

Building & Construction Review



Introducing Unblocktober

Lanes Group is delighted to announce the launch of Unblocktober, the world's first month-long national campaign and awareness month to improve the health of our drains, sewers, watercourses and seas – driven completely by you, the British public.

October, you commit to putting none of the following down your drains or toilets: cooking oil – pre or post-cooking, margarine, butter, lard, cooking sauces and condiments, food – even crumbs, and anything containing plastic – this includes wet wipes, tampons/ applicators/wrappers, sanitary/ menstrual pads and towels, nappies, condoms, cotton buds, contact lenses, bandages and plasters, razor blades, and dental floss.

To sign up to take part, visit www.unblocktober.org and simply fill in the form on the website. You'll then be sent a free resource pack that gives you all the information and advice you need to successfully complete Unblocktober!

www.lanesfordrains.co.uk

If you want to help reduce the amount of plastic entering our seas, rivers and oceans, and contribute to stopping the formation of environmentally damaging fatbergs, Unblocktober is for you. And it's totally free.

Unblocktober is all about making small changes to your habits that can have a big impact on the planet we all share. To get involved in Unblocktober, all we ask is that, for the whole calendar month of



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Install new Superglass and you're not just building new homes. It's like you're planting new trees.

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Has anyone ever put more thought into insulation?



A more intelligent approach to insulation
superglass.co.uk

Intelligent Environments
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Super insulation solutions with Superglass

Based in Stirling, Scotland, Superglass has over 30 years of experience in manufacturing insulation solutions for homes. The company exists as part of TECHNICAL, which has 53 manufacturing plants worldwide and is recognised globally as a leader in waterproofing materials, sloped roofing and heat insulation. Superglass offers thermal and acoustic glass mineral wool products tailored to the requirements of the customer while remaining aligned with regulatory standards.



When purchasing insulation through Superglass, you are not simply obtaining a product, you are investing in unrivalled expertise, attentive customer service and flexibility. Superglass looks at its customers as if they are partners, and works closely with them in order to find a solution that works as precisely and as feasibly possible. The approach that the

company has adopted is aptly titled Teamworks and revolves around the notion that the customer is at the centre of every action exacted by the company.

Insulation can be a tricky business. With health and safety regulations ever increasing, and the technology that goes into construction constantly evolving, ensuring that insulation methods are up to date and workable is imperative. Superglass manufactures glass wool insulation, which comes with a number of thermal and acoustic benefits, chief among which is its flexibility which allows it to wrap the envelope of the building more comprehensively than rigid board solutions can. This helps close the gap between anticipated energy efficiency of a home, and its actual performance.

As well as being malleable, glass wool is breathable which helps reduce the risk of condensation in the house or building.

All Superglass products have been awarded a Reaction to Fire A1 (non-combustible) when tested to BS EN 13501-1 which is the highest rating achievable. The term non-combustible is defined legally within the Building Regulations applicable to the UK and Ireland and it is only given to materials that display the highest quality reaction to fire.

Glass mineral wool is also a preferred option for house builders considerate of environmental impact, which these days are



most. Many housebuilders when constructing new builds have to meet energy efficiency targets, and comply with a certain level of eco-friendly regulations. The solutions often arrived at include solar power and heat pumps, however none of these will achieve their desired effect without the appropriate insulation throughout the house. With glass mineral wool, the insulated house can benefit from the optimal impact of greener energy solutions installed in the building.

Superglass is currently in the middle of a £37m refit of its Stirling production facility which will result in the production capacity of the site doubling over the next 12 months. The refit comes as a result of investment pumped into the company by TECHNICAL. Head of Marketing Bob Dalrymple explains "The integration of Superglass into the TECHNICAL group is opening up new routes to market internationally, plus access to all the capability, innovation and scale you would expect from a EURO2bn organisation."

The refit will see the introduction of a 187-tonne furnace, curing ovens, cooling, cutting and milling equipment being replaced and an automatic packing system installed. The capacity of work the facility holds will increase to 60,000 tonnes annually, making Superglass one of the largest manufacturers of glass mineral wool nationally.

The company saw a growth in its gross profit from 22% in 2017 to 37% in 2018, a testament to the excellent reputation the company has gained over the years. With increased sales volume, average selling price growth and operational cost efficiencies Superglass is flying well ahead of where forecasts predicted it would be. Chief Financial Officer



Theresa McLean said, "The results Superglass achieved in the 2018 financial year are positive. Returning to profit following structural and strategic changes for the business is, however, just the start of the journey."

Both short term and long term plans for Superglass involve overseeing the increased volume production that the company's Stirling facility is capable of holding and ensuring that the transition into meeting a larger demand is smooth. As well as this, Superglass aims to create more integrated offers to the trade across both insulation and roofing industries. This October, Superglass will be attending the UK Construction Week at the NEC in Birmingham, for those of you visiting or exhibiting make sure you visit Superglass. For more information on Superglass and its products or to get in touch, see the details listed below.

Contact
T 01786 451170
www.superglass.co.uk



Architectural products inspired by design

Building and Construction Review is proud to feature Zoo Hardware for our **Product Innovation profile**, due to the company's steadfast dedication to producing only the highest quality products at the most competitive prices on the market.

Founded by Robin Graham in 2010, Zoo Hardware is based in Carlisle, Cumbria, and has grown from having six to over 40 employees in the last nine years. In 2018, Tyman Group's UK division, ERA, acquired Zoo Hardware and Robin became a non-executive director at ERA.

As a designer and supplier of architectural door hardware, Zoo Hardware offers door handles, knobs, locks, cylinders, door closers, hinges, and much more. All of these are produced to the finest quality in aluminium, brass, steel and zinc, never compromising on quality for cheaper prices.

Zoo Hardware's expert in-house design team is fully qualified in all aspects of design and production, aiming to supply innovative, stylish and cost-effective hardware solutions to architectural ironmonger merchants, who supply these products to premises in the UK and worldwide.

With advanced design facilities at its Head Office, Zoo Hardware can create, manufacture and deliver state-of-the-art products, which are constantly updated to fit with current design trends and to ensure the company remains ahead of the competition. These product ranges cover all aspects of architectural ironmongery, and Zoo Hardware never settles for anything less than top quality.

One such range is Rosso Maniglie, an exclusive range of Italian inspired designer levers, produced using a zinc base material and manufactured to excellent standards. This outstanding range takes designer levers to the next level, featuring contemporary aesthetic appeal. Indeed, it has quickly become the first choice for homeowners, architects and housebuilders in the UK and Zoo Hardware is now expanding its successful lever on round rose by introducing new lever designs. These include the all new square rose as well as standard and narrow backplates, additions which will allow any project to be furnished throughout using one complete range.

Another of Zoo Hardware's notable ranges is Fulton & Bray, a range of door and window furniture in an array of styles and finishes, making



it ideal for both period and contemporary properties. Whether you are looking for the perfect fittings to complement a renovation project, or whether you are in need of classic accessories to finish a masterpiece, the Fulton & Bray range is guaranteed to more than satisfy your needs.

Produced with traditional and classic designs in mind, this range of fine brass furniture offers the aesthetics of traditional hand-crafted products with a high level of technical detail and manufacturing. Fulton & Bray products are fashioned using a superior forging process, which sees a tremendous exert of pressure used on heated pure brass to ensure the resultant products are free from any imperfections. These are then hand polished before receiving a high temperature lacquered coating.

Undoubtedly, Zoo Hardware understands its customers' reliance on quality and delivery for their success and ensures it never disappoints. In fact, customers are constantly

looking to Zoo Hardware's design and sales teams for future hardware products, in order to keep themselves and their customers happy.

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
www.zoohardware.co.uk



Glass & Glazing News

SWA member's supply and fit success on Leicester redevelopment

The redevelopment of a former industrial building in Leicester involved a Midlands-based Steel Window Association member, Monk Metal Windows, who provided a supply, fit and glaze package for the main contractor, while coordinating closely with other trade sub-contractors and the architectural consultant, Gordon White & Hood (GWH) Architects.

14 Deacon Street in Leicester has been converted into high specification student accommodation with Monk Metal Windows being awarded the £200K contract under competitive tender.

With the old single-glazed Universal Section frames already removed, the steel fenestration specialist undertook a detailed survey of every opening across the four floors to the building. Adhering to a 16-week lead period, Monk Metal Windows' workshops produced a total of 600 individual frames to fit the 88 separate openings. These included pivot and fixed light frames which were then bolted together on site, prior to glazing.

All frames were hot dip galvanised to offer an extended working life and finished with a factory applied, RAL 9010 White semi-gloss polyester powder coating. To offer compliance with Part L of the Building Regulations, the 16mm IG units were made up of two 4mm panes of glass with a Low-E coating to the inner, and Krypton gas filling for the 8mm cavity.

The architect who led the project for GWH Architects, Mr Jon Sayers, commented, "This was a detailed conversion project for a private client. As it involved a listed building, we not only wanted to keep faith with the steel windows in the main elevations, but also replaced the timber framed fenestration around the courtyard using W20 steel frames. The accommodation now includes studio flats as well as two and three bedroom apartments."

Barry McCabe of Monk Metal Windows added, "Having surveyed the elevations to the Deacon Street building and manufactured the 600 bespoke frames required, our site team carried out the installation over

a four-week period, following an agreed sequence from the third floor down to ground level. All of the new windows were perimeter sealed by us with a matching silicone seal – leaving everything secure and weather-tight."

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 your steel windows and doors ensures that you are receiving the highest standard of fabrication, installation and customer service.

For further information on the Steel Window Association, please visit www.steel-window-association.co.uk or call 020 8543 2841




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Maximise cleaning performance with MaxVac

Building and Construction Review is proud to announce MaxVac as the recipient of our **Product Innovation Award** for their outstanding product the MV 2000 Vanguard.

MaxVac, in partnership with Addex Group, was established in Switzerland in 1998. MaxVac was created to provide maximum performance equipment for dust management and environmental cleaning solutions for street cleaning and public facilities. The company prides itself on providing sustainable, ecologic and innovative equipment for its customers.

The MV 2000 Vanguard is an electrical street cleaner and the ultimate solution to hygienically collect and clean any waste type. Revolutionising the waste cleaning industry, the MV 2000 Vanguard is the product of green efficiency and innovative technology.

The innovative design contains various features that have put the MV 2000



Vanguard ahead of its competitors. With modern automatic self-cleaning filters and a constant water suppressant sprayer, an automatic fire safety system and a pressure washer system that is able to eliminate excreta and liquid substances from paths and walkways, the MV 2000 Vanguard's innovative, versatile design was created with the customer in mind – adaptable for streets, factory floors and shopping/leisure centres.

Due to its Swiss manufacturing and design, the MV 2000 Vanguard is built to last and maintains a long efficient lifespan, while working at the highest standard possible. "The guarantee of high standard performance gives our customers peace of mind that the MV 2000 Vanguard will continuously perform at the top of its range throughout its ownership and provides a good return investment. The MV 2000 Vanguard has gained a great reputation for its reliable services and when it is properly maintained the MV 2000 Vanguard will give you over 10 years of top quality service," said Gary Plahe.

One of the best benefits of using the MV 2000 Vanguard is its environmentally friendly approach to cleaning and the economic benefit. The MV 2000 provides an ecological cleaning solution for the maintenance of public areas and being completely 100% battery powered, the MV 2000 produces zero CO₂ emissions. "Street sweepers have certainly come a long way from their 'turn of the last century' roots. It makes sense for us to invest in these sweepers as we like to keep the town centre as clean as possible for our visitors and



businesses alike." – Cabinet member for Clean and Green Environment.

As opposed to other cleaning vehicles that use diesel, the MV 2000 is an electric machine and is therefore a preferable option for many customers including: airports, local authorities and schools. "The product contains high levels of safety and with its automatic cleaning system and dust management, it is safer for the operative and the public." Gary continued, "The MV 2000 has an on board fire safety system and emergency break."

Through its increase in safety features and efficient, versatile design, the MV 2000 is the perfect cleaning tool for many different industries and is used for removing litter, detritus and debris from any surface. With its easy control design it can clean around tight corners, obstacles and other street furnishings.

The efficiency of the MV 2000 Vanguard surpasses any other form of waste management, providing low to zero maintenance and performing at the operative man power of five. The MV 2000 Vanguard cuts staffing cost and through its noise pollution volume of nearly silent, the MV 2000 is adaptable for use day or night. Gary told us that the MV 2000 Vanguard is "Equipped with intelligent computer control technology, the battery

powered MV 2000 Vanguard provides up to 18 hours of independent operation."

Providing a full host of services for its customers, MaxVac ensures that they provide the best solution for customers through their services and products. "Our team assists our customers throughout the whole process, from enquiry to after sales service." Gary stated, "We want to ensure that our equipment is always performing at the highest level possible and we provide a full service including spare parts and regular maintenance."

MaxVac will be attending the Recycle and Waste Management Exhibition in September 2019 at the NEC Birmingham. The company will also be attending InterClean in Switzerland in 2020.

For any more information please see the details below -

T 01432 346850
www.max-vac.com



brickfab

GRP Products

Brickfab create the best prefabricated building products on the market through innovation, investment and consistent quality, making it easier than ever for their customers to build quickly, efficiently and safer, with great long-term performance. Working to the principles of lean manufacturing and continuous improvement, Brickfab differentiates itself through service, innovation, quality and commitment.

Their vision is to be the first choice for their people, customers, suppliers and investors. To enable this, their whole approach is fair, honest, hardworking and innovative. The company has grown to 80 employees and serves many of the UK's national and regional housebuilders, builders' merchants and architectural practices to build better homes. The team supports clients with excellent customer service, regular meetings with procurement stakeholders and site visits to ensure their customers are able to have input to product design and Brickfab fully understand customer needs. Minimising customer effort, Brickfab offer free-of-charge takeoffs, 2D/3D CAD drawings and competitive prices.



Whilst being a market-leading manufacturer of brick products, the company also incorporates Brickfab GRP Products. Backed by BBA & CGFMA certification and their own 10yr warranty, their brick-effect GRP chimneys are complemented with render and stone effect finishes. The speed and ease of install is further helped by factory fitted lead to provide a complete chimney for site. Brickfab are the only UK manufacturer proudly able to offer both BBA and CGFMA certificates on both brick-clad chimneys and full GRP chimneys.

With dormer and bay roof options, the GRP range is completed with a range of 4no door entrance canopies; a variable width flat canopy, a variable width decorative flat canopy with kneelers, an apex canopy and a mono-pitch canopy. The latter two can be made ready for tiling on site or with a GRP roof.

Sales Director Robert Evans explained, "We keep things simple for the customer, working hard on product quality, product design and a consistent, prompt delivery aim. It's about ensuring the customer has a design they literally approve of, followed by the delivery of great products when we said we would. Our expertise and manufacturing capability means we're able to design solutions for site or translate drawings into prefabricated products. Either way, we help builders build"



01495 759555

sales@brickfab.com

www.brickfab.com

Pour some style into your home with The Poured Project



Building and Construction Review is proud to announce that The Poured Project has received our **Commitment to Excellence Award**.

Established in 2018 by husband and wife business duo Claire and Andy Pedley, The Poured Project offers stunning, seamlessly finished concrete solutions for wickedly stylish interiors and exteriors. Andy's background in restoration and bespoke design gives him notable knowledge on the complexities of producing designs that exceed the realms of expectation. With a small team well versed in the intricacies of concrete production, The Poured Project offers standard and bespoke solutions that fit the needs of the customer down to the last nail.



The company produces its designs from its studio facility in Yorkshire from which deliveries can be made or arranged to almost anywhere nationally. The flexibility with which The Poured Project can meet designs and requirements is symptomatic of the skill necessary to produce a range of products as effortlessly beautiful as its own. The possibilities that come with bespoke design are endless, a rule that applies particularly to a company as customer focused as The Poured Project.

Co-founder Claire Pedley told us that the company "enjoys bespoke, the more complex the better". Seldom will you find a company with an attitude as accommodating as this, The Poured Project doesn't simply offer bespoke solutions, it thrives on it. The kind of passion and excitement that the company pours into its creations is the kind you would hope to see from any company offering bespoke solutions. However, many fall short.

The process that The Poured Project adheres to upon manufacturing its designs is highly unique. Every stage of the company's production process is carried out by hand, including all of its wooden moulds, which are carefully carved with the kind of delicate expertise that can be expected coming only from those with years of experience. Each basin is mixed before being poured by hand and the spinning machine is a cement mixer, it's shaped by the hand made moulds. After which it is cured and treated (if necessary) before being installed with outstanding professionalism and efficiency.

All the materials used in the construction of The Poured Project's products are locally sourced, and added with reliably effective additives which enhance durability. The high-density concrete that The Poured Project uses is of the highest quality and is created in the company's busy workshop. The concrete is naturally water resistant and has been produced in such a way as to withstand extreme temperatures. Having the ability to be poured and cured at a depth of less than 10mm renders the design process unchallengeable in its versatility and presents The Poured Project with the opportunity to create a multiplicity of concrete shapes and forms.

The company's broad spectrum of pigments allows the customer to be as artistic as they feel they want or need to be when it comes to their colour palette. With a standard range of 14 colours it's unlikely the company won't have something to suit the customer's needs, however if there is a particular colour a customer desires The Poured Project's range of pigments and skilled artistic prowess can undoubtedly find the customer the solution they need.

Currently, The Poured Project offers eight products: kitchen sink cube, kitchen sink box, ark basin, round basin, rectangle basin, mini cube basin, mini rectangle basin and

duplex basin. Despite all of these designs being elegant in shape and in colour, notable favourites among customers are the mini cube, mini rectangle and ark basin models. The ark basin in particular is incontrovertibly eye catching. The oval shaped basin offers a striking aesthetic scarcely found among companies that offer similar products. Coming in a host of colours and with a lead time of four weeks, the basin is a must have for those wanting their homes to shout sophistication.

By the end of the year The Poured Project aims to introduce to its product line a concrete bath. Currently there is no UK manufacturer of interior concrete solutions that creates baths; subsequently the majority of concrete baths used in the UK are shipped from Europe or America. This kind of forward thinking will inevitably add to the gleaming reputation that The Poured Project has already garnered and maintained. The Poured Project currently works with seven major retailers and hopes to extend this to 10 over the next 12 months.

Being family run and hailing from the heart of Northern England, The Poured Project is built on a rigid set of values. Those values help drive the business and contribute to the company



ensuring that customers are never left feeling anything short of satisfied. If you're looking to inject a little style and modernity into your home then look no further, The Poured Project has exactly what you're looking for. For more details on The Poured Project visit its website or get in touch via the details below.

Contact
T 01977 673488
info@thepouredproject.com
www.thepouredproject.com



STAND OUT FROM THE CROWD WITH ENGEL 'SAFETY'



No matter what the job, if it involves working out in the open, day or night or whatever the weather, it's important to be easily seen.

Engel Workwear offers a comprehensive collection of water and wind resistant, high-visibility, protective outer-clothing which caters for almost every work situation helping wearers to keep both safe and comfortable whatever the circumstances. Made from fluorescent Polyester or Polyester and cotton

mix suitable for industrial laundering and all fully complying with European and International safety and protection standards, the Engel 'Safety' range consists of jackets, trousers, bib-overalls, boiler suits, safety vests, sweat shirts and for the warmer months, T shirts and shorts.

But to be prepared for colder snaps, especially whilst working during the night, the COMBINE shell jackets with an inner zip-up layer give added

warmth. Available in all sizes with many of the items specifically designed to be especially comfortable for women, the Engel Workwear 'SAFETY' collection is available predominantly in fluorescent orange or yellow with 'LOXY' reflector bands for maximum visibility.

For more details visit: www.engel.eu/en or contact Gareth Bladen at gbl@f-engel.com or on +44 (0)7759 520034

Head and Eye Protection become one with the new EVO®VISTA™ Helmet from JSP

The new EVO®VISTA™ Helmet is an innovative next generation feature rich helmet which incorporates a fully retractable optical class 1 faceshield or overspec within the helmet. JSP's Research and Development team were inspired by feedback received from people who regularly have to wear head protection alongside eye protection.

A common theme was not only the compatibility issue but also the amount of eyewear lost or damaged on site after issue.

The EVO®VISTA™ Helmet has not only been designed to meet a standard but to exceed it on many levels. It combines a super strong ABS shell with the choice of either a EVO®VISTAlens™ or a EVO®VISTAshield™ depending on the levels of protection and performance required. The EVO®VISTAlens™ functions like a spectacle but offers increased levels of protection to EN 166B 2C-1.2 FT and the EVO®VISTAshield™ conforms to EN166 2C-1.2 with impact rating of grade AT. Both are optical class 1 and have anti-mist and anti-scratch coatings offering impact protection at extreme temperatures and UV protection.

The new technology of the fully adjustable pivot arms in the EVO®VISTA™ Helmet allows the lens and shield to be deployed outwards and over prescription spectacles unlike similar systems that require helmet adjustment to fit.

JSP prioritise the needs and safety of the wearer and the safety cell concept of the EVO®VISTA™ Helmet with the dual shell technology demonstrates this commitment by providing additional protection. The safety cell prevents ricocheting debris travelling up the eyewear and being in contact with the scalp as well as preventing the faceshield or overspec from impacting the scalp should it be forced back on impact.

The EVO®VISTA™ Helmet is fully compatible with JSP respirators such as the Force™8 PressToCheck™ and the Sonis® helmet mounted ear defender range. The benefits of having eyewear integrated in the helmet which is fully retractable and protected from scratching when not in use, easily deployed when needed and fits anyone with prescription spectacles will save companies money, time and worry.

Contact <https://jspsafety.info/EVOVista>



Tiling News



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Hauraton high capacity drainage systems installed at Port Sunderland



The Port of Sunderland now boasts some impressive infrastructure and associated services. Municipally owned and situated on the south side of the River Wear, the latest wharf facilities now allow for multi materials handling. A fleet of fork lift trucks, from 4 tonne to 29 tonne capacity have a wide range of attachments to meet all cargo handling requirements. Additionally, a drop-sided HGV, an articulated tractor unit and two 40-tonne low-loaders are also available for transportation of cargoes within the port estate.

Designed to resist the rigours of site work, 180 metres of Hauraton RECYFIX®

HICAP® 8000 high capacity channels were installed to drain the wharf area.

Factory fitted with 14mm wide slotted ductile iron inlets, the channels comply with a loading class of F900 so can easily take the weight of the fully laden vehicles employed. Importantly, once installed the complete channel system is highly resilient to the twisting forces imposed by their wheels.

The RECYFIX® HICAP® one metre channels used each have a water capacity of 171.4 litres so the 180 metre channel system installed is able to accept a water volume of 30852 litres. Trash boxes to match the

channels were also supplied.

For Case Study go to www.drainage-projects.co.uk



Hauraton surface water drainage system installed at new automotive showrooms and servicing centre

Developed by CJ Automotive Group, the £9.5 million Lightcliffe automotive dealership showroom complex and servicing centre is the first in Wales to have all the Volkswagen Group car and commercial vehicle brands; Volkswagen, Audi, Skoda and Seat on one site.

Nearly 700 metres of Hauraton RECYFIX® PLUS 100 Type 010 surface water drainage channels, factory fitted with ductile iron HEELSAFE 6mm slot grating to loading Class

D400 were installed at the new VW Group dealership at The Point, Llandudno Junction, Wales.

Each RECYFIX® PLUS channel component is moulded from 100% recycled polypropylene (PP) with galvanised steel pressings permanently fitted along the exposed top edges. Channels supplied to the VW site were factory fitted with 6mm slot HEELSAFE ductile iron gratings. The gratings on both channels' and access points' being treated

with a corrosion resistant coating (KTL). This treatment is absorbed by the ductile iron, allowing Hauraton to give a life time guarantee against rusting alleviating any concerns raised by consulting engineers, Rolton Group.

Main contractor, the Watkin Jones Group commenced work on this project in 2013, handing over the finished prestigious complex in May 2014. The new showrooms aim to provide 200 new job opportunities to

the Llandudno area.

Ian Burton, the Hauraton project engineer was pleased that ground-workers found the RECYFIX® PLUS easy to install, "With each one metre channel assembly only weighing 10.9kg one man could lift and position each unit during the installation phase".

For more details and project support please email: technical@hauraton.co.uk or phone: 01582 501380



Friendly Hauraton surface drainage system installed at Dogs Trust Manchester Re-homing Centre



Dogs Trust is the UK's largest dog welfare charity which cares for over 17,000 stray and abandoned dogs each year. The charity's latest facility at Parkway, Denton, Manchester, was opened in October 2014 and designed by Peter Napier and Co to be a place where families can visit, explore and have fun before, hopefully, adopting a new pet.

The new Dogs Trust Manchester Re-homing Centre includes kennels for 61 dogs with abundant space allocated for indoor and outdoor dog exercise areas. The Centre's buildings are designed to provide visitor friendly facilities for training sessions and demonstrations



on how to improve dog behaviour. Visitors will also be able to learn more about different breeds and their responsibilities as owners.

Of course, keeping the kennels and exercise areas clean, fresh and hygienic is a major consideration in the design of such a facility. Contractors McPhillips were keen to provide the best possible surface water drainage system, so asked Hauraton to supply their recommended channels for trial at the Trust's Loughborough Centre. Hauraton specified FASERFIX® KS 100 channels fitted with FIBRETEC® moulded gratings. The test installation proved very successful and with everyone liking the product, the KS surface

drainage system was chosen for the Manchester project.

FASERFIX® KS channels are made from Fibre Reinforced Concrete (FRC), and for this project, were specified with stainless steel pressings permanently moulded along their exposed top edges making the whole unit resistant to any cleaning fluids used.

The material, PA-GF is used to make the FIBRETEC® grating. This was developed by Hauraton some years ago and has proved itself in numerous demanding drainage applications. The fibre reinforced plastic moulding is corrosion resistant and offers high stability and huge strength for its weight. Indeed the Class C250 (BSEN 1433) 8mm slotted grating, can take the weight of a commercial vehicle if necessary. With emphases on detailed design, the grating is very appropriate for use in areas where a visually appealing and chemically resistant product is important.

Each channel assembly features the company's patented SIDE-LOCK boltless fixing system which allows for quick fitting or removal of the gratings.

For example, 10 metres of 0.5m long gratings can be fitted or removed in about 70 seconds – a big advantage if the channels need clearing.

Ian Burton the Hauraton project engineer commented, "With 240 metres of FASERFIX® KS 100 channelling supplied for this project, together with 23 matching trash boxes we were pleased the specification more than met the requirements of the Lead Designer, Contractor and Dogs Trust Manchester Re-homing Centre".

For more details about the project please email: technical@hauraton.co.uk or phone: 01582 501380



Quality audits score a clean sweep

Following a rigorous 2-day assessment, TC Facilities Management (TCFM) has successfully passed three external management systems audits including the new ISO 45001:2018 standard. This and the other new 2015 versions for ISO 9001 and the Environmental audit ISO 14001 were all passed without any non-conformities or observations, emphasising the commitment of TCFM's senior management to these standards.

The audit took place over two consecutive days and

included a comprehensive review of company policies and processes. This was to assess TCFM's approach to the quality (ISO 9001) and safety (ISO 45001:2018) they provide to their customers and colleagues, as well as the measures they take to minimise TCFM's environmental impact (ISO 14001) from their operations.

The new ISO 45001:2018 is believed could help, on a global level, save more lives, reduce accidents further and improve employee morale. Organisations have until March 2021 to make the transition to the

new standard that came in 2018, replacing the BS OHSAS 18001:2007. TCFM's achievement in making the transition to the new standards is testament to the work of TCFM's Compliance Manager Richard Grafham who championed the transition. It also emphasises the senior management's commitment to these standards.

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Training News

Here's why you should become a Mental Health First Aider



At any given time 1 in 4 people will suffer a mental health problem. That means every day you will meet someone at work, bump into someone at the supermarket or be sat next to someone on public transport who are dealing with depression, anxiety or stress just to name a few. You are likely be totally unaware that someone will have a mental or psychological condition, as unlike most physical illnesses, the signs of poor mental health aren't always easy to spot.

That's why Total Training deliver Mental Health First Aid (MHFA) England training courses to teach people to spot the signs of mental health issues, offer initial help and guide a person towards support. The course won't teach you to be a therapist, but it will teach you to listen, reassure and respond, even in a crisis - and even potentially reach out to someone before a crisis happens.

Total Training's quality mental health training will give people the tools to keep themselves healthy and support each other. Whilst also offering 5 core benefits to any workforce:

- ▲ Build employees' confidence to have open conversations around mental health and break the stigma
- ▲ Encourage people to access support early when needed, for a faster recovery
- ▲ Empower people with a long-term mental health issue or disability to thrive in work
- ▲ Promote a mentally healthy environment, stopping preventable issues and allowing people to thrive and become more productive
- ▲ Embed a long-term positive culture across the whole organisation, where employees recognise their mental and physical health are supported as equal parts of the whole person.

"The course was very insightful, and a huge eye opener. With the level of course detail, the content started to hit home as I began to notice symptoms I knew people had" Said Liam Jacob, Employer Engagement Officer. "I opted to complete the course due to having worked with people with mental health issues and knowing people personally within my family who also struggle with poor mental health. I now have a greater understanding of mental health and I'm able to support those around me".

If you would like to find out more information on becoming a mental health first aider head to Total Trainings website. Alternatively, get in touch using the contact details below.

T 0121 706 0851
www.total-training.uk.com







people will suffer from
a mental health problem.

Become a qualified Mental Health First Aider

With our Mental Health First Aid course you will become part of a community of over 350,000 people in England who are trained to recognise mental ill health and help people find the support they need to stay well.

Developed by MHFA England, this two-day course will qualify you as a mental health first aider. You will gain a deep understanding of what mental health is and what factors can affect wellbeing. The course will teach you practical skills to spot the signs of mental illness and will give you the confidence to step in and support a person who needs assistance. MHFA won't teach you to be a therapist, but it will teach you to listen, reassure and respond, even in a crisis – and even potentially stop a crisis from happening. At Total Training we have a course running every month, so you too, could be part of mentally healthy working work. To get involved, and for more information contact Total Training today.



Contact Us

info@total-training.uk.com • 0121 706 0851 • www.total-training.uk.com
 365 - 369 Olton Boulevard East, Olton, Birmingham, B27 7DP



How can you avoid these 5 common mistakes made in safeguarding your assets, staff, customers and visitors?

#1 Not identifying your security needs

By far the biggest mistake businesses make is not clearly defining what the risks, either potential or actual, are for all of the stakeholders that have touch points with your business that you need to guard against.

To avoid this risk tap in to the expertise on offer from an SIA accredited security service provider that is approved to supply manned guarding services will mitigate against this.

#2 Not securing or controlling access points

To limit the security risk ensure that all access points are secured, controlled

and fitted with the best security systems. Because the fewer active access points you have, the more secure your business will be.

#3 Not securing important areas

Neglecting to protect business data and other confidential information often held in important areas of the business, such as computer server rooms and places with critical documents, is another mistake that businesses sometimes make.

To avoid this common business security mistake, consider securing these sensitive areas by installing biometrics access systems together with security video

systems to be a deterrent of theft.

#4 Not enforcing ID requirements

Failing to enforce ID requirements is another business security mistake. This can also pose a risk whereby non-authorized persons can have access to important areas in the business and can lead to thefts in the business.

So, to avoid this business security mistake,



you have to enforce ID and badge requirements. Both these two items are effective when it comes to controlling access points.

#5 Not protecting personal information and company property

Since the introduction of GDPR the number of data breaches have significantly increased due to a variety of reasons. One cause of this, according to reports, is that in some places a "clear desk" policy is still not being followed.

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Our customers' opinion really does matter to us

With more than 2 decades of experience in providing FM solutions Chris Black, Operations Director for TC Facilities Management (TCFM) shares the results from the latest Customer Feedback Survey.

Good business practice dictates gathering feedback from customers to understand the reality of what people really think of a business.

As part of our commitment to our customers, 2019 has marked the year that we have done precisely that by opening the window to listen to feedback from our customers.

We designed and developed an online survey and listened to the responses from almost 20% of our customers who responded to the invitation to take part.

These responses have helped us understand 10 key indicators of what our customers think and how they feel about our approach and the services we provide to help them make their businesses a safe

and great place to work.

We are delighted to hear that our customers consider that we have both a good knowledge of the industry that we operate in along with the day-to-day issues that each business faces. This is no mean feat, as we support businesses in a vast range of sectors: retail, manufacturing, pharmaceutical, technology, automotive, leisure and corporate offices.

For those wondering whether with TCFM operating in over 5000 sites, how quickly we are able to respond to issues? We heard that 3 out of 4 people feel that we respond quickly to their needs.

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TC Security Services safeguarding Avison Young

Since early January 2019, TC Security Services, part of TC Facilities Management (TCFM), have been providing guarding and mobile patrol services to Avison Young (formerly GVA). The portfolio, covers multiple and diverse locations across London and the South East.

TC Security Services welcomed 20 new colleagues to the business from a number of incumbent suppliers.

The contract commenced on 2nd January and client feedback about the mobilisation, led by Patrick O'Sullivan, Operations Manager, is very positive.

Alan Prince, Director, National Strategic FM for Avison Young commented, "We ran a full-blown tender to make sure we appointed the right security specialist to manage this diverse portfolio of properties. Against a wide range of criteria, TC Security Services came out in front. As a new supplier, there was an added element of risk, but nearly four months after go-live, we're delighted with the decision to appoint them.

In response to the award, Satia Rai, Operations Director of TC Security Services

said, "Having been awarded the contract for guarding and mobile patrol services with Avison Young, we committed the resource necessary to ensure the mobilisation was seamless. We've implemented best in class technology that will provide TC Security Services and Avison Young with data and analysis to shape better decision making."

Tony Reed, CEO of TC Facilities Management added, "This award is a great result for the business and demonstrates ongoing growth for TCFM as a whole. We look forward to being Avison Young's partner of choice, adding value and providing the expertise that Avison Young need each day."

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Multiple new customers with £3 million sales secured

TC Facilities Management (TCFM) has secured multiple new customers for the delivery of Cleaning & Window Cleaning Services in the Wholesale, High Street & Commercial Office sectors across the UK.

The contracts, worth £3 million per annum, will see over 300 colleagues join TCFM up and down the country since the contracts started going live from 1st March, 2019.

The Operations team from TCFM, jointly led by Jason Smith, Head of Operations for Scotland and Cosmin Tecuta, TCFM Contract Director, will deliver cleaning services to over 100 sites for 14 new customers. The contracts have been awarded based on TCFM's proven track record spanning over 55 years, along with their ability to listen to the bespoke needs of each customer towards delivering what is really needed.

As one of the UK's top cleaning services providers the new operating environments will benefit from TCFM's rigorous systems and state-of-the-art technology to help maintain and improve standards

in each site along with delivering robust monitoring and management reporting to each customer.

Keith French, Business Development & Strategy Director, TCFM, who led the contract win said, "We are delighted to have been awarded these contracts and are looking forward to bringing our proven expertise to each and every customer along with playing our part in making each site a great place to work & visit."

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Celebrations with a lot of heart

We're all celebrating smashing the TCFM £5K challenge, after just 5 1/2 months of the charity partnership going live.

This has been achieved through a number of activities, but most notably bagging up unwanted toys, clothes, CDs, books, DVDs and a whole host of other household items that are then sold in the BHF charity shops across the country.

Everyone has tried to get on board to help our charity partner, the British Heart Foundation. They conduct ground-breaking research in to heart and circulatory diseases and their causes.

The remainder of the year will see colleagues at TCFM continue with the BHF's Bag it! Beat It! campaign along with other activities that are being planned on

a more local basis.

BHF were selected by TCFM as a way of providing more than just their specialist services to the charity's network of Furniture and Electrical stores where we professionally clean every item of donated soft furnishing.

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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.



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.

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MOSSCREEK

Building a new home is not only one of the largest financial investments that a homeowner may make in a lifetime, but also one of the most personal. During the design of a new home, each consideration can be a review of who you are as a person, who you aspire to be, and what mark you want to leave on this earth... an opening of the soul that can establish new benchmarks of awareness.

MossCreek understands this. We are a group of skilled individuals dedicated solely to the design of rustic American style homes. Because we're not a drafting or architecture firm, we can offer more. Our small team of talented professionals affords you personal access to every member of the firm and the unique talents that each brings to the project. At MossCreek, we design some of the most unique and authentic luxury log homes, cozy log cabins, and custom timber frame homes in the country.

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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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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

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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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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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!!

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on our combined experience of over 40 years in the industry. We provide a service that can take you from pre-option site risk assessment to post development monitoring and through our network of associates covering all types of habitats and protected species.

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David Ogilvie Engineering is a family run business of over 30 years and one of the country's leading designers and manufacturers of street, park and memorial furniture.

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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 barbequed 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

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."

Contact
T +44 (0)1494 792000
enquiries@thehdgroup.co.uk
www.hdservicesltd.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
t: 01932 862473 e: kitcheninthegarden@landscaping.co.uk
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Wonderwall: Modern planters for indoor or outdoor use

Wonderwall are one of the UK's leading producers of unique decorative garden products, comprised of a skilled team of passionate designers. They are most renowned for their planters, for use indoors and outdoors, and which can be used to create an array of stunning designs. Each planter is easy to use and resilient to all weather types in light of the planters' durable and weather proof material. Wonderwall's ground-breaking design has allowed gardeners to bring life back into a drab urban space, transforming the bleak into the beautiful.

The planters not only look stunning, but are also unrivalled in their design, providing a self-watering



function that enables gardeners to maintain large displays with little upkeep. This allows them to focus their attention on the look of the wall, bringing their imaginations to life and creating their own masterpieces.

The company have truly revolutionised the simplicity of producing a fantastic, potted wall that brings the wonder of nature into any modern space. So if you would like to get your hands on one of Wonderwall's vertical planters, take a trip to your nearest garden centre. For any further enquiries, or if you would like to get in contact with Wonderwall, feel free to telephone them on the number to the right.



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Resin Bound: The permeable driveway everyone is asking for!



Resin Bound is the fastest growing surfacing application of the last 5 years and is ideal for commercial and residential use. It is being embraced by specifiers, developers and surfacing contractors who recognise the sales opportunity it represents.

Permeability is a major plus point. Fully SUDS compliant, resin bound meets planning requirements – making it ideal for new builds and renovations.

It is also a stunning alternative to block paving, macadam concrete or loose gravel and, thanks to its hard-wearing, natural finish, it ticks many of the boxes customers want regarding appearance, longevity and low maintenance.

DALTEX UVR system is BBA accredited
 Derbyshire Specialist Aggregates is the manufacturer of DALTEX dried aggregates, the UK's No 1 brand for resin bound.

DALTEX dried aggregates are meticulously dried and screened to produce a high quality product which combined with DALTEX UVR resin deliver a beautifully consistent finish.

The DALTEX UVR resin bound System has been awarded certification by the BBA (the British Board of Agrément). The Certificate is recognised by building control, government departments, architects, specifiers and industry insurers. It's a mark of quality, safety, reliability and fitness-for-purpose.

Derbyshire Specialist Aggregates offer the largest range of aggregate colours, sizes and shapes and the new DALTEX Bespoke range consist of 40 stunning colour blends – from rich reds to stylish greys to soft golden browns.

The company offers 100% stock availability and keeps thousands of tonnes of raw material and finished product ready for next day delivery – nationwide.

Derbyshire Specialist Aggregates is committed to promoting the very highest installation quality and runs a one day resin bound training course from purpose built facilities in Derbyshire.

T +44 (0)1629 636500
sales@derbyaggs.com
www.resinbondedaggregates.com

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.

Contact
T +44 (0)1295 770000
www.lesan.com



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."

Contact
T +44 (0)1324 831500
info@hlplant.com
www.hlplant.com



At Lee Sanitation we have over 30 years experience in the sanitation business, starting in the Leisure Marine market and expanding into Sewage Pumping Installations and Commercial, Domestic & Industrial Equipment.







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Intoto Design Limited offer independent catering design solutions to develop the kitchen and bar designs. As an independent company we offer completely unbiased advice that fit with the client specific catering requirements and brief. Specific responsibilities include kitchen, ventilation and complete bar/cellar and servery design, competitive tendering and project monitoring. Our experience over the years has given us much repeat business, recommendation and a proven track record and portfolio.

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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www.intotodesign.com

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@mittek.co.uk



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We are joining forces with Silux Control®

BLE Lighting and Power Ltd is excited to announce that we are partnering with Silux Control®.

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weekly, monthly, bi-annual and annual tests are available with date/time options and the ability to print hardcopy reports.

BLE Lighting and Power Ltd will also be distributing the PRO-EM® Controller units to buy individually that can be used to convert standard luminaires into an emergency fitting.

"Our partnership with Silux Control® enables us to bring something truly innovative and unique to the emergency lighting market." Nick Swash, Chief Operating Officer of BLE Lighting & Power Ltd.

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Based in Stoke-on-Trent, Pizza Oven Supplies manufacture high-quality ovens at competitive prices by re-using discarded products from the pottery industry and then recycling them to make authentic, outdoor, wood-burning, brick-built Pizza Oven kits. We have recently added new designs to our already extensive range of pizza ovens, giving you even more options to choose from to create your perfect, bespoke outdoor kitchen area.

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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.

Dallmer Ltd
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www.dallmer.com



Leisure Build News

First for fitness flooring solutions

Physical Company has been providing fitness solutions for 30 years.

In addition to standard rubber and vinyl products, Physical Company offers Ecore Athletic Performance products, developed to suit every training type. Whether the need is for shock and sound absorption to counter the effects of regular weight drops and high impact movements, or quality, durable, artificial turf for sled tracks and functional training spaces, Physical Company offers an effective, affordable solution.

Working in partnership with many leading gym providers including Anytime Fitness, énergie fitness, Village Gyms, Glasgow Life and a multitude of independent boutiques, Physical Company has created some of the most impressive training environments on the market, fully integrating the floor into the overall design and function of the space.

When developing a gym, choosing the correct flooring is a vital consideration both from a performance and aesthetic perspective. Exclusive partnerships with globally renowned manufacturers enables Physical Company to maintain a reputation as one of the leading gym flooring providers, with products to suit every need and budget.

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UK leading Bubble Badges

Dash Dynamics was set up by David Wilkinson, based in Preston, and specialising in the manufacture of resin domed badges, more commonly known as bubble badges. These kinds of badges can be seen everywhere around us, as logos on cars or throughout schools, hospitals and even within sports. Dash Dynamics' vast client base stretches around the world, with their clients as far as Europe, the US and even down in Australia.



These domed badges are incredibly resilient and long lasting, and they are the perfect way to show off your logo and branding. They are made with adhesive vinyl and polyurethane resin, and all badges are made to be scratch resistant, heat resistant and even UV stable. They can also be made in any shape, size and colour, matching each client's individual flair and brand.

Domed resin badges like these are in high demand by companies of all types, however manufacturers are few and far between. We spoke to David himself who explained, "Dash Dynamics are one of just 6 professional bubble badge manufacturers in the UK. We have managed to set ourselves apart thanks to our very fast turnarounds and ability to produce small batch volumes of badges. In addition, we are also constantly investing in the latest technology and machinery and are currently organising new cutters, printers and doming machines."

T +44 (0)1995 606158
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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 its full range of products available, head to the website or get in touch using the contact details below.

Contact
T 01454 620500
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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 its 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 its 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





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