

Building & Construction Review



RainWater Harvesting introduces Rain Activ

Peterborough based RainWater Harvesting Ltd offers unique mains back-up systems and sustainable drainage solutions for rainwater harvesting systems. The idea behind the company came about while Adrian and Jae Lester were involved in an extension building project. The couple realised how effective it could be to add a rainwater harvesting system to the wet area of the house, which held within it two toilets and a washing machine.



The company is now the UK's leading supplier of rainwater harvesting products, offering a range of products for both above and below ground. The basic principle of rainwater harvesting is to gather, clean and store rainwater from your roof. The water can subsequently be used for toilets, washing machines, and in the garden, cutting billing costs and making your home more sustainable and environmentally friendly.

RainWater Harvesting, in almost all cases, recommends the use of below ground tanks. They reduce the amount of space needed to be taken up, and enable your house to maintain its appearance unaltered. Along with the aesthetic conveniences, below ground tanks also keep the water cooler and are not exposed to frost.

The company's new Rain Activ system boasts the attributes of both rainwater harvesting for non-potable applications and the controlled release of attenuated

water into a network. Rain Activ is a SuDS (Sustainable Drainage System) that is designed with the future in mind. Being simple to install, Rain Activ collects water from a designated roof space, removing debris via a self-cleaning filter, and deposits the water into a tank. Each Rain Activ is tailored to the specific measurements and requirements of the location within which it will be set up.

The company plans on the continual development of its products throughout the future, and will undoubtedly be at the forefront of the development of new and equally as innovative rainwater harvesting solutions. For more information see the details below.

T 01733 405101
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www.rainwaterharvesting.co.uk



ALT – The world's brightest LED lighting

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simple and reliable solutions to all domestic and commercial lighting requirements. Everyone wins – the consumer and the professional who enjoy long maintenance-free product life, the environment which benefits from clean energy, with immense cost savings in the long and short term.



Our exclusive distribution of ALT products is evidence of our uncompromising commitment to quality and reliability.

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Unequivocal experts in metal washroom dispensers

Established in 1942 as Dudley Hill Engineering, Dudley Industries boasts over 75 years of experience in engineering high quality sheet metal products, covering initial design all the way through to full scale manufacture. They offer washroom accessories, pest control equipment and contract manufacturing services, specialising particularly in the hygiene and pest control industry.



"We design and make everything from scratch in our own factory, using our teams of highly qualified designers and engineers," says Chrissie Rowlinson, Marketing Manager. Indeed, some of Dudley Industries' core strengths include their in-house design, as well as the impressive breadth of their product range and the outstanding quality of the materials they use.

Boasting expertise in manufacturing wash stations, recess units and behind-the-mirror units, Dudley Industries believes that all of these should be part of the build. A particular product to note is the Wudu Unit, which is used to wash hands and feet in preparation for Islamic prayer, making it an essential addition to multi-faith facilities.

Dudley Industries' products are also crucial for establishments in the public sector, such as care homes and mental healthcare facilities. For patients with dementia, they offer products with contrasting blue and white colours, to help distinguish them from the wall decor

on which they are mounted. This helps people with dementia to maintain their independence for as long as possible, improving their quality of life. Dudley Industries also manufactures anti-ligature soap dispensers and paper towel dispensers for those in mental healthcare.

With ambitions to continue their impressive growth, Dudley Industries is currently developing their market in the Middle East, with plans to attend The Hotel Show in Dubai this year. Furthermore, they have product innovation planned throughout the year, with a new range of behind-the-mirror products launching soon.

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

T +44 (0)1253 738311
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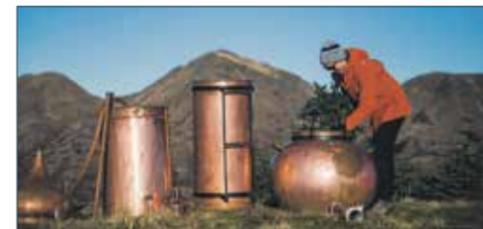
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Our affordable membership enhances your credibility and supports professionals with:

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- CDM regulations
- Building contracts law
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An introduction to Global Survey Equipment Ltd



Established in 2011 by Mark Owen and Matthew McGuire, Atherton based Global Survey Equipment (GSE) is a constantly growing company within the survey and safety sector of the construction industry. Global's four main areas are: hire, sales, repair and calibration, although they also provide instrument and cable location training.

GSE offers a broad range of products, all of which are kept up to date with the latest technology. The survey equipment the company supplies is extensive to say the least and undoubtedly covers all aspects of the surveying process. GSE offers everything from auto levels to robotic instruments & GNSS, all of which are under the manufacturing brand of GeoMax (part of the Hexagon group).

The Zoom 90 is the ultimate one-man system with up to 20% more automation performance and extended reflectorless measurement capability. Add to this the X-pad ultimate field software, which is entirely user focused and adopts an ideal balance between clear structure, uncomplicated workflows and impressive

functionality. The latest addition to GSE's already impressive product range is the GeoMax Zenith 40, the flagship of the GeoMax GNSS receivers. The Zenith 40 is equipped with the latest cutting-edge measurement engine and supporting fast converging precise point positioning it provides the highest level of technology and meets the toughest MIL standards.

GSE also presents a range of detection devices, including Cable Avoidance solutions, Environment Meters, Metal L Magnetic Locators and Gas Detectors. Cable avoidance products include CATs, Gennys and Accessories. The company also provides a half day C.Scope training course on the intricacies of cable avoidance. Environment Meters include Light Meters, Moisture Meters, Sound Meters, Thermometers and Air Flow Meters, and Gas Detection solutions.

Along with detection and survey equipment, GSE supplies reliable and durable health and safety equipment for confined space entry and working at heights. GSE has your health and safety concerns covered, with all products complying with legislative regulations, you can be sure that you're in safe hands when calling on GSE to secure the safety of your work site.

GSE is not only dedicated to offering state of the art and reliable products, but to maintaining strong, trusting relationships with its clients too. Co-founder Mark Owen tells us "GeoMax instruments aim to make the end user's jobs more efficient. We pride ourselves on our service and close relationships with clients." It's the attentive attitude that GSE adopts that gives the company its edge and sets it apart from its competitors. Often, large suppliers might not make the time to work with clients in order to arrive at the most mutually beneficial outcome, however GSE does, making customer satisfaction as significant as profitability.

GSE aims to sustain this attitude as it pushes forward, while also paying keen attention to growth and expansion, ensuring that



construction and civil engineering industries are all given the opportunity to benefit from the broad spectrum of products that GSE supplies. The company attends the Hillhead trade show held every two years, exhibiting and showcasing their product range and the way it is reshaping the construction and

engineering industries. For more information on Global Survey Equipment, see the details below.

T +44 (0)1942 896244
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www.globalsurveyequipment.com



Specialists in Energetics and blast protection

Building and Construction Review is proud to announce that Energetics Technology Ltd is being featured for their **Commitment to Excellence within Blast Protection.**

Established in 2010 by Dr Peter Jemmett, Energetics Technology designs, tests and manufactures blast protection products, as well as developing pyrotechnic articles and energetic materials.

Located close to Ashbourne, Derbyshire, Energetics Technology started out offering consultancy services for the development of explosives and pyrotechnics for the MoD. Using their knowledge of energetic materials, the company developed a series of products that could protect against such energetic materials and other explosives. These blast protection products protect people and property from the effects of explosive devices. Using a special composite called SabreMat™, developed by the company, a shock and blast resistant material, Energetics Technology manufactures a range of items for blast protection, such as boxes for suitcases, letters, mobiles and laptops, and litter bins for use in public places.

"All of our products are tested on site or at a proper test facility, with each one tested with the explosive charge we market the product as protecting against," explained Kevin Springthorpe,



Business Development Manager. "We also manufacture cladding to protect the outside of buildings, as well as being able to supply shutter doors and blast proof glass"

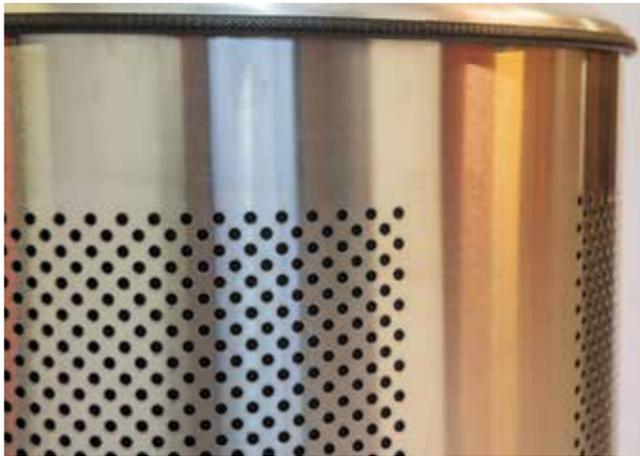
A recent development for Energetics Technology is its Halo 80 Plus blast protecting litter bin for use in high traffic public places such as railway stations, airports and shopping centres. This is an upgrade of the company's original Halo 80 bin which needed to be anchored to the ground. The new Plus version comes with improved protective performance against explosive overpressures and better protection from high

velocity fragments. What's more, the Halo 80 Plus does not need to be anchored to the ground, unlike its predecessor, saving on expensive installation costs and enabling the bin to be moved if the threat location changes. The Halo 80 Plus has received a seven-star rating from the UK Home Office.

With such impressive achievements already under its belt, Energetics Technology has more exciting developments on the horizon. "Recently, the company was acquired by the Lacroix Group, based in France, which has given us a big injection and means we can create a new manufacturing facility. We are also constantly working to develop new and up to date products, as well as offering bespoke solutions based on our standard catalogue."

If you would like to find out more information on Energetics Technology and see some videos of the company's innovate technology in action, head to their website. Alternatively, get in touch using the contact details below.

T +44 (0)1283 732339
enquiries@energetics-technology.com
www.energetics-technology.com



ENERGETICS
Technology Ltd

Specialists in Energetics & Blast Protection

Energetics Technology Ltd design, test and manufacture blast protection products, including blast mitigating and bomb resistant litter bins, trash cans and suspect package isolation units used widely in airports, train stations, shopping malls, civic centres and public spaces for public safety. Our product range also includes detonator containment storage and transport solutions for police, army, special forces, EOD teams and mining and quarrying activities.

We have a high level of expertise in the development and manufacture of energetic materials and pyrotechnics, such as 40mm grenades, rockets, smoke, flares and pyrotechnic line cutters.



Please visit www.energetics-technology.com

T +44 (0)1283 732339 • enquiries@energetics-technology.com



The home of innovation and design for high-quality Glamping Products

Originally set up as 'The Logpod' in 2007 by Trevor Richardson, Universal Glamping was established by Trevor's son, George Richardson, in 2017. Based on their home farm and campsite in the Brecon Beacons National Park, South Wales, they are industry leading glamping pod designers and manufacturers, providing high quality glamping products that have the best value for money on the market.

Indeed, Universal Glamping provides everything you need to start setting up the perfect glamping site. Their product range also now includes canvas structures and heating solutions, as well as pods, and their design team can help campsites create unique accommodation that will entice every kind of holidaymaker.

Some of Universal Glamping's main customers include campsites and holiday parks that are looking to explore the glamping craze and offer further accommodation for their guests. They also see interest from couples who are looking at starting their own glampsite as a secondary income and retirement plan. It is without question that Universal Glamping has garnered an outstanding



reputation with their customers, "Many of our customers choose to stay with us because we are young, friendly, passionate, enthusiastic, helpful and understanding," says Bradley Richardson. "We are technically brilliant and always provide as much value to our customers as humanly possible. Quality and value is the objective: we are building the best reputation in the business."

Some of Universal Glamping's main products, their glamping pods, are available in a range of different sizes and specifications. They are a premium range of top quality camping pods which can be delivered to a site fully assembled and ready for occupancy. With a stunning rustic exterior that will fit into any countryside or domestic environment, the inside of the pod boasts warmth, comfort and cosy high quality furnishings to create the perfect home away from home.

Another excellent offering from the outstanding creative design team at Universal Glamping is the GlampLoft, a modular canvas structure which provides year-round accommodation. The GlampLoft is a stand-alone glamping construction that is the first of its kind in numerous ways. One of its innovations is its insulated canvas with nanotech low-voltage radiant heating



technology integrated into the surface, which provides efficient and effective direct radiant heat. Furthermore, it is constructed with two stories, a flexible downstairs communal area for cooking, eating, and socialising, and an upstairs loft space which comfortably sleeps up to four adults.

Universal Glamping have also developed another revolutionary product: the GlampRAD. This is an innovative standalone radiant heater panel which has been developed for glamping and park home industries, offering an efficient and cost-effective alternative heating solution. Radiant heating is gaining popularity in the global marketplace, and the GlampRAD has the ability to provide higher levels of comfort, efficiency and health benefits over traditional heating methods. It has been developed as a primary heating system that can be installed during construction or retro-fitted as an afterthought. Boasting an easy to use mechanism, GlampRAD requires no annual servicing, maintenance or repairs due to having no running parts, and it provides the optimum level of comfort at a low cost.

It is evident that Universal Glamping provides unique glamping products of the highest quality, which are



sure to be excellent and cost-effective additions to any campsite. For more information, head to their website or use the contact details below.

Contact
T +44 (0)1269 853957
sales@universalglamping.com
www.universalglamping.com



THE HOME OF GLAMPING

With over 25 years of experience within the camping and glamping industry, Universal Glamping are the leading trade suppliers of pods and now adding canvas structures to their ever growing portfolio. The design team can help you create a bespoke glamping site that will produce a constant revenue stream.

The new innovative IR heating can be incorporated into canvas, pods and lodges this will keep your structures warm and cosy throughout the winter. It has an extra benefit of being very cost-effective to run.

Please visit www.universalglamping.com

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Derbyshire Specialist Aggregates covers all your aggregate needs

resinbondedaggregates.com from
 derbyshire specialist
 aggregates

For this issue of Building and Construction Review, we are happy to announce that Derbyshire Specialist Aggregates is being featured for their **Commitment to Excellence within Outdoor Building Services**. This is a result of their growth in exporting products all over the world and contributing to a vast array of project types.

CEO Martin Poulter started Derbyshire Specialist Aggregates in 1984 from the confines of his father's garden shed. Since then, the company has grown substantially



to say the least, and now has 56 workers in its employ. The company's head office sits in Arbor Low, Derbyshire, the company also has sites in Ryder Point, Bridgend, Port Penrhyn and Garston.

Derbyshire Specialist Aggregates is a leading producer of specialist aggregates and, contributes to a broad and varied spectrum of industries, including landscaping, resin bound and bonded projects, pebble dashing and flooring. The company's extensive industry knowledge and in house samples service renders it able to offer any grade and blend of material, as well as providing a 'Match any

Mix' service and working with clients to meet bespoke requirements.

Sam Buckley says that "With over 30 years of experience, we have amassed a wealth of expertise and knowledge. Our technical team is on hand to help with any questions and field based managers are available for site visits and to help at every stage of a project from specification through to installation."

DSA is one of the largest UK manufacturers of specialist aggregates, and adheres to an 'always in stock' philosophy, ensuring that 100% of stock is available at all times, keeping thousands of tonnes of raw material and finished products constantly ready for next day delivery. DSA also provides an EXCLUSIVE EXCEL delivery service, wherein if a delivery fails to arrive at the time arranged, haulage costs will be refunded.

Managing Director Sam Buckley tells us that, "By coming to us, customers come directly to the point of manufacture," which inevitably cuts out the middle man and having to deal with a long supply chain. Sam adds "Our customer and technical support is unrivalled. We like to keep things simple with one order, one delivery and one contact. As well as a friendly voice at the end of the phone, we also offer online ordering so that orders can be placed 24 hours a day, seven days a week."

The company's DALTEX UVR resin bound system, has recently been awarded certification from the BBA (British Board of Agreement). This certificate is awarded to products that are recognised by building control, government departments,

architects, specifiers and industry insurers. The certificate is a testimony to the quality, safety and reliability of Derbyshire Specialist Aggregates and the service and Daltext products it supplies. This year, the company continued with its policy of re-investing and introduced state of the art driers and dust extraction capability, which has been designed to keep DALTEX leading the market as the driest, cleanest aggregate on offer.

The company has recently launched a new DALTEX Bespoke resin bound aggregate range, which consists of 40 beautiful colour blends, designed to boost kerb appeal. Sam Buckley says "Each blend is made up of different aggregate sizes and textures, and colours span the spectrum – from the richest reds to stylish greys to soft and subtle golden browns. There's something from every age and style of property. They can be used for resin bound driveways, paths and patios."

The company's client base is built up of both trade and consumer customers, with trade customers including builders' merchants, builders, architects and specifiers, landscape



and driveway contractors, garden designers and general contractors. Derbyshire Specialist Aggregates takes great pride in the reputation that it has garnered over the years, and places great value on delivering a service of the utmost quality and treating its customers with respect. The company regularly contributes to both national and local charities, and to television programmes such as DIY SOS and Love Your Garden.

For those who are new or have lesser experience in the resin bound industry, DSA has invested in a dedicated training facility, from which the company runs a practical one day resin bound training course in Derbyshire. The training provides contractors with the knowledge necessary for installing the DALTEX UVR resin bound system to meet BBA approved standards. And for experienced contractors, the company offers the opportunity to become DALTEX UVR Qualified Installers.

The company continues to invest in people and plant, and efforts to improve production processes are endless. With a customer base growing as speedily as DSA's, keeping consumers and traders satisfied is integral to success, and DSA will undoubtedly continue to treat the improvement of its operations as a priority. DSA continually encourages innovation and creativity, focussing on providing customers with a portfolio of products to suit every type of residential or commercial project.



Contact
 T +44 (0)1629 636500
www.resinbondaggregates.com
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www.derbyaggs.com



Comprehensive Building Solutions from B&Lonzer Construction

A home is a key part of your identity; it is where you pass the majority of your hours, where you socialise, relax and spend time with your family, so when you are thinking of renovating your space, it is important to make sure your dreams are in the right hands. This is where B&Lonzer Construction can help, and turn your vision into a reality with a comprehensive and versatile renovation and extension service.



the company garners a stellar reputation for an efficient and hassle-free customer experience.



Committed to offering a comprehensive service to their customers with a complete building solution, B&Lonzer Construction can help with initial design stages, working with architects to revamp both interior and exterior environments, and can apply for planning permission for extensions. What's more, the company is able to get in contact with kitchen and bathroom suppliers and offer excellent discounts to their clients, sourcing complex equipment to ensure the highest possible quality finish. Indeed, B&Lonzer Construction

B&Lonzer Construction was established over 10 years ago by Bart Lonzer, offering a full range of services and specialising in home expansions, loft conversions, and kitchen and bathroom renovations. "We provide multifaceted work on properties, and can really turn a house upside down to achieve your dream home design," Bart tells us. Indeed, the company's high rate of repeat customers year on year is a testament to the quality of B&Lonzer Construction's service and stunning finished renovations. In fact, their customer base is continuing to grow as

boasts an intricate network of various specialists to work with, ensuring the very best standards of building solutions on the market.

With the dynamic pace of modern day life, our everyday needs have changed and so too have the requirements of our homes. Now, we need multi-functional spaces to cope with busy family lives and the growing tendency to work from home. This is where extensions can help to revolutionise your domestic space, and B&Lonzer Construction can help you every step of the way and support you to optimise your home life.

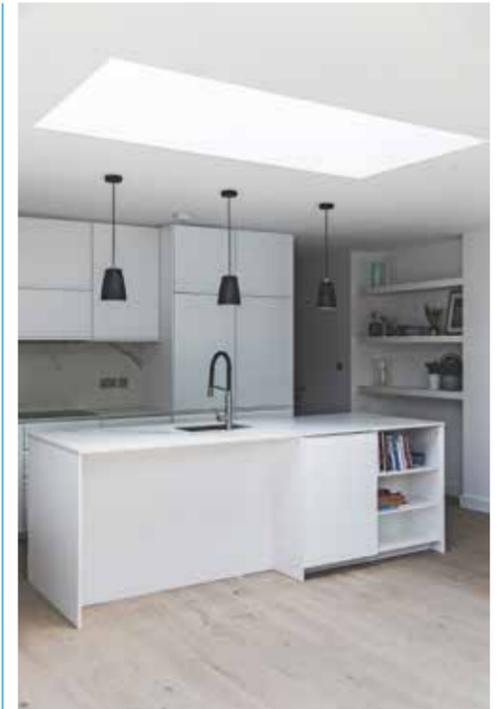
Included within their services are stunning kitchens, with most of their designs coming from Italy, showcasing



modern and sleek finishes. B&Lonzer Construction also offers beautiful traditional British kitchens, ensuring they are encompassing a wide range of preferences and visions for the perfect homely environment. They are committed to working closely with their customers to unleash the full potential of their house, offering expert support and guidance through the initial planning stages right through to final completion.

We had the pleasure of speaking to Bart about some of the company's future plans. "The construction side of the business has developed a lot in the last two years, and we're looking to continue to expand in this area," he explained. "As a more long term goal, we're hoping to develop our teams and complete some bigger projects, moving from renovation to development, hopefully starting to develop houses in about five to seven years' time."

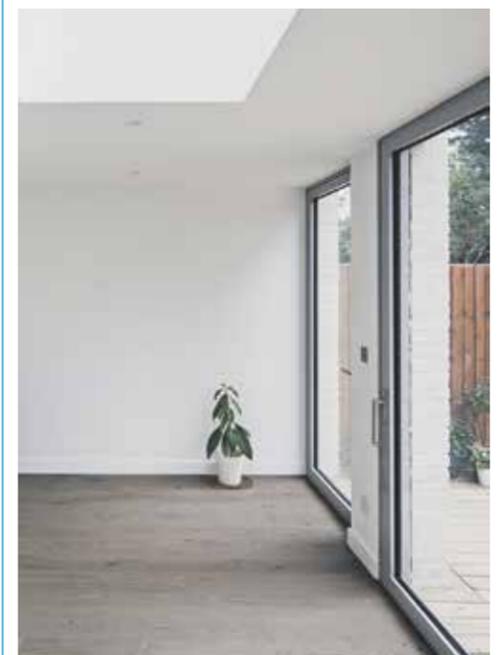
Without a doubt, the number of services B&Lonzer Construction can provide is manifold, and they are an expert in making the renovation process as



simple as possible, eliminating the hassle of communicating with numerous different consultants by acting as a single point of contact for everything the customer needs. They are a true one stop shop for efficient and superior building solutions.

It is clear that B&Lonzer Construction's combination of industry expertise and commitment to providing the best customer experience possible puts them in prime position for offering superior building solutions for an array of projects. If you would like to take a look at some of their fantastic past projects, head over to their Facebook page where you can find an abundance of spectacular interior designs and extensions. Alternatively, get in touch using the contact details below.

T +44 (0)7704 515415
info@blonzer.co.uk
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World workwear brands tailored to both genders rely on super-durable CORDURA® fabrics

Workwear brands around the world rely on super-durable CORDURA® fabrics to help garments last. Both men and women in the work place are continually putting durability to the test. From trousers and tool belts to hi vis jackets and safety footwear, CORDURA® fabrics add stylish durable performance and lightweight strength to work gear. We regularly read about men's workwear but what is out there for durable women?

We regularly read about men's workwear but what is out there for durable women?

Dovetail Eli Chore Coat – Created for women who work

CORDURA® fabrics are proud to partner with Dovetail on a new high performance work jacket solution the Eli Chore Coat. Dovetail constructed it in rugged stretch CORDURA® Naturalle™. A fabric that's waterproof,



breathable and engineered with high tenacity nylon 6, 6 for enhanced resistance to tearing and abrasions.

A high performance jacket created for women who work. So, it can stand up to the hard life anywhere – from the Alaskan mountains to the city. In Dovetail's own words, "We used CORDURA® Naturalle™ because we needed ultimate durability in our ultimate work jacket."

So, it fits perfectly with Dovetail's versatile range and stated philosophy – which is to design the ultimate union of technology and tailoring for women who work.

Women who wear Dovetail gear don't wait around for anyone. They get on with the job. Working hard in all kinds of trades, out in the field, construction projects, or reporting in from the front line.



The perfect all-purpose coat that's tough, versatile and more than ready for the work environment.

From trousers and tool belts to hi vis jackets and safety footwear, CORDURA® fabrics add stylish durable performance and lightweight strength to work gear. Discover the world of CORDURA® fabric at: www.cordura.com



Committed to superior quality & results

B&Lonzor Construction was created over 10 years ago to provide a complete building service for their clients. Lofts and Extensions are more than just a local builder. They will work with you to discover the full potential of your home and offer a one-stop shop for your project, from the creative planning stages right through to completion. B&Lonzor



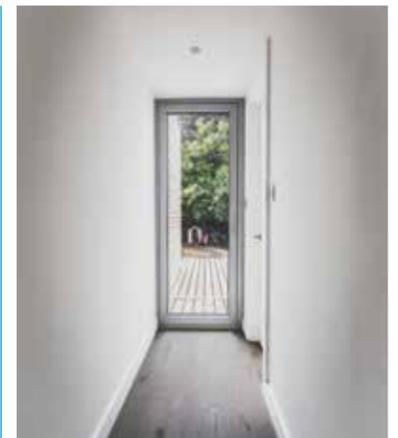
Construction can help, and turn your vision into a reality with a

comprehensive and versatile renovation and extension service.

B&Lonzor Construction's combination of industry expertise and commitment to providing the best customer experience possible puts them in prime position for offering superior building solutions for an array of projects. If you would like

to take a look at some of their fantastic past projects, head over to their Facebook page where you can find an abundance of spectacular interior designs and extensions.

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Aquaformo: Leading the revolution in outdoor cooking

Aquaformo is the brainchild of Tim and Karen Rhodes, a truly revolutionary outdoor cooking solution which is so much more. The idea for Aquaformo initially came about when Tim and Karen had to construct a contraption for an outdoor gathering. They faced the not-so-easy task of making a fire pit also capable of cooking pizzas. The contraption proved successful, and they began to wonder what more could be done with it and how the idea could be developed.

Well, after several years of research, planning and product development Tim and Karen are extremely proud to present a highly innovative product: the Aquaformo. The ultimate outdoor cooking stove capable of a great many functions, enthusiasts of the outdoors truly need look no further than the Aquaformo. The stove serves as a fire pit or chiminea, a pizza oven, a grill, a smoker and has a water tank fitted allowing access to boiling water through an integrated tap on the side of the stove. The design allows for a frying pan to be placed on top, so you can cook anything from

pizzas to paellas to a full English breakfast with the utmost ease of use. Place a casserole dish in the top section and cook chilli con carne or bake an apple crumble. The possibilities are staggering. Oh, and the entire stove can be collapsed and placed into a padded backpack in only 10 minutes all thanks to the innovative telescopic design.

It's no wonder the Aquaformo has gained such considerable attention since its inception, being featured on Channel 5's The Gadget Show (and feeding the team!) and featured by The Hairy Bikers, who cooked scrumptious rye bread in the Aquaformo and took the multi-functional stove on some of their adventures.

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www.aquaforno.com



Premium window and door manufacturer



small, why not give U70 the opportunity to either quote supply only, or supply and install.

Should you wish to discuss any of the above, please do not hesitate to contact U70 on the details below.

For further information on U70 and their products and services, please visit their website www.U70.co.uk or contact their offices on 01376 511360.



Here at Building and Construction Review, we endeavour to highlight and recommend companies who are committed to offering industry-leading products and services, with unparalleled quality and a dedication to continual growth. For this reason, we are proud to recommend U70 as a premium window and door manufacturer.

From a modern semi-automated factory of some 38,000ft², U70 is now producing approximately 1,200 frames per week, and with an innovative barcoding system, all items can be tracked through manufacture and delivery to provide confidence and reassurance for U70's customers.

The collection of products including the standard Legend 70 range and Residence collection (timber look) has enhanced U70's portfolio even further. What's more, they will be introducing the new and existing Kommerline Flush window (C76) before the end of June with the new in-line soft closing patio door to follow closely behind.

First established in 2001 by Martin Killick, the company has gone through many changes, and as their strapline states, 'change is a continual process'.

The windows and doors manufactured by U70 are of the highest quality, and as their standard, windows are manufactured to Pas 24 with the options to upgrade both windows and doors to secured by design (SBD). With such impressive accolades, you will see why U70 is fast becoming the largest window and door manufacturer in the south east.

U70 supplies windows and doors into the trade builder market as well as a small selection of small to medium house builders, and all of the company's well-accredited products meet every condition as required by building control. U70 has been successful in securing commercial contracts to supply both Residence 7 windows and doors and products from their standard Legend 70 range. With their introduction and expertise, along with a highly professional approach, U70's market can only increase their volumes and profits.

With successful and continual market campaigns through Mailchimp, advertisements and monthly adverts in magazines, the name to look out for is clearly U70.

So, when quoting your next project, big or



U70
MANUFACTURERS OF PREMIUM
WINDOWS, DOORS AND CONSERVATORIES

PREMIUM U70 MANUFACTURED

THE RESIDENCE
COLLECTION

NOW AVAILABLE IN 4 WEEKS
FROM ORDER SIGN OFF

SOPHISTICATED PERFORMANCE

A combination of design, innovation and technological advancement is how The Residence Collection out performs many other systems.

They can accommodate the very latest, highly efficient glazed units with market leading thermal and acoustic performance.

Call: 01376 511360
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THE RESIDENCE
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NATIONWIDE DELIVERY

PAS 24

Secured by Design
SBD

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Leading stockist and distributor of top name, genuine spares



Building and Construction Review endeavours to recommend industry-leading companies who are committed to providing superior services and products to their customers. This is why we are proud to feature UK Spares Ltd as one of the leading suppliers of spares for the electrical market.

Based in Bristol, UK Spares ships its products nationwide and is dedicated to offering next day delivery to their trade, retail

and wholesale customers. Established in 1993, UK Spares is owned by UK Electric Ltd, providing the company with a strong foundation and ensuring it is financially sound. What's more, UK Spares' sister companies are involved in a diverse range of activities associated with electronic, mechanical, lighting and controls. Over the last 26 years, UK Spares has become one of the prime suppliers of spares within their main area of expertise: electric water



heating and electric space heating.

We had the pleasure of speaking to Ross Graham, Manager, about some of the advantages UK Spares can offer its customers. "We have excellent stock levels, and boast a team that has unrivalled expertise; some of our staff have over 20 years of experience in the industry, so our customers can be assured that we will send them the correct part first time round. Some of our competitors with perhaps less experience or knowledge than us may not carry out the work and research necessary to ensure a customer receives the right spare part. We are confident that we have the knowledge, skills and experience to ensure we find the correct solution first time, every time."



Ross also told us about some of UK Spares' recent developments and future plans. "We have recently started offering spares for air conditioners, as well as expanding our range of shower spares. This is an area we will be focusing on in the future as we work to enhance the selection of parts and accessories we can offer to our customers. We have seen huge success in regards to our heating products, and we are hoping to replicate these achievements in more areas."

With access to spares and accessories from over 100 suppliers, UK Spares is undoubtedly a leading stockist and distributor of top name and genuine spares. If you would like to find out more information on their full range of products available, head to their website or get in touch using the contact details below.

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www.uk-spares.co.uk



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Discharge legislation is changing – Is your system compliant?

The Environment Agency (EA) introduced new rules regarding the discharge of treated sewage by systems installed and in use on or after 1 January 2015.

If you have a septic tank you need to identify whether it discharges to a river or stream (surface water discharge) or whether it discharges to a drainage field, as after 1st January 2020 discharges to surface water from both old and new septic tanks will no longer be permitted by the EA.

If you have a septic tank that discharges directly to surface water you will need to replace or upgrade your treatment system by 1 January 2020.

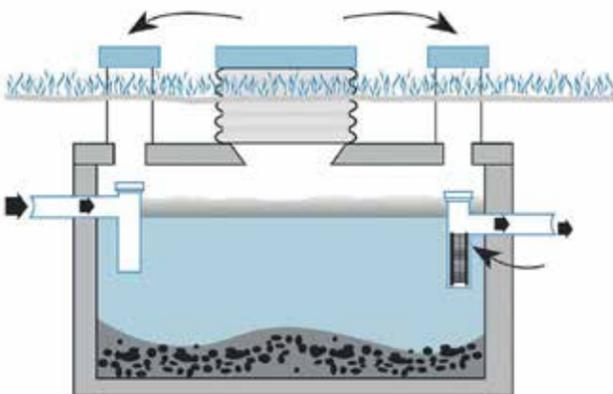
Where properties (domestic or commercial) with septic tanks that discharge directly to surface water are sold before 1 January 2020, responsibility for the replacement or upgrade of the existing treatment system should be addressed between the buyer and seller as a condition of sale.

It is not uncommon for a septic tank or soakaway to be located on neighbouring land. In these instances, the responsibility to upgrade still lies with the owner of the septic tank whether the soakaway is on their land or not, so it is important to act quickly. The process could be slowed and deadline potentially missed if issues occur during the upgrading process.

If your system requires replacing or upgrading due to its discharge location, you have three possible options:

- ▲ Connect to mains sewer
- ▲ Install a drainage field so the septic tank can discharge to ground instead
- ▲ Replace your septic tank with a small sewage treatment plant.

Only small sewage treatment plants can be permitted to discharge to surface water such as a river or stream. A small sewage treatment plant



(also known as a package treatment plant) treats the liquid so it's clean enough to go into a river or stream.

It is possible to apply for a permit for discharge to surface water from a septic tank, however these are only granted in exceptional circumstances. It is advisable to contact the EA before applying.

Discharging to ground:

Discharge from septic tanks and sewage treatment system can be made to ground via drainage fields.

Discharge to a soakaway borehole can **only** be made from a sewage treatment system and **must** be permitted by the EA. Permits must be applied for in the following circumstances:

If you discharge:

- ▲ to a well, borehole or other deep structure
- ▲ more than 2 cubic metres (2,000 litres) per day.

If **any** part of the building your system serves is within 30 metres of a public sewer, the EA will **not** allow you to start a new discharge. If there is a good reason why you cannot connect to the sewer (e.g. a river or a hill in the way) then you must apply for a permit from the EA.

More information can be found on the Environment Agency website, or by contacting the EA on: +44 (0)3708 506506 or at: enquiries@environment-agency.gov.uk.

H.D. Services Ltd can help!

Treatment plants

Operating in the industry for over 25 years, our bespoke HD-SM plant is designed to meet the needs of the individual clients and comply with strict legislation. We provide support and advice in dealing with the EA and can help in securing any necessary permits and/or licences required. We also offer maintenance services to ensure continued compliance with any permits.

Soakaways

Our soakaway boreholes are constructed using the cable-tool percussion method and are designed specifically to meet the requirements of the treatment system they are to serve. Our underpinning ethic is that we want to protect the aquifers from which we make our living.

We also construct drainage fields to manage the discharge from septic tanks.

Our portfolio includes the National Trust, RSPB, various county and

borough councils, highways agencies and hundreds of domestic clients and estates.

For more information on our bespoke systems and services we offer, please either contact us directly by telephone on: +44 (0)1494 792000, by email at: enquiries@thehdgroup.co.uk or visit our website at: www.hdservicesltd.co.uk

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New distributorship for Cinderella Eco Solution

LeeSan has become the Sole distributor for Cinderella Eco Solution incinerating toilets.

4 different toilets will be available very soon running on Propane Gas or 240V.

Cinderella Motion represents an entirely new concept for waste handling in Off-the-Grid locations, Marine craft, mobile homes and recreational vehicles. It is now possible to get rid of toilet waste in a hygienic and simple manner. The end product is just clean ash. The toilet may be used around 70 times before emptying is required. Cinderella Motion is a further development of the popular Cinderella incineration toilet currently installed by over 60,000 users worldwide.

An incineration toilet is a toilet in which waste products, urine and excrement, are incinerated at a high temperature, leaving only an insignificant amount of ash.

Available around the world for decades, incineration toilets are a commonly used alternative in mountain cabins, remote areas, tiny homes, off-grid structures and other residential and commercial applications without easy access to public utilities.

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*In independent test. Wood to Metal adhesive strength test (posted on YouTube 12/11/17).

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.



TuffTechPRO

Protect your investment

Tuff Waterproofing launches new Polyurethane flat roofing system for commercial market

Tuff Waterproofing, the UK's leading supplier of heavy-duty GRP waterproof flat roofing, has launched a new system offering a combination of fast installation, ease of use and high performance which is ideal for the commercial market.

Tuff Tech Pro VP/UV is a durable, completely seamless waterproof encapsulating membrane which is ideal for new or existing flat roofs, walkways, balconies and gutters. Its advanced fast-curing formulation is quick and easy to apply, significantly reducing time and labour on site. Available with installation training on request, the product is non-hazardous and can be applied in damp atmosphere.

Tuff Tech Pro VP/UV is completely dry within eight hours and fully cured within 24 hours to form a totally waterproof membrane across the whole of the application area. Brush or roller applied, the solution is designed for excellent adhesion to a range of substrates, including bitumen membranes, asphalt, metals, brick and concrete. It has excellent wetting out and moulding capabilities to accommodate complex shapes and details. Roof penetrations, ventilation and cooling plant can all be sealed and new plant can be easily accommodated.

A Tuff Tech Pro VP/UV is a high-build, elastomeric, moisture-triggered polyurethane membrane comprising three layers of advanced polyurethanes incorporating a separate technically advanced reinforcement layer. It can be recoated at any time prior to the end of its maintenance life, thus extending its working life indefinitely. Training is available at your local stockist upon request.



Please visit www.tuffstuff.co.uk
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Innovation from the ground up



If you are specifying a stormwater system, it pays to consult Tubosider. We are the leading UK manufacturer of corrugated steel pipe for WRc approved stormwater management and attenuation tank systems, culverts and tunnels.

Our products provide an infinite variety of layouts. That means you get a simpler, more flexible, storm water solution with less waste, less cost to you and an installation that's often just a simple pipe-laying exercise.

Why choose a steel system?

The versatility and strength of steel makes it an obvious choice when compared to concrete or plastic systems. Our steel systems can be precisely engineered and the finished product fabricated to exact specifications.

The loadbearing capabilities of our products mean they are compliant to Highways Agency Standard BD12, with a minimum design life of 60 years. We can design in a greater steel thickness or with Trenchcoat Polymer Secondary Coating to give you a system with up to 120 years' design life or for an aggressive environment.

We recognise that our customers are required to provide increasingly more sustainable and ecologically sound solutions on site. Our pipes are made from 25% recycled steel, and our attenuation tanks are 100% recyclable. You won't find that level of sustainability with a plastic or concrete system.

Value engineered

Our WRc certified Singlestore and patented Twinstore attenuation systems are used in construction projects across the UK. You can rely on our tanks to provide better value than a cellular crate system. Time and again our systems require fewer manholes and less underground pipework saving time and money.

As a minimum, we can reduce the number of manholes required for a crate system by two, and normally many more. Plus, installing one of our conventional tanks often means that you can use a full retention separator, providing a further cost saving.

Contact
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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.



SWA refurbishment specialist, ASWS, returns to County Hall after twenty years



County Hall on the Southbank of the Thames is one of the capital's most notable buildings, having continued to fulfil many roles since the departure of the GLC, and has twice been the focus for far-reaching restoration work involving one of the Steel Window Association's members.

London-based, Associated Steel Window Services (ASWS), specialises in the repair and restoration of steel and other metal windows, including heritage work, a skillset which led to the company being awarded the original contract encompassing the whole of County Hall twenty years ago.

Now, with the vast property having multiple occupants including two hotels, an aquarium and various other commercial tenants, ASWS has undertaken two more phases of work on behalf of KPS Partnerships; a fit-out specialist creating a high-spec conference centres. RHWL was the renowned firm of architects leading the design and heritage work.

The scope of the SWA member's involvement, carried out in two phases starting in 2016, focused on the in-situ overhaul of the large medium-Universal frames, across two floors of the Grade II listed façades and around some of the structure's numerous light-wells. The team of four operatives, plus the supervisor who had been involved on the original contract early in his career, refurbished nearly 200 windows, while also installing new ironmongery to match the original design aesthetic.

Following on from the success of this, KPS again invited ASWS to tender for another phase last year, where the contractor was fitting out Level 3 to create the venue's ancillary spaces. An additional 116 windows, including 261 opening lights were refurbished, while some 500 pieces of new ironmongery were fitted. In addition, ASWS supplied and installed new windows to replicate a number of original badly corroded windows.

Simon Stillwell of KPS Partnership commented, "Our role on the latest contract was to take the space from a shell right through to handing over the full County Hall conference centre, including creating the kitchen, restaurant and washrooms, and managing all the specialist sub-contracts. ASWS proved to be very adaptable and we were really pleased with the first phase, so we invited them to tender again for the second. I was very impressed with the level of service - always proactive. Also given the length and complexity, it was great that they kept the same fitters on site throughout."

Members of the Steel Window Association offer a UK wide service for the repair and replacement of various types of old metal windows, doors and screens, as well as being able to manufacture new fenestration which fully meets the requirements of the Building Regulations. Choosing an SWA member to manufacture and install steel windows and doors ensures that the highest standard of fabrication, installation and customer service is achieved.

For further information on the Steel Window Association, please visit: www.steel-window-association.co.uk or call: +44 (0)20 8543 2841.

The Laundry Ladder Clothes Airer

The Laundry Ladder a wall mounted clothes airer, a beautifully made piece of furniture no need to be hidden away. This British designed drying rack is made to an exceptionally high standard and will last for many years.

The Laundry Ladder Clothes Airer offers an eco and space saving solution for indoor drying, it makes small spaces work better, a great addition to any property development.

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WASHROOM ACCESSORIES

Catalano: The Essence of Ceramics

Catalano, an Italian company based near Rome, was founded in 1967 in Civita Castellana by a team of expert ceramic technicians. Celebrating 50 years in production, Catalano, a company rich in heritage, is a market leader in manufacturing and exporting ceramics, selling its ranges in over 100 countries. The company produces cutting edge ceramic collections in a its technically advanced, 170,000 square metre factory and then collections are hand finished by

skilled craftsmen, giving ceramics an authentic finishing touch in true Italian tradition.

Catalano is globally renowned for producing the finest contemporary designs, made to the highest standards. A standard of excellence in terms of quality and respect for the environment is built into every stage of the manufacturing process. Catalano's commitment to quality is highlighted in numerous worldwide projects



and awards received in recognition of its achievements. Recent awards include the 2019 Plus X Award for Newflush® WCs with Vortex flushing technology, IF Design Award 2019 for Ceramic Top, IF Design Award 2018, Good Design Award 2018 and Reddot Award 2018 for the new Zero collection.

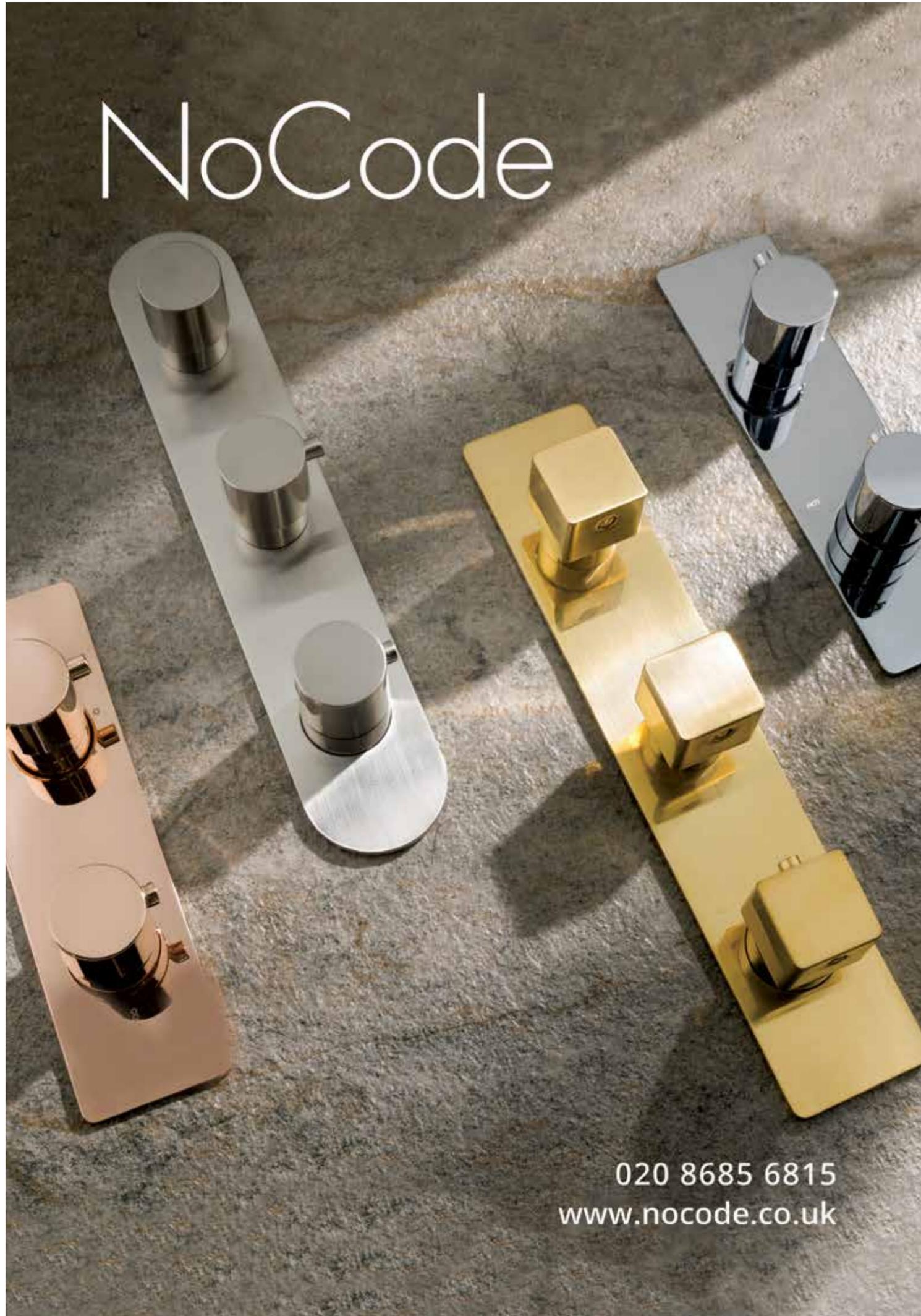
The signature Cataglaze+ treatment has a lifetime guarantee and is standard on all Catalano products. Cataglaze+ is blended at a high temperature with the ceramic itself so that it is an integral part of the product, giving Cataglaze the edge over many traditional glazes. Cataglaze+ contains silver and titanium ions which, once activated, kill germs and bacteria. The silver ions are activated by light and the titanium ions are activated in darkness. Combining the two ensures antibacterial protection 24 hours a day. Surfaces are smoother, easier to clean and more resistant to limescale, general dirt and aggressive chemicals. In addition to increased hygiene, Cataglaze+ sets Catalano ceramics apart aesthetically. Cataglaze+ gives ceramics a smooth finish and ensures surfaces stay brighter for longer for a stunning appearance.



Dedicated furniture solutions in on trend finishes are available for stylish bathroom storage. Units are available for small and larger basins with 1 or 2 drawer options and can be combined with matching wall storage for a total look.

Catalano ceramics have gained notoriety due to a wide range of designs and sizes plus flexible installation options, all without compromising on looks and high quality. Catalano also offers colour matching for ceramics to harmonise with specific colour schemes. From simple solutions for public washrooms to personalised boutique settings, Catalano can meet the requirements to create beautiful bathrooms and washrooms.

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NoCode

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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.

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Large capacity firebox for easy of loading = less wood cutting.

The Classic Edge 300 30kW Titanium (stainless steel) starts at £8,450.00 plus VAT.

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For more information, call CB-UK on: +44 (0)1206 251118, email: info@central-boiler.co.uk or visit: www.central-boiler.co.uk





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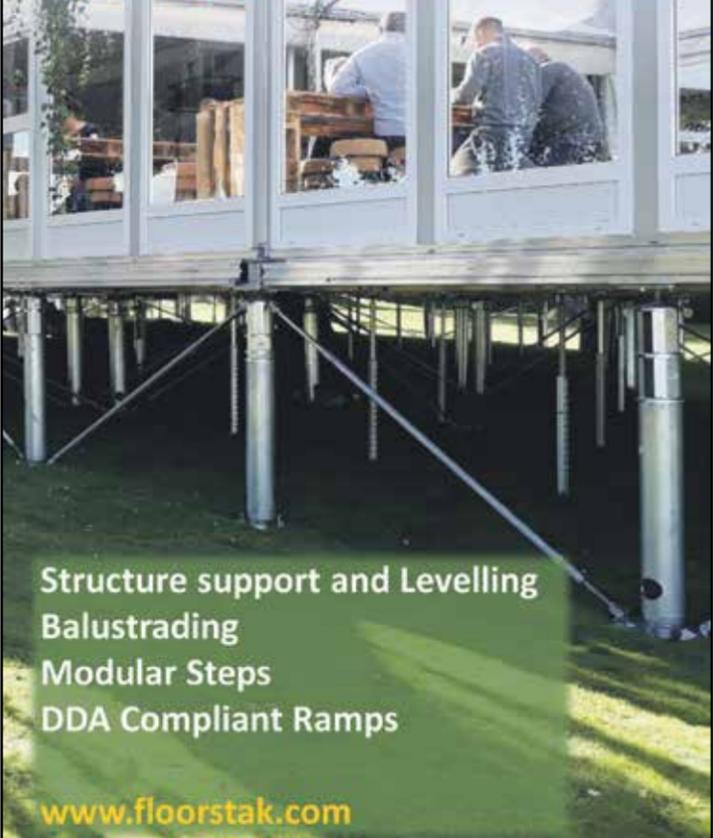
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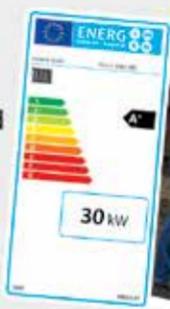
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If you like wildflower meadows, you're going to love Pictorial Meadows

Pictorial Meadows, the award-winning market-leader in the design, supply and installation of stunning designer meadows and naturalistic landscapes, have recently announced their new meadow mixes for 2019.

With a reputation for innovation and quality, built over the last 20 years working on projects for Local Authorities, housing developers, visitor attractions and many others, it's no surprise that the new meadow mixes are already proving popular.

The new 'Dragonfly' annual meadow mix, inspired by its iridescent namesake, offers an unusual combination of purples and yellows with orange and ivory tones. The delicious sounding 'Marshmallow' annual meadow mix meanwhile is a dreamy combination of delicate pinks and white.

Jonathan Wild, Commercial Director, says, "We know that people look to grow meadows not just to benefit wildlife, but also for the stunning visual impact they can have – particularly in urban settings such as roadsides and around



new buildings. With these new mixes, we are offering our widest range of designer meadows ever, allowing our customers to choose the perfect meadow for their project."

In addition to a fantastic range of seed mixes and PM Turf, Pictorial Meadows also offers design and consultation services, bespoke meadow mixes, and a trade discount. You can order a brochure and view their range at: www.pictorialmeadows.co.uk or give them a ring on: +44 (0)1142 677635.

Are you looking to create more living space for a fraction of the cost of extending?



Warwick Buildings Ltd have been constructing timber sectional buildings for over 30 years. We are one of the market leaders in supplying timber garden offices and garages around the whole of the UK. We are a friendly and innovative company, winning Small Business of the Year for Warwickshire twice.

Based in Warwickshire, Warwick Buildings construct all their own buildings at their manufacturing site, using environmentally-friendly timber sourced from Scandinavian forests, through companies registered with the FSC and PEFC (Programme for the Endorsement of Forest Certification).

Warwick Buildings' offices part of the business was launched around 10 years ago, beginning with our Traditional Office, which has a cottage-style feel. We have continued to expand our range in line with the market, introducing the Contemporary and Modern offices and our uniquely designed Curved Roof office. Our most recent additions to the range are the budget Pod offices.

All offices are fully insulated and have first fix electrics included and come with a range of different roofing, door/window and cladding options.

The timber garages come in a range of sizes in Shiplap or Feather-edge cladding, with different options for roofing and doors.

By combining practicality and aesthetics, Warwick Buildings provide an attractive, invaluable addition to your living and working space.

For further information visit our website: www.warwickbuildings.co.uk or come to our show site at Long Itchington in Warwickshire, where you can see a selection of our buildings.



Superior quality designer meadows from seed and PM Turf based on 20 years of research and development

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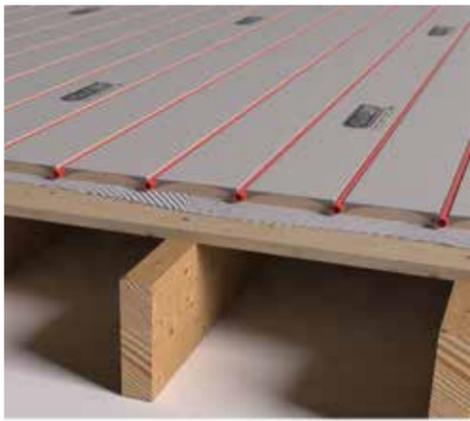
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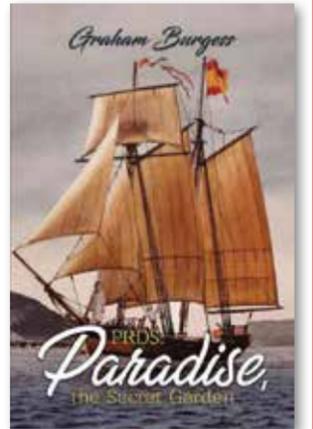
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Densostrip™ Protection at Bridlington Omnia Bridge

One of the earlier Omnia Bridge Deck Units in use is that forming part of the Bridlington Integrated Transport Plan. PBS Construction Ltd from Hull were awarded the contract to construct the road bridge now in use over the Gypsy Race at Beck Hill.

Omnia Bridge Deck Units were used in the design of the bridge deck and Winn & Coales (Denso) Ltd supplied Densostrip™ and Densostrip Primer™ to seal between the supporting steel beams and the



Omnia Bridge deck planks. Denso Primer DTM and Densostrip 60™ Tape were then used to seal the joints between the precast concrete planks.

The use of these materials prevented any grout loss when the in-situ concrete was poured to form the bridge deck.

Contact
T +44 (0)20 8670 7511
www.denso.net

ThinCats delivers funding facility to SML Group

SML Group has secured funding from ThinCats to complete the purchase of specialist rail surveying company, Geo-Info Limited to drive growth in this sector for SML Group Ltd. This is the largest acquisition that SML Group has made to date in its ambitious on-going buy-and-build strategy. The deal sees SML Group realise the opportunity to extend its expertise into the rail sector and drive the diversification of its client base, whilst also increasing capacity, resource and geographic presence.



The group already has a strong presence in Wales, Peterborough and Leicester, where the business is headquartered, and the latest acquisition extends the reach of its out of rail services to Geo-Info's operational footprint in Edinburgh, Swindon and Mullingar, Ireland.

The SML Group is the holding company for a group of businesses dedicated to the land, building and valuations surveying sector. Its foundations were firmly established in 2007 through a dedicated subsidence monitoring company that recognised that the sector needed to innovate and transform. SML Group is one of the only companies in the UK that can offer a full breadth of services covering everything from traditional surveying to specialist subsidence monitoring and its property data services are designed to deliver exceptional cost savings to the valuation and insurance sector.

Geo-Info specialises in underground mapping and surveying to the rail and engineering sectors and operates across England, Ireland and Scotland. Since its inception in 2012, the company has gained several industry accreditations, shown considerable growth and engaged in numerous large, well-publicised rail projects.

Tom Harpin, Managing Director of SML Group Limited, said, "This acquisition will enable us to compete with the top surveying businesses in the country, with a substantial market share and over 100 staff. Rather than being content to consolidate our position in the market, the ThinCats facility has given us the additional working capital we need to accelerate our growth."

He continued, "We had received a number of offers from other lenders, but what made ThinCats stand out was the human aspect. I felt that they were genuinely interested in what I had done before and what I am looking to achieve in the future. We definitely look forward to building our relationship and to working with them again on further acquisitions."

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The additional stainless steel clamp ring for the DallBit version guarantees maximum resistance to wind load and prevents loosening of the roof membrane from the drain.



Suited to bitumen, FPO-PP or PVC roof membranes, the Renova roof drain fits inside all standard downpipe sizes ranging from 75mm to 160mm. The body of the Renova roof drain is so compact that it can be fitted in virtually all old drains without difficulty. It is ideal for renovation projects involving either the laying of new roof membrane or extra layers of insulation.

Installing the drain requires fewer steps than removing the old roof drain. Due to shorter installation times, the renovation costs with the Renova retrofit drain can be significantly reduced.

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At DPPS Contracts, we pride ourselves on being an international construction company with a wealth of experience in all aspects of the construction industry. Having large contracts in formworks, groundworks, paving and construction on our portfolio. A selection of such can be found on our website: www.dppscontracts.com

Our UK head office in Essex, and have recently acquired a large yard and office space on the outskirts of Edinburgh. We also cover projects in areas from Shetland Islands to London ranging from 20k to 4-5 million.

And our Irish head office based in Donegal, Ireland. This is a prime location for covering both the Republic of Ireland and Northern Ireland. We currently have sites in Belfast, Derry, Dublin, Cork, Sligo and Donegal. Project's ranging from 20k to 3 Million.

We have worked with companies such as BAM, SISK Group, Carey Group, SIAC, Tusk Group, Corramore, KN Networks, Grahams, Gilbert Ash and JJ Rhatigan to name a few.

We are a large sub-contracting company, with 10 years of experience in the Republic of Ireland, Northern Ireland and the UK. We pride ourselves on safety, quality and results. We have a massive capacity for work and currently have up to 120 men employed in the UK, having worked in the UK mainly London for the past 5 years.

In 2017, we began working in Ireland again. We currently have a work force in Ireland between 80/100 employees. This has led to us having a 100% record for completing projects on time, with 80% of projects completed early. Given the nature of tight programmes we feel we can offer a valuable service to main contractors. We have had no reportable accidents in the last 4 years.

We currently have a Concrete Division, Groundworks, Masonry Division and Labour hire division. Our concrete division includes foremen with more than 10 years' experience and high quality carpenters and finishers. We have a dedicated engineering design team to supply temporary works drawings and calculations if required on any given projects.

We recently completed a €2.5 million concrete frame for JJ Rhatigan, at the University College Cork, we have 2 hotels in Dublin where we are taking on full groundworks and concrete package work worth €1.8 million & €2.6 million for Sanderson's and McNamara's respectively.

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Net-Zero Building Supplies Ltd. also carry a range of EPS insulation products all using Flame retardant grade EPS. We supply slab foam for Slabs up to passive standard and we have just launched our I-foam hybrid warm roofing panels.

Using our sister Company Net – Zero Homes Ltd. we can now offer a shell build solution, providing all the services

from design, building regs drawings and shell construction to include the foundations, ICF walls and roof.

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For further information, please contact Stephen Campbell on: **+44 (0)7771 311311** or email: **netzerobs@gmail.com**.



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HL Plant: Building site safety in Scotland



HL Plant was founded in 1991 and specialises in safety crash deck systems. The company provides the G-Deck system, which can be used as a trestle system, tower system and a crash deck system.

The G-Deck system is the strongest and most versatile crash deck currently available on the market. It can hold up to 600kg per metre square and can go from heights of 0.5 metres to 3.6 metres.

The G-Deck is lightweight and consists of flat panels either one metre square or half a metre square, which sits on top of a firm, scaffold-like base, creating a stable 'floor' inside the building for workers.

The newest version of the system is G-Deck Lite. This is specifically for use where the artificial floor is not going to be subject to heavy loads. It can go from 1 to 3 metres high and take up to 200kg per metre.

Lloyd Hutchison, Managing Director of HL Plant, said, "Over the last couple of years, we have seen a rapidly increasing demand for this safety system. There are other systems on the market but this is the best in our view. It is a very lightweight and easy to use and is having a lot of success with the builders."

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Table is data of the Luxeon chipsets and not of our values.

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The Van Insurer reveals customers' Top 10 Vans

Investing in a new van is a big decision to make. Between the different makes and models, varying specifications, questions about fuel consumption and insurance costs to consider, it's hard to decide what's best for you and your business.

Insurance comparison website The Van Insurer has crunched its quote data from the last 12 months to find the most popular vans amongst those looking for insurance cover.

The data also identified the favourite vans amongst electricians, builders, carpenters and gardeners, and it's clear that some vans are more popular with certain tradespeople than others.

Top 10 Vans of 2018

1) Ford Transit

The Ford Transit pipped all the others to the post to gain the top spot in 2018, with a third of quotes processed relating to the trusty Transit.

Boasting flexibility and adaptability, three load lengths and driveline configurations, to name but a few perks, it's easy to see why many van drivers would consider this one a worthy winner.

In fact, it was the builder's vehicle of choice, with the largest percentage of overall quote requests for the Transit coming from builders. Gardeners also favour the Transit, with this van proving to be the most popular with green-fingered drivers.

2) Vauxhall Vivaro

The second most quoted-for van last year was the Vauxhall Vivaro. Vauxhall prides itself on offering practicality and efficiency with this little mover. Boasting strong styling and serious payload capacity, it's another van offering comfort and cutting-edge tech to support you while you're out on the road.

3) Ford Transit Connect

The Transit Connect was the second of Ford's vans to make the top three rankings.

Toughness, durability and functionality are just three of the features synonymous with this van. According to Ford, it's been given a sophisticated new look, comprehensively updated interior and more advanced technology than ever before, which seems to have paid off.



4) Volkswagen Transporter

The total quotes processed for the Volkswagen Transporter placed it firmly in fourth place.

Volkswagen's worked hard to ensure that this latest edition offers advanced engine technology that saves money and the environment. Coupled with the comfort and practicality you'd expect from the Transporter, clearly it's another top choice.

5) Mercedes-Benz Sprinter

The Mercedes Benz Sprinter came in fifth in our rankings. Mercedes believes it's plugged a gap in the market with this latest Sprinter edition. Claiming to offer new levels of individuality, productivity and efficiency, all customisable to the van driver's needs, it looks like their message really has got across.

Perhaps it's no coincidence that the Sprinter proved to be the

delivery driver's top van choice for 2018. Over 10% of quote requests for this nippy motor came from delivery drivers and couriers.

6) Vauxhall Combo

The Vauxhall's Combo van remains another firm favourite amongst customers, taking the sixth spot.

In addition to several award wins, Vauxhall likes to boast about the Combo's practical design, paired with a sleek and sporty finish. For practicality and efficiency, it's evidently a good choice.

7) Citroen Berlingo

Following hot on the heels of the Combo, the Citroen Berlingo came a very close second to the Vauxhall favourite, with only slightly fewer quotes generated.

If you're looking for versatility and a van that will take you

from work to play, this is probably it. Space, comfort and modularity come as standard with this van, which explains why its spot in the top 10 is justified.

Painters and decorators seem to share this view, as it was The Van Insurer's most quoted-for van by those in the trade last year.

8) Renault Traffic

The Renault Traffic took eighth position in the countdown of van drivers requesting quotes.

Renault claims that the needs of the van driver have been put first with this edition, which offers numerous variants and impressive fuel efficiency. It's an award winner too, making it another worthy top 10 entry.

9) Volkswagen Caddy

Volkswagen's second top 10 entry belonged to the Caddy.

It's another van that offers impressive technology as standard, from adaptive cruise control and an in-built parking system to safety systems that give you peace of mind. It's a great little mover that's just inside the top 10.

Improved tech obviously has appeal for sparkies, as more than 6% of electricians requested quotes last year, making it the most popular van for that sector of the trade, according to the online insurance comparison website.

10) Ford Transit Custom

The third Ford van to make the top 10 was the Transit Custom.

Ford claims the latest evolution maintains its toughness, functionality and reliability but now delivers an even wider range of innovation and smart technology. It's clearly another Ford favourite that deserves its top 10 status.

The Ford Transit Custom is a firm favourite amongst carpenters, as nearly 6% requested insurance quotes last year, the highest from that demographic.

Contact

T +44 (0)330 022 7724
www.thevaninsurer.co.uk

*The Top 10 list comprises the vans for which The Van Insurer received the most quote requests from January to December 2018.

Over 25 years of engineering excellence

GLW Engineering was first established in 1992 as Joe Bloggs Engineering by Geoff White and his business partner. After they parted ways, Geoff and his wife continued running the business, which became known as GLW Engineering in 1997. Currently based in March, East Anglia, the company prides itself on being a construction industry specialist, celebrating over 25 years of business and extensive engineering experience and expertise.

Operating in an extensive range of areas, GLW Engineering can provide staircases, handrails, platform, structural steelwork, shot blasting, sand blasting, soda blasting, and most recently powder coating. They are able to powder coat aluminium, mild steel, galvanised steel, and stainless steel. What's more, GLW Engineering can consult with their clients regarding bespoke requirements, creating one off solutions which are tailored to a customer's needs. These clients can include single self-builders as well as larger companies and contractors.

Indeed, GLW Engineering has experts in all areas of their business, and use 3D CAD design facilities. Where they truly shine, however, is in custom build objects in mild steel, aluminium, and stainless steel, all of which are built to the highest standard.

One of the company's most highly sought after services is shot blasting, which prepares steel work for a protective coating to be applied. By removing surface contaminants, it creates a surface

profile for increased coating adhesion.

Their soda blasting technology is suitable for cleaning timber, wood, oak beams, oak floors, doors, stairs and bannisters, cars, boat hulls, masonry, food processing equipment, and structural steel. It will efficiently remove and clean multi-layered surfaces right down to the base, eliminating the need of toxic chemicals, scraping, sanding, or abrasive blasting. Soda blasting is safe to use on metal, fibreglass, glass, chrome, rubber, and trim, and can degrease and remove paint without damaging or distorting metal.

We had the pleasure of speaking to Geoff White, Managing Director, about what makes GLW Engineering stand out from the competition. "We are a family-run business, offering quality as well as quantity."



We are always proud of what we do and have a passion to continue doing it well into the future. Our main goal is to maintain our high quality services and to strive for longevity.

"A key advantage of GLW Engineering is the fact that we don't specialise in one thing, meaning we are always busy. We can offer engineering excellence in a large range of areas while consistently focusing on quality and a passion for what we do. In our eyes, the customer always has to come first, and so our service is second to none."

Certainly, it seems that the only way is up for GLW Engineering. After moving to new workshops six years ago to accommodate their growing trade, the company is now running out of space and looking to expand again due to an ever-increasing customer base. If you would like to find out more information on their full range of services, head to their website or use the contact details below.

T +44 (0)1945 464637
info@glwengineering.co.uk
www.glwengineering.co.uk



H Bell and Sons banks on Polyflor for indoor market transformation

A selection of Polysafe and Expona products were the floor of choice for H Bell and Sons as they undertook the transformation of a former bank building into a stylish new indoor market, complete with café and fresh food stalls.

Set in Rochdale Town Centre, the three storey, 1920s property has been turned into a brand new shopping and eating hub alongside the River Roch. Extensive work has been undertaken with the creation of a new atrium, a new roof and installation of lifts before reinforcing the floors ready for a selection of new Polyflor floor coverings including Expona Commercial Aged Elm, Polysafe Apex Chromite, and Expona Flow Smoked Oak. Expona Flow was fitted for the walkways and the

restaurant. Specifically created for very heavy commercial environments, the collection was the perfect choice as it encompasses beautifully replicated wood planks in a practical and durable vinyl sheet format whilst leaving a stylish, high-end finish. All Expona products are enhanced with Polyflor PUR, Polyflor's exclusive and robust polyurethane reinforcement which is cross linked and UV cured to provide superior cleaning benefits and a cost-effective maintenance regime.

Expona Commercial, fitted on the top floor, made the ideal choice as it is suitable for high traffic areas such as a restaurant or commercial shopping area. Created to

bring flooring solutions that are tailor made to suit the customers vision with reproductions of the widest range of natural and man-made materials combined with innovative modern finishes.

Sampling from all ranges can be ordered free of charge on the Polyflor website or by calling the Polyflor Samples Direct Hotline on: +44 (0)161 767 2551. All contain recycled material and are 100% recyclable via the Recofloor vinyl take back scheme.

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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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SPORTFIX® components installed at redeveloped UCC Mardyke Athletics Track, Cork City, Republic of Ireland

Excessive rain water has to be removed quickly and reliably from sports fields and competition areas. The SPORTFIX® drainage channels and other components offered by Hauraton comply with the latest standards and also meet IAAF requirements. It is essential sports facilities are designed and equipped to prevent serious injury to sports people if falls or accidents occur.

The University College Cork (UCC) has redeveloped their Mardyke Athletics Track in Cork City, Republic of Ireland. The new facility is part of a €10 million budget included a new synthetic eight lane, fully floodlit, running track built to the IAAF standard with an additional 3,720m² (40,000ft²) added to the original arena.



The arena now includes an indoor 60 metre running track, a performance analysis suite, two additional gym areas with over 140 additional pieces of the latest gym equipment and three additional fitness studios.

Hauraton SPORTFIX® drainage channels with aluminium finishing edges were installed around the perimeter of the IAAF, 400 metre track and along its straight. A steeple chase water jump kit was also installed plus Hauraton SPORTFIX® Sand traps and soft edging were installed around the long jump pit.

Tim Connolly, Managing Director of Hauraton Limited points out, "Our SPORTFIX® range offers products that not only meet the

requirements of the IAAF for athletic tracks, there are drainage components for artificial turf playing fields, service channels and retractable shafts for cable management with drainage systems for grassed football fields."

Specification information for the SPORTFIX® range, showing sizing and installation details, is available digitally on: www.hauraton.co.uk – under the SPORT tabs.

SPORT – SPORTFIX® Digital catalogue available on request via: sales@hauraton.co.uk. For case studies, go to: www.drainage-projects.co.uk



Hauraton high capacity channel system drains extensive car park at Skypark, Exeter

The Skypark Business Park is located just North of Exeter International Airport, Devon and East of the M5 off Junction 29. The Park is a Joint Venture Partnership between St.Moden, the UK's leading regeneration specialist and Devon County Council.

The development, when complete, will cover 130,200m² (1.4 millionft²) and comprise of office, industrial and manufacturing premises. Ancillary retail development and a hotel are also planned as part of the scheme. Set in landscaped grounds, it includes numerous car parks requiring effective surface water drainage.

In this phased development, three sizes of the Hauraton RECYFIX® MONOTEC high capacity surface drainage system have so far been installed in the extensive asphalt car parks servicing Skypark Units 10 and 20.



145 metres of MONOTEC 100/230mm, 136 metres of 100/280 and 45 metre of 100/380. 100mm is the channel grating width and the internal dimension. The 230mm (overall height) channel model has a cross-section of 190.5cm², the 280mm, 245.5cm², and the 380mm, 355.5cm². The 326 metres of channel supplied provide a total hydraulic capacity of just over 7,717 litres.

Hauraton Limited introduced the MONOTEC system just over two years ago. Skypark joins the numerous installations successfully completed in the United Kingdom.

The MONOTEC one metre long channel component is of a sturdy monolithic design where the HEELSAFE grating and the tongue and groove linking system are integral to the channel moulding. The whole unit is



made of tough, virtually unbreakable polypropylene (PP) formulated to be very resistant to daily temperature fluctuations from frost conditions to strong sunlight, including the Ultra Violet (UV) spectrum. PP is naturally resistant to de-icing salt. Complying with the requirements of EN 1433, the PP is given its UV resistance by adding just sufficient stabiliser so that the structural strength of the material is unaffected and a consistent appearance is maintained. The MONOTEC channels have a loading category of up to Class D400.

Cat Jones, Hauraton's Project Manager for South West UK was particularly pleased with the comments she received from Sam Reed, Site Manager for G Works Construction, "Sam was surprised how strong and sturdy these MONOTEC PP channels were. Cutting mitres



was easy on site and no accidental damage to any component was experienced. The tongue and groove features on the channels provides easy assembly of the moulded components and facilitates the alignment of the channel run so reducing installation time for the groundwork contractor."

All Hauraton surface water drainage systems' comply with European Standards (hENs) and carries the CE mark."

For RECYFIX® MONOTEC product specifications, go to: www.hauraton.co.uk and then under CIVILS section.

For other case studies, go to: www.drainage-projects.co.uk

