as following CHAS and SSIP guidelines.

Combining a professional approach with a can-do attitude and friendly environment, Getting There Groundworks is your number one choice for anything from a driveway to a dual carriageway. Get in touch using the contact details below for a no obligation chat or head to the website for more information.

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T 01302 896420
info@gtggroundworks.co.uk
www.gtggroundworks.co.uk



Save money by leasing your interior requirements from AJ Products

No budget for a required expansion or upgrade? Does your budget fall short of your "ideal" solution? Would you like to complete a project now without waiting for the money to come in?

AJ Products now offers a leasing solution for all your workplace furniture and equipment requirements. From office furniture, breakout spaces and conference furniture to pallet racking and materials handling solutions, AJ Products has the solutions to help your business improve workplace productivity and employee wellbeing.

The company can lend to businesses of all types from established global brands to start ups and even sole traders with no upfront payment. Leasing is a solution that makes sense no matter your financial circumstances.

No Deposit Required: With no upfront payment required, you can move forward with projects more quickly without the need to wait for money to come in or dip into future budgets.

Affordable Monthly Payments: Spread your project cost across the chosen term as a fixed monthly payment with a fixed interest rate that won't change throughout the duration of the lease, allowing you to budget effectively from Day 1.

Flexible Lease Terms: Choose the term that best suits your business plan. AJ Products offers finance leases from 2 to 5 years so can arrange regular manageable payments over a time period of your choice.

Tax Advantages: All leasing payments made are tax deductible. Whether you are a global business, an educational establishment or a start-up company, this solution makes sense to your bottom line.

Improved Cash Flow: Keep your cash in your bank and avoid overdrafts and loans. This gives you opportunity to use your available cash to invest in other important areas of your business.

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Up-to-date Furniture and Equipment: Improve productivity and staff retention by having the best, most modern equipment for your business instead of settling for cheaper solutions that won't give you the same return and may not last you as long.

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2. Return the products
3. Upgrade to new products.

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DCON SAFETY CONSULTANTS

Established in September 2016, DCON Safety Consultants is a leading independently-owned Built Environmental Safety, Health & Wellbeing Consultancy based in Dublin city centre. Managing director Diarmuid Condon explains more.

The consultancy prioritises and specialises in the highest levels of informed and intelligent advice, senior project resource allocations and compliance assurance. It knows that every project with potential benefits also has potential risks with the art of planning centring on the coordination of these two zones of uncertainty. DCON's team of highly-experienced construction professionals consistently ensure your best interest and statutory conformity.

DCON is committed to understanding the specific needs, goals and desires of each individual client and project. Upon gaining this special understanding, it commits itself to the implementation of a design and construction management plan that will meet or exceed these requirements. Honesty, integrity, trust and professionalism are the cornerstone of every job.

The company's greatest resource is its exceptional team of technical construction and safety consultants who provide team-oriented services on an as needed basis. DCON's consultants and alliances with other key individuals and organisations allow it to support clients in all divisions of design and construction safety.

With DCON, the client is assured of top-level focus from its team of professionals. Bringing recent Lessons Learned from its projects, the company has delivered Pre-Planning & Post Planning Health & Safety and PSDP | CDM Consultancy services to multiple sectors, understanding and managing

key success factors and risks. DCON Safety Consultants is relentless in supporting safe outcomes and safe design quality to realise your vision. Our controls approach is rigorous, tackling the big issues head on.

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Optimise Your Marketing Potential



In this issue of Building and Construction Review, we are proud to announce that we have chosen to feature Opportunity Marketing for our BCR Recommends profile.

First established in 2008, Opportunity Marketing was designed to fill the gap in the market for strategic support for SMEs requiring marketing guidance. Opportunity Marketing delivers an array of marketing focused services, tried and tested and applicable to help virtually any business.

Working as a partnership, Opportunity Marketing listens and collaborates with its clients to understand their marketing concerns. Combining understanding of its client's business, with its extensive marketing knowledge, Opportunity Marketing helps businesses reach their next goal in turnover and profit.

"Clients know their business inside out and may just be unsure of how to navigate and maximise their marketing. We work with them to help them achieve their turnover and profit goals." Fiona Ellingham, Marketing Consultant.

Offering a personalised service, the team of Marketing Consultants at Opportunity Marketing work closely with their clients and provide a whole host of services to help them with marketing strategy, implementation and mentoring. "We collaborate with our clients and listen to their needs to help us to gain an understanding of their world." Fiona stated, "We then help them to develop and implement a marketing plan to help them go in the direction they want, challenging them to answer questions that they've potentially never even thought of. We give them a fresh pair of eyes and help them to understand and achieve where they need to get to as a business."

In August 2019, Fiona Ellingham joined the ever-expanding company as a Marketing Consultant. Through Fiona's extensive experience working in a variety of sectors for over 20 years, she has assisted a variety of businesses with their marketing needs, supporting across service development, customer communications, brand management and product life-cycle development.

Fiona's consultancy services cover Surrey, London and the South East. With an approachable and friendly personality, Fiona understands the needs of her clients and is able to analyse and interpret her clients' unmet needs to help them to develop a bespoke strategic marketing plan. "It's a personal service where I become almost a part of them," Fiona continued. "Through this process we work closely to understand the company and their marketing needs so, in a way, we become an extension of their company."

Do you want to know what shape the marketing at your business is in? Use Opportunity Marketing's free complimentary, no obligatory online survey to assess that: <http://bit.ly/2Hv0cmW>

In addition, a noteworthy recent offer from Opportunity Marketing is being launched for businesses in the South East of England. "Opportunity Marketing is going to make Easter Eggs-Ira special." Fiona expanded, "With attention turning to Easter on April 12th, Opportunity Marketing has a couple of egg-cellent offers to help readers in South East England* hatch a plan to achieve their business goals through more effective marketing."

- The offer includes a choice of either:
- ▲ FREE 15-minute marketing consultancy call (<http://bit.ly/33CEE0j>) and/or
 - ▲ A £50 discount on a Marketing Health Check booking <https://bit.ly/2UJf8LO>

Available until EASTER 2020.

To check out more information about Fiona: <http://bit.ly/33CEE0j>

*SE England postcodes based on data on the following link: <https://www.gbmaps.com/4-digit-postcode-maps/south-east-postcode-maps.html>



What's bugging you?



With the launch of Bond It's new 3 in 1 Wood Treatment in to their Drive Alive Range of products, you certainly won't be bothered by woodworm or termites.

A ready to use, 3 in 1 microemulsion universal wood preserver that kills active woodworm and termites, 3 in 1 Wood Treatment protects against re-infestation and wood rot.

This latest addition to the company's Drive Alive range of surface treatments, not only boasts zero volatile organic compounds (VOC's), but is water-based, non-flammable and quick drying. Based on a combination of fungicide and insecticide formulations it effectively eradicates and prevents attack by wood boring insects and wood rotting fungi.

Supplied ready to use in an eye catching 5 Litre metal tin, it is also certified to European and British Industry standards.

Commenting on the subject of new products, Kirstie Cooper, marketing manager, said: "Bond It continue to focus on developing more products to complement our existing range and we felt this was a good fit with the treatments from our Drive Alive range currently on the market. We felt now, during the summer months, was the perfect time to launch this new addition as woodworm is most active between May and October. This is a fabulous DIY product for anyone concerned about wood infestations!"

Contact www.bond-it.co.uk

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Low-carbon building & construction materials made from recycled plastic

Wood is a common material used for a variety of building and construction projects. It's versatile, easy to work with and available in abundance. However, it does come with its set-backs.

Wood, when exposed to the elements, will deteriorate and rot over time and require constant maintenance. Even treated wood will deteriorate over time, and with treated wood comes the controversial negative effects that some preservatives have on the environment.

However, Kedel Ltd have the perfect environmentally friendly, low-carbon solution that is just as versatile and as easy to work with as wood without the added upkeep or annual maintenance expenses.

Recycled Plastic building and construction materials from Kedel are 100% maintenance-free. They will never need painting, staining or oiling at all. They're entirely rot-proof. The unique manufacturing process of Kedel's recycled plastic lumber/timber profiles means they're entirely impervious to water, frost, insects, fungi and algae. They're incredibly low-carbon and they're made from British waste plastic that would otherwise end up in landfill or the ocean.

Kedel have an enormous range of recycled plastic building materials. With products ranging from decking, cladding, fencing and lumber profiles, to gallows brackets, fascia boards, benches, picnic tables, raised beds, planters and gates.

To find out more about Kedel's low-carbon, recycled plastic, maintenance-free, rot-proof building materials, simply visit www.kedeltrade.co.uk. Alternatively you can contact us on 01282 861325 or email us on sales@kedel.co.uk.



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Breathe easy



Thermal insulation isn't only about keeping buildings warm in winter; a quality system will also ensure walls remain pleasingly cool in the summer heat.

This dual performance is essential to creating year-round interior comfort for the long-term health and wellbeing of occupants.

The most effective method for creating a healthy living space is to optimally insulate the façade – the better the insulation, the more comfortable the space will be. The specification of quality External Wall Insulation (EWI) can help achieve this desirable level of interior comfort. It's a solution that is particularly effective in multi-occupancy properties.

Applying a non-breathable renovation system to a building causes what might be referred to as the 'plastic bag effect' – walls can become cloaked in condensation from non-escaping vapour. To create a breathable outer layer for buildings, an EWI system topped with a silicon-based finish render preferable. Water-repellent, stain and weather resistant, such a system provides a robust white or coloured façade, whilst optimising occupants' living environment. Silicon-based finish renders are also suitable for use without EWI, and can easily applied to mineral renders old and new, providing a decorative, vapour-permeable topcoat that makes for an attractive exterior.

There are a couple of very good reasons for choosing EWI over interior insulation.

Unlike the interior option, floor space isn't compromised with exterior insulation. A few millimetres less living room in a building containing multiple flats and potentially hundreds of walls, for instance, amounts to a sizable loss of space, which for private landlords could mean a reduction in income.

EWI also removes the dew-point from the inside of a building to prevent condensation forming. Systems containing unique perforated Expanded Polystyrene (EPS) façade insulation boards ensure high vapour permeability, resulting in the release, rather than the entrapment, of water vapour. This has the added benefit of having no effect on a building's airtightness.

The development of innovative self-cleaning topcoat renders containing 'photokat' photocatalysis technology provide optimum protection against contamination using the power of light.

Such systems, when enhanced with a superior quality primer for pre-treatment of hard or non-absorbent mineral substrates, and the aforementioned EPS boards, increase a structure's 'breathability'. This collective solution also offers outstanding levels of insulation when applied as part of a new-build or refurbishment project. In short: EWI improves the aesthetics on the outside and the building's thermal performance without affecting the interior space.

If you need any help with your next project, get in touch:

T 01622 710763
 contact@baunit.co.uk
 www.baunit.co.uk



Intratest

Intratest specialise in Structural Testing using Non-Destructive Testing (NDT) techniques to test everything from unseen corrosion to the presence of cracks in welds and metal structures.

The approach starts with a Visual Inspection as standard, and progresses to the following NDT services: -

▲ Standard Non-Destructive Testing – that uses a specialised non-destructive inspection tool for the detection and estimation of corrosion damage near and below ground level of steel roofed Street

Lighting Columns.

▲ Specialist Non-Destructive Testing – uses various techniques such as Ultrasonic, Eddy Current, and Magnetic Particle Inspection that are applied to the distinct types of structures that include High Masts, Traffic Mast Arms, Safety Barriers and non-steel roofed lighting columns.

Furthermore, our reports for steel roofed columns are firmly rooted on a 'risk assessment process' that allow results to be warranted to specified 're-test periods', something that should underpin any proactive

cost-effective Asset Management Programme.

However, Intratest compliments this by also offering
 ▲ Electrical Testing – Periodic testing due every 6 years by regulations, for lighting columns, signs, illuminated bollards and beacons

Allowing integrated strategies to be applied to any Asset Management Programme to improve overall planning, budgetary control and cost-effective solutions.

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Integrity, knowledge, experience

Since its formation in 1992, The Guild of Builders and Contractors has set the standards of quality and integrity in the UK's building industry. Created by a team of 14 builders, the Guild was founded with the aim to create a group of reputable firms and individuals who are actively involved in the building industry, and who boast the highest levels of experience, knowledge and integrity.

The Guild also wanted to provide appropriate services to members and ensure costs of membership were considerably less than other trade organisations. It features two levels of membership. The first of these is Corporate Membership, which is open to builders, specialist contractors, construction consultants,

builders' merchants, and building component suppliers. These members can use the membership badge or logo on their stationery, signboards, vehicles and any other promotional materials, to advertise the fact they feature the high levels of quality and integrity that are synonymous with being a member of the Guild. The second type of membership is Personal, which is open to those who are actively engaged in the building industry.

As well as being able to feature the Guild's badge on your company's digital and physical materials, membership also offers a vast range of additional benefits. Apart from providing professional status and ensuring you are

instantly recognised as a reliable, experienced, and knowledgeable professional, members also receive a certificate and promotional material free of charge. Furthermore, the Guild's experienced staff can offer advice on a wide range of subjects associated with the building industry and commerce.

Moreover, corporate members' full details are available on the Guild's website, which is regularly used by potential clients, meaning members can benefit from increased numbers of business referrals. The Guild also represents the collective views of members when speaking to the press, and provides regular news and information updates on its website.

In addition to this, members can take advantage of a members' advice service, which provides help with a range of issues including health and safety, terms of trading, employment, insurance and much more.

Firms and individuals are readily invited to apply for membership, and membership forms can be obtained from the website or via telephone, email or fax.

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Radio Data Networks (RDN) was founded in 2010 and is backed by over 30 years of experience across the water, wastewater, environmental, utility and transport sectors. RDN's founder considers themselves as a pioneer in radio telemetry, remote monitoring and IoT solutions to prevent pollution, reduce leakage, improve efficiency in water distribution, and cut global warming.

"It's all about smart sensing to detect issues and mitigating their effects, and automating the process to deal with them," explained Brian Back, Founder and Managing Director. "Take Drainage and Sewers, they are the primary source of plastics and micro-plastics entering our rivers and seas. By regulating their flows, we can drastically reduce the amount of plastics spilled, for more cost effectively than banning carrier bags, fabrics with plastic fibres, plastics cups, wet wipes or trying to fish them out afterwards.

"Our practical experience is a real advantage, enabling us to develop solutions that generally work first time without spending years researching. We do nearly everything in house, and we're proud to focus on UK-based manufacturing and using just in time techniques. We pride ourselves on ensuring that the equipment we design can be retrofitted, reducing disruption and making it easy to install, all of which results in substantial cost saving for our customers."

One of RDN's most recent innovations is its Sewer Flow Regulator (SFR), which was first conceived back in 2018 and underwent trials throughout 2019 and has already won a prestigious position in the UK Construction Industry Innovation Zone at last September's show, and now is entering commercial service with one of the top UK water utilities. The SFR is solar powered and uses wireless communications to eliminate the need for cabling. The regulator also offers significant advantages over penstock valves in that the assembly can be installed into existing sewer inverts and has retraction tools to enable removal and service from the surface without the need for confined space entry, a big H&S plus!

In use, a strategically deployed Sewer Flow Regulator can be used to lower the cost of connecting new housing developments to existing sewer networks by restricting the flow from the development at peak load periods.

"We're now looking at the broader applications of these Sewer Flow Regulators, and developing more solar and/or battery powered wireless devices to help eradicate one of the primary barriers in the construction industry, providing mains power and eliminating the need for cables," Brian concluded.

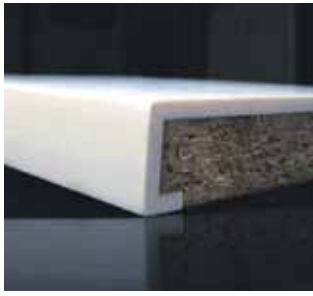
RDN is also a founding member of the Zero Pollution Network, a group of businesses and individuals that are striving to play an active role in the battle against aquatic pollution. If you would like to find out more information, head to the website or get in touch using the contact details below.

T +44 (0)1279 600440
info@zero-pollution.net
sales@radio-data-networks.com
www.zero-pollution.net



Luxurious Kitchen Worktops

Sheridan UK is the UK's largest supplier of granite worktops and provides a wide range of worktops for blue chip and independent retailers. First established in 1995 by Managing Director, John Blackburn, Sheridan displays a wealth of dominating industry experience and excels in providing premium products.



"We specialise in fabrication and manufacturing of luxury worktop surfaces and provide both bespoke and off-the-shelf solutions." Alex Tinkler, Digital & Marketing.

Sheridan is a market leader in the industry and invests in the latest technology, ensuring premium quality and excelling in customer service. "We are the biggest in the UK, this allows us to be confident in our services and bring in new innovations to the market." Alex continued, "We also have the fastest lead-times on the market."

Through Sheridan's range of worktops, the company provides a varied selection of high quality worktops, manufactured and fabricated in-house by a team of expertly skilled manufacturers. Sheridan worktops are available in a wide range of materials including:

- ▲ Sintered & Ceramic Stones: - Apollo Ceramicá, Dekton (by Cosentino), Neolith
- ▲ Quartz worktops:- Apollo Quartz, Silestone (by Cosentino), Caesarstone
- ▲ Solid Surface:- Corian, Avonite, Hi-Macs; which are also available in thermoform Apollo Magna, Apollo Slab Tech
- ▲ Compact laminate:- Apollo Compact
- ▲ Wood:- Apollo Wood
- ▲ Granite:- Apollo Granite, Premium Granite, Sensa (By Cosentino)
- ▲ Apollo Recycled Glass

A recent development for the company, Sheridan launched its range of Apollo Recycled Glass worktops. An environmentally friendly product, Apollo Recycled Glass has been designed to create an aesthetically pleasing unique luxury worktop, made out of recycled glass. Through extensive research and development, Sheridan created the range after formulating its own methodology of combining the strength of Quartz with the mesmerizing allure of crystal. Producing a crystallised stunning appearance, the worktop provides a glistening, texturized appearance and has been received very well by the market. Notably, after an extremely popular year in 2019, Sheridan is expanding its Apollo Recycled Glass range and is launching a further four new styles in March 2020.

In terms of the company's future plans, Alex told us that, "We want to expand our commercial presence and continued to assure the industry that we are a reliable supplier of high quality worktops."

For any further information please see the details below.
T 0845 618 9948
www.sheridan-uk.com



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apollo[®]
by Sheridan
recycled glass

Apollo[®] Recycled Glass is a stunning new Quartz style worktop available in two styles - Grey Shell (Pictured) and Blue Star, with new variants coming soon in 2020.

Sheridan are the only UK company with Recycled Glass worktops in batch production. This new style of material has a similar strength & appearance to large-chipped Quartz worktops; but with glass fragments up to five times the size.

This glass is reinforced with Quartz crystals and resin binders to create a worktop with literal depth of character; and the quality to last for years to come.

Call our sales team on 0345 618 2800 for samples and more information, or visit our website.

 www.Sheridan-uk.com/GLASS

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