

## Building & Construction Review



### Bauder showcases sustainability solutions at Futurebuild

Leading flat roof manufacturer, Bauder, will once again be returning to Futurebuild at the ExCEL in March. After the success of last years' exhibition, Bauder is thrilled to be returning to one of the industry's most prominent exhibitions with an exciting new flat roofing system.



Bauder provides a range of flat roof waterproofing solutions to make buildings watertight, insulation for thermal efficiency, solar PV arrays for renewable energy generation and green roofs to support the environment and create better living and working spaces for

along with the full insulation offering. The main feature will be the Bauder BioSOLAR system which is a revolutionary solar PV mounting system for biodiverse or extensive green roofs. A key element of the BioSOLAR system is that the front edge of

people. Bauder's most recent addition to its solution offerings is BauderBLUE. This blue roof system has been developed to alleviate flooding in flood sensitive areas in accordance with SuDS legislation.

the PV panel is set at around 300mm above the level of the substrate, which allows liberal growing room for the extensive vegetation without blocking light to the polycrystalline solar cells that would otherwise reduce the efficiency of the panels.

Bauder will be exhibiting on stand D100 from 5th-7th March 2019. Our Product Managers and Flat Roof Technicians for waterproofing, insulation, green, blue and solar PV solutions will be on hand to discuss current and upcoming projects. We look forward to seeing you there.

T +44 (0)845 271 8800  
info@bauder.co.uk  
www.bauder.co.uk



Zoo Hardware  
See on page

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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.



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](http://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.

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

### 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.leesan.com](http://www.leesan.com)



Bulmer Brick & Tile  
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Pictorial Meadows  
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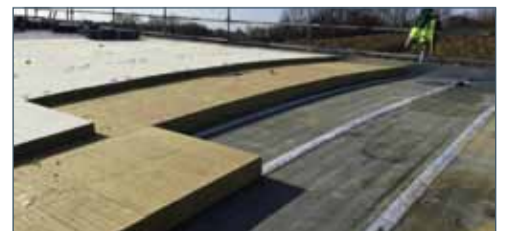
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Bauder  
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# The Bulmer Brick & Tile Company: Experts in everything brick

Building and Construction Review are delighted to announce that The Bulmer Brick and Tile Company Ltd have been awarded **The Lifetime Achievement Award** for their bespoke range of handmade bricks.

The Bulmer Brick and Tile Company are a family-run business first set up in 1936; that are renowned for their traditional, handmade bricks, which are fired in a coal burning and draught down in kiln allowing them the distinctive finish that blends well with the original London clays bricks. Having produced bricks for reputable clients such as the National Trust, English Heritage and Historic Royal Palaces, the company are able to craft their brickmaking for both private and commercial developments their aim is to continue the traditions of brickmaking on this site which dates back to the middle ages, their facings and specials can be made with almost any texture; with 150 different sizes of facing



and a range of over 5,000 special shapes, including all standard plinths, squints and copings and extends to purpose made chimney bricks, terracotta, mullions, jambs, floor bricks, pammets, decorative plaques, garden edgings and a full range of rubbing blocks. The Bulmer Brick and Tile Company also offer Peter' Minters' 'The Brickmaker's Tale' for £33.00.

The Bulmer Brick and Tile Company Ltd always keep a stock of the standard sizes but most historic



buildings have a character of their own, which can only be preserved by providing the correct size brick in a range of colours that will successfully blend with the original. Therefore, the company work closely with builders, architects and surveyors where possible to ensure that the bricks that they produce are right for the building and meet their customers' requirements. The Company can work from photographs and samples, and they are able to come to the site if required. Production lead times vary depending on complexity.

Committed to providing an outstanding service to clients, The Bulmer Brick and Tile Company Ltd go to great lengths to ensure that no matter the application, each client is getting the most out of their brick solution. From the preliminary selection through to quotation and commissioning, you are guaranteed of committed, proficient, safe, secure and personal support from The Bulmer Brick and Tile Company Ltd, who will tailor how they design their brick and tile products in order to meet with your requirements.



If you would like to get in contact and find out more about their specialist brick and tile designs, then do not hesitate to pick up the phone today.

Contact Peter Minter,  
T +44 (0)1787 269232  
[www.bulmerbrickandtile.co.uk](http://www.bulmerbrickandtile.co.uk)



## Commitment to Excellence

### Wild Hart: Transforming the way we experience the outdoors

As part of this issue, Building and Construction Review is delighted to reward Wild Hart, formerly known as Classic Pod Company, with our **Commitment to Excellence Award** in light of their outstanding outdoors pods, green play spaces and superb gardens.

The Classic Pod Company was first founded back in 2016 by Nick Sneller, who boasts over 25 years of experience in Woodworking, cabin design and production. With a passion for not just the beauty of nature but its benefits too, Nick set up Classic Pod Company to provide handmade pods that would allow users to enjoy the outdoors and get back to nature.

After proving highly successful, Classic Pod Company was rebranded to Wild Hart in order to reflect the growth of the business, and the inclusion of gardens and green spaces to their services. Today, Wild Hart specialises in producing everything from playgrounds to play spaces, bespoke furniture, specialist gardens and their outstanding pods of course.

Wild Hart's playgrounds emphasise the need for natural play, combating the lack of green spaces available for children across the UK with play spaces that incorporate nature and greenery. Stimulating, safe and fun for children, the playgrounds have been popular with schools, local councils, leisure parks, camp sites and much more. Where Wild Hart really shines though is in their exceptionally clever Pods, which are perfect for those looking to go camping, glamping, or just enjoy the outdoors from the comfort of a pod. The pods are eco-



friendly, insulated, feature double glazing and a 12V lighting system, and above all provide users with the perfect relaxing escape.

We spoke to Nick about what we can expect from Wild Hart next, to which he explained, "We have just launched our highly innovative Octa-Pod which is named for its 8 sided structure. Because the Octa-pod is modular, it is extremely customisable, with users able to build the pod the exact way they want." With a kitchenette, space for a double bed and bathroom, the Octa-pod is revolutionising the way we experience nature, bringing all the creature comforts of a home to the great outdoors.

Wild Hart also design therapeutic and beautiful gardens, with their Wild Play Garden winning a number of awards,

including the Gold Award, Best Show Garden and People's Choice Award at the RHS Show. The hand-crafted Wild Play Garden is a 17m by 35m garden, designed with Nature therapy in mind, and purpose built for a school for autism. In the same vein, Wild Hart have also built sensory gardens with plenty of plants, foliage and flowers, especially for care homes. These gardens exude full, blooming scents, rich colours and hues, and a number of different textures to awaken the senses.

If you would like to find out more about Wild Hart, be sure to ring or email Nick using the details below to see how he can help bring your outdoor escape dream to life.

T +44 (0)7971 869058  
[nick@wild-hart.co.uk](mailto:nick@wild-hart.co.uk)  
[www.wild-hart.co.uk](http://www.wild-hart.co.uk)

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*"Revitalise your ability to re-engage with nature"*

# WILD HART

**PLAY**

**CABINS**

**HOME**



# High End Lofts: Not your typical trader



Building and Construction Review are extremely pleased to announce that High End Lofts have been awarded the **Commitment to Excellence profile** for its outstanding services to the Loft Conversions industry.

Loft Conversions have seen a huge boom in recent years. With the housing market being as expensive as it is, many people are opting to 'go up' instead of move to a larger house.



People are realising that they can add huge amounts of equity to their property, spending 40-50k including V.A.T. and adding 70-100k to the value of their house by creating a loft conversion.

They can enjoy all the added space without having to get to know new neighbours, they can keep their children in their current schools and cause minimum upheaval to their lives.



High End Lofts Ltd was founded by Tom Tierney and Chris Masters in 2017 with Tom being in the building trade for 20 years and building lofts for customers for the last 10 years. Tom is a staircase maker by trade, a skilled job requiring lots of accuracy, and fell into the loft trade almost by accident.

He fitted a staircase for a father of two who had been deserted by his builder, taking the payments and not returning to finish the job.

Tom stayed on and finished that job, rescuing the homeowner from his predicament, and word of mouth did the rest.



Now after ten years in the trade and having completed nearly 300 lofts he knows the loft building industry inside out.

We spoke to Chris who explained, "We founded our company on trust. We're well aware of the frustrations of dealing with builders and people want a builder they can rely on and who is honest to them from the start. It's well known that builders can be economical with the truth, shall we say, and we are determined to buck that trend. Customers trust us, because we tell the truth from the outset. We strive to be open and honest."



"Our services cover Loft Conversions and Extensions in the East and North London areas and we're perfectly happy to do some of the customers' smaller jobs along the way; if they need a porch built or a bathroom refitted, we can work that into the build."

"All in all, working with our customers to achieve their dreams has taught us how important it is to be dependable. It's something our customer's value highly."

**Contact**  
T +44 (0)203 011 1440  
[www.highendlofts.co.uk](http://www.highendlofts.co.uk)





# GLW Engineering: Specialists in Construction Services

GLW Engineering was originally set up in 1992 by Geoff White and a fellow friend, with the company known as Joe Bloggs Engineering. After 5 years, the partners went their separate ways and the company transformed into GLW Engineering as it is known today.

The family owned business is now ran by Geoff and his wife, who pride themselves in being one of the UK's leading specialists within the construction industry. The company were based in Wisbech for 14 years, but moved to March where they have been for the past 6 years. The company generally operate across Norfolk, Cambridgeshire, Lincolnshire and Suffolk, however larger scale projects are conducted nationally across the UK. Their vast client base is made up of single self-builders, SMEs and larger companies, contractors, architects, structural engineers and many business and private customers. Last year, they celebrated their 25th Anniversary in the business, owing to the whole team's experience and enthusiasm for the industry.

GLW Engineering specialises in providing products and services such as staircases, handrails, Structural Steelwork, shot blasting, sand blasting and soda blasting. In addition, the company have also recently added powder coating to their wide range of services; GLW Engineering can now powder coat aluminium, mild steel, galvanized steel and even stainless steel. Better yet, the company are also available to consult with clients on their bespoke requirements, tailoring their services to their needs. Essentially, the talented engineers at GLW Engineering can fabricate practically any metal



to high quality standards within their modernised workshop area. The company have had many years of experience in the design, manufacture and installation of fabrications, with all staff trained and well up to date within their sector, ensuring a professional, efficient and friendly service for all clients.

One of the company's most highly sought-after services includes their Shot Blasting. This refers to a method of preparing steelwork for a protective coating to be applied. It is best described as



preparing the surface material of a product for coating by first removing surface contaminants and providing a surface profile for increased coating adhesion. GLW Engineering use a range of different specialist equipment to clean, restore and protect all types of items.

The company's Soda Blasting service is perfect for cleaning anything from timber to wood, oak beams, oak floors, doors, stairs & bannisters, cars, boat hulls, masonry, food processing equipment and even structural steel. Soda Blasting is one of the best industrial cleaning methods, capable of efficiently removing and cleaning multi-layered surfaces all the way down to the base. Due to how thorough and reliable the cleaning is, Soda Blasting effectively eliminates the use and need of toxic chemicals, plus methods such as scraping, sanding and abrasive



blasting. Soda Blasting has also been made safe to use on metal, fibreglass, glass, chrome, rubber and trim. Not to mention, it can even degrease and remove paint without damaging or distorting the product.

Another facet of the company that the White's pride themselves upon is their outstanding Customer Service provision, which sits at the heart of the company. Everyone is guaranteed a full service, with the company working closely with all clients all the way from design to product to installation and after service support. Often times, clients may have an idea of what they need but nothing really concrete, with no blueprints or specifications. However a vision is more than enough for the GLW design team, who can take that idea away and return with the final product, ready for installation.

As one of the most impressive companies in their sector, GLW Engineering have many successfully completed projects to their name, covering metal railings, canopies, steel staircases, bicycle parks, silos and bins, steel gates, grilles, trolleys, benches, steel building frameworks, handrails and balustrades. Among their most recent accomplishments is the building of a unique and striking staircase in Norfolk, complete with lights running alongside each step and a transparent glass panel. Details on all this and more can be accessed on the portfolio section of the website.

On top of their professional dedication, GLW Engineering is also committed to becoming as energy efficient as possible, with solar panels and movement sensors on all of their secondary and low energy lighting. For further information or general enquiries, please visit the GLW Engineering website. Free quotes are available upon request through the website. Alternatively, you can contact the company via telephone or email.

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



structure in any quantity using their first class design service. As a long-established company, they are guaranteed to offer flexibility, time efficiency, and the ability to provide competitive prices that are suitable for all clients.

In addition to their many bespoke products and services, GLW Engineering use 3D CAD design facilities and can custom build objects in Mild Steel, Aluminium & Stainless Steel, all of which are built





## Europe's Leading Manufacturer of Odour Control & Biogas Cleaning Units

Anua Clean Air is one of the UK's leading suppliers of odour control and biogas cleaning units. Originally established in 1990, the business was recently taken over in 2015 by Ian Phillips, whom partnered with long term distributor Air Clean Srl. As a result of this takeover, the company is now world-renowned as a leading international supplier of patented clean air bio-technologies.



Specialising in the provision and maintenance of proven, high performing, clean, biological air filtration technologies, Anua Clean Air are accredited for providing first class biological air filtration technology with the lowest life cycle cost. Concentrating in odour control for waste water treatment, solid waste, VOC and food industry treatment plants, Anua Clean Air ensure that with every odour control/gas

cleaning unit, each client is getting the most out of their air-filtration technologies.

One highly sought-after product is the Mónashell bio-filtration system, a popular alternative to chemical scrubbing and carbon adsorption. Recognised for its optimal odour performance, this cost-effective cleaning unit generates a 67% footprint reduction and can

even treat high and variable concentrations of numerous organic sulphides. All of the bio-filtration systems which Anua Clean Air manufacture and install, including Mónafil and CrumRubber models have patented proven systems.

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### Leaders in Odour Control & Biogas Cleaning Units

Anua Clean Air International offers proven, patented clean air bio-technologies, which provide best-in-class process performance with the lowest utility and life cycle costs.

Anua Clean Air International manufactures and installs Mónafil, Mónashell and CrumRubber biofiltration systems. These are patented proven systems for the treatment of municipal and industrial odour and VOC air emissions.

We have tested and proven installations right across the globe with proven capabilities in air purification and odour abatement in a wide variety of sectors:

- Wastewater Treatment
- Food/Agri
- Municipal Solid Waste
- Pharmaceutical
- Petro Chemical
- Printing & Coating
- Other Industries



Please visit: [www.anuacleanair.co.uk](http://www.anuacleanair.co.uk)  
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## Leading Services in the Water Industry

H.D. Services Ltd was first established in 1984 by the current Company Director, Frank Harris. Based in Ashley Green, Bucks, the company pride themselves in saying that they are a family run business that operates throughout the South-East, offering solutions for sewage, water, soakaway and renewable heat. The company specialise in the design, supply, installation and maintenance of sewage treatment systems – which can be bespoke designed – the construction and development of boreholes and soakaways as well as the installation and maintenance of open loop ground source heat pump systems.



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 Renewable Heat Incentive and information on all services available. Consequently, the company have received great recognition at the National Energy Efficiency and Renewable Awards and achieved RHI Installer of the year for the South East and East of England regions in 2015 and 2016. They have gone on to be awarded High Commendations in RHI Installer and Small Scale Project of the Year categories in 2017 at the Energy Efficiency and Health Homes Awards.

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## Pioneering wellbeing programme wins Utility Week Award



"We work as a team and care passionately about the wellbeing of every colleague. A happy workforce delivers safer and better service, which is better for us, for Thames Water and for its 15 million customers.

"Receiving a Special Mention for the way we work with Thames Water as a partner was also hugely important to us, because we believe in delivering exceptional client support and value in all aspects of our service."

The wellbeing app asked field workers how they feel every time they start a shift. If they click buttons stating they are unhappy or very unhappy, they are offered confidential support from a professional wellbeing and mental health practitioner. Office-based staff can access the same support.

Since the initiative was launched, scores of colleagues have been helped with a range of problems, including relationship breakdowns, personal debt, and depression.

Most of the issues have not been work related, but the initiative has contributed to a significant increase in workforce happiness and a 57% reduction in recruitment churn, saving £1m a year in training and recruitment costs.

Insights from programme have informed development of additional training to enhance people management skills at all levels in the organisation and an innovative careers structure called Pathway to Success.

For the Utility Partner Award, Lanes could point to initiatives that supported Thames Water's strategic objectives, including collaboration to open the utility industry's first 360-degree video training theatre, joint agreements that have led major productivity improvements, and full support for the water utility's 'Bin it - Don't block it' campaign against FOG, wipes and plastic waste.

Lanes employs 1,100 wastewater maintenance professionals and completes more than 1,100 jobs a day for Thames Water, delivering services that include drainage surveying, drain and sewer unblocking, wet well cleaning, tanking, sewer repairs and sewer rehabilitation.

T 0800 526 488  
www.lanesfordrains.co.uk

Lanes Group plc has won a prestigious Utility Week Award for developing a ground-breaking wellbeing programme that combines digital app technology and practical help for colleagues in need.

The company, the UK's largest independent drainage and wastewater maintenance specialist, won the Health and Safety Award in the national industry awards at a ceremony held on 10 December in London.

Lanes was also a finalist for the Utility Partner of the Year Award and received a 'Special Mention' from judges for its 'outstanding development of partnership' in recent years.

Judges were impressed with the Wellbeing App and Practitioner Programme which allows workforce happiness to be monitored via a Wellbeing App and for professional support to be provided to any colleague if it is asked for.

Lanes has developed the initiative to support its work as the sole wastewater network services maintenance partner for Thames Water.

Andy Brierley, Lanes Group Technical Director, said, "Winning this Utility Week Award reflects the hard work done by our amazing team to drive health, safety and wellbeing in the workplace every single day.



# Hauraton Channels installed at Oldham Academy North



The new Oldham Academy North, designed by architectural practice Aedas Architects, is a spacious and colourful three storey building set in sensitively landscaped grounds. With the site being quite flat, and the building surrounded by paved and asphalted surfaces, it was essential rainwater is drained effectively.

with their black FIBRETEC® gratings' were chosen for this project as the grating's smooth appearance blended in well with the desired design effect."

Contact  
T +44 (0)1582 501380  
[www.hauraton.co.uk](http://www.hauraton.co.uk)  
[www.drainage-projects.co.uk](http://www.drainage-projects.co.uk)



A Hauraton RECYFIX® PRO 100 channel system, fitted with FIBRETEC® C250, 9mm slot gratings, was used by groundwork sub-contractor Westoak Construction to drain the paved playgrounds and asphalted car parks. The channels were also installed along parts the building's façade and across entrance doors to facilitate drainage.

The FIBRETEC® C250 HEELSAFE slot grating was specifically designed by Hauraton R&D engineers to enhance the flow of water into the channel. The slots are super smooth, elliptical openings with the moulded bars having slightly raised triangular bosses along their outside edges. As well as providing an elegant appearance, the feature ensures surface water is directed into the slots. This configuration also helps eliminate any cross-flow over the grating.

The RECYFIX® channel component is made from 100% recycled PE-PP. The six sizes offered are 160mm wide and range in height from 75mm to 201mm with the FIBRETEC® grating factory fitted on all models. As the largest unit is only 4.6kg, RECYFIX PRO channelling is easily handle and quickly installed on site.

Ian Burton, Hauraton's Project Engineer comments, "Light and dark grey granite paving blocks were used extensively to achieve a pleasing aesthetic appearance to the hard landscaping immediately surrounding the Academy buildings. Being particularly suitable for school yards and playgrounds, our RECYFIX® PRO channels'



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# Hauraton beat the competition at the Community Sports Complex in Doncaster

The Community Sports Complex in Doncaster has been imaginatively planned and built to the highest architectural standards. The development integrates sport and community facilities in a spectacular parkland setting. Doncaster Council is confident it will raise the town's profile locally, regionally and nationally and help to significantly increase the numbers of local people watching and taking part in sport and other community activities.

At the heart of the complex is a 15,100 capacity community stadium that incorporates an 800 square metre supporters bar, plus a 350 seat restaurant, a gymnasium and martial arts centre. The stadium is complemented by a separate floodlit six lane athletics track with two eight lane straights and its own covered 500 seat mini-stand. Other facilities include two floodlit reinforced and grass sports fields, 11

floodlit all weather pitches for five and seven a-side team games, a 10 acre public park and a 1,000 space car park.

The location of the Complex has meant particular attention was paid to rainwater run-off and pipe depth issues in general. WSP Consulting Engineers were appointed for this part of the project. In discussion with main contractors



Carillion, it was decided to use Hauraton injection moulded polypropylene RECYFIX® SUPER drainage channels around the perimeter of the stadium. 640 metres of channel was eventually specified, plus a further 340 metres of pitch-side drainage inside the stadium itself. RECYFIX® SUPER was chosen for being strong yet light enough to comply with manual lifting regulations. Subsequently, 250 metres of same channel was also used to drain walkways and around the five-a-side pitches. Hauraton also supplied the components for the athletic track water jump and the long jump sand trap.

Being such a large environmentally sensitive area, the car park drainage system was a particularly tricky problem. Colin Taff, Hauraton Applications Engineer explains, "The larger sizes of Recyfix® Super channel were initially considered for the car park. However because of its position and relation to the nearby lake it was essential the depth of the system was kept to a minimum. It was realised there could only be one outlet at the end of each run, located to one side of the car park. Using RECYFIX® SUPER would have entail installing too many trash boxes and deep pipe drains therefore a high capacity channel was the only practical solution. After further consideration our newly introduced RECYFIX® HICAP® system was found to answer the problem perfectly."

Hauraton's Sales and Marketing Director, Tim Connolly was very pleased with the feedback from the contractors, "Carillion seemed to be impressed with the ease and speed of installing all our systems due to the one man lift capability. Calls from site during and after installation proved these benefits to be the case. Carillion's site agent was pleased with the speed at which all the RECYFIX® channels had been installed, even those that were cut to shape, this apparently saved many man hours. The installing teams were also very happy 'much easier on my



back' and 'a lot less fiddly to install' were their comments. Asked how the Recyfix® products compared to other channel systems, the overwhelming response was; it was far better than larger, heavier units made from concrete and polymer materials because they enabled simplified installation procedures."

Tim concludes, "We are delighted that all concerned in the project found our product so 'installer friendly' and that the massive investment Hauraton have made in recent years in new products has been justified with much lower installation costs for contractors, as proved on the Doncaster project."

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# Wet leisure buildings for pools or spas by Aqua Blue Designs

Aqua Blue Designs have been at the forefront of this specialist area of design for several decades, and have been fortunate to have gained 24 awards for their projects along the way, in respect of their imaginative designs.

The company has a most extensive portfolio of these natatorium projects in both the private and commercial fields, including hotels, fitness centres, leisure centres, therapy clinics, competition pools, schools and private homes, across many countries.

They offer a personal service to customers and hold together the diverse trades involved in these rather demanding pool & spa buildings. The company aim

to create something unique in each design, and the service and support continue all the way through to completion.

Aqua Blue take on the complete project, including the design of a building suitable for this very corrosive atmosphere, plus everything from the pool itself to the heating and dehumidification system, and plant room.

If not on their own project, Aqua Blue is happy to work as designers & consultants to architects or developers. Aqua Blue has been asked on to the design team of such companies many times, such as when clients require a pool hall or other specialist area. They have also been called upon when such

buildings have failed through inadequate design by others.

Private leisure suites often include a swimming pool, spa bath, sauna & steam room, and some private clients are not content with a leisurely swim and instead want a complete fitness suite and fully fitted gym alongside. For really serious swimmers who may feel restricted by a typical domestic pool, the design includes a counter current device, so they can happily swim all day against a powerful current of varying strengths. It's the best way in the world to keep in good shape.

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Credit: panorama studios

One of Aqua Blue Designs award winning projects (in conjunction with R. Arwel Davies & Co)

## Artificial plants & trees for businesses



At Just Artificial, we work with interior designers, decorators, set dressers, architects and more to set your premises apart from the rest. Our artificial plants, flowers, and trees are highly realistic to look and touch, as well as being durable and attractive.

Our master craftsmen construct each one with painstaking care and attention to create exceptionally 'real' artificial trees and we offer bespoke solutions to suit the needs of your space, business and tastes.

Whether you need simple plants and trees that don't need tending to or you're going for a full artificial landscape with turf, hedges and more, we have existing products and the capacity to create custom designs for any need and budget.

We'll offer a no obligation quote to help you plan your projects and we can tailor our service to fit your needs.

Whatever your choices, we have the design experience and know-how needed to make you stand out. We can work with your design to make your premises look incredible, whatever the space and whatever the industry. We can even help you develop the design, drawing on years of experience.

Visit our mobile friendly website: [www.justartificial.co.uk](http://www.justartificial.co.uk) now or call us on: +44 (0)1524 858888 or email: [sales@justartificial.co.uk](mailto:sales@justartificial.co.uk) - we can offer discounts for trade on bulk orders and we know how to work with procurement managers and corporate buyers to help you finance your design. We'd love to work with you.

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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 right.



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**PARKING GRIDS FROM ECODECK**



Our ECO ground stability parking grids are mainly used for gravel & grass surface stability. They economically reduce the need for non-permeable deeper stone sub layers, which means no standing water or flood issues. Our products are 99% permeable – so they more than comply with all necessary sustainable and drainage regulations (such as the flood and water management act of 2010).

The 500 x 500 x 40mm grids maintain a sturdy and neat surface finish all year round for grass parking as well as gravel surface car parks & driveways.

By purchasing directly from ECODECK the manufacturer, you cut out all 'middlemen' and pay wholesale trade prices. Yes, that's right, we at ECODECK manufacture all of our products in the UK, using British recycled plastics. This is fantastic for both environmental & eco-friendly points of view and provides a very helpful solution in reducing ocean plastic waste problems as well as landfill too. We do use high quality tough recycled plastic materials to maintain a strong long-lasting product range.

Please visit [www.ecodeck.biz](http://www.ecodeck.biz) for further detailed information, and for simple & secure online ordering options – where you can just simply select the square metre amount that you require, and order for next day service.

Our pricing is generally based on £8 per square metre, which reduces on larger orders, all of which includes free delivery directly to your door.

Alternatively to visiting our website, call and speak with our helpful sales and customer service staff on: +44 (0)1773 875255 or +44 (0)7957 868809.



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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](http://www.pictorialmeadows.co.uk) or give them a ring on: +44 (0)1142 677635.**



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



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# Carpinus betulus 'Rockhampton Red' LOCHGLOW

Carpinus betulus 'Rockhampton Red' LOCHGLOW was a discovery that started as one seedling in a batch of several thousand at the forestry nursery of Geoff and Pattie Locke in Rockhampton, Gloucestershire.



It stood out because of its intense and rich autumn colouring that developed when autumn temperatures started to fall giving the striking effect of autumn orange to red vermillion leaf colour. Being careful growers wanted to test the variety properly they grew the seedling to many metres in height alongside their other

transplants and year on year it maintained these vivid characteristics. After almost 15 years of patient observation it was clear they had a marketable product. A subsequent discussion with Nick Dunn of FP Matthews suggested that they might have something really novel worth marketing that would create some excitement in the tree trade.

Genesis plant marketing took the product on and after a number of years working to get production up and running there are now suppliers in the UK and Europe and material working its way through to Canada and the USA.

Geoff and Pattie Locke have developed a web page with lots more images and history of the variety on the website: [www.mountpleasantfarmandforestry.co.uk](http://www.mountpleasantfarmandforestry.co.uk)



If you think you have found a new variety then Genesis provides a complete service to plant breeders including the

appraisal of new varieties whether that are a tree, shrub perennial or annual, Trial agreements, plant breeder's rights patent applications and marketing agreements and much more. See [www.genesis-plantmarketing.co.uk](http://www.genesis-plantmarketing.co.uk) for much more information on services and varieties.

Really marketable novel trees have been hard to find for many years the industry now seems much more alert adding novelty into their portfolios and we are looking forward to playing our part in that process.



**Suppliers in the UK**  
 Geoff and Pattie Locke at Mount Pleasant Farm & Forestry: [gimpff@gmail.com](mailto:gimpff@gmail.com)  
 Stephanie Dunn-James at FP Matthews Ltd: [Steph@fpmatthews.co.uk](mailto:Steph@fpmatthews.co.uk)  
 Simon Williamson at Ready Hedge Ltd: [simon@readyhedge.co.uk](mailto:simon@readyhedge.co.uk)  
 Henk Hubers Batouwe: [henk@batouwe.com](mailto:henk@batouwe.com)

T +44 (0)1621 874808  
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[www.genesis-plantmarketing.co.uk](http://www.genesis-plantmarketing.co.uk)



## Carpinus x betulus ROCKHAMPTON RED 'Lochglow'

This cultivar of Carpinus betulus was discovered by Geoff Locke at the family Mount Pleasant Tree Nursery, Rockhampton, Gloucestershire, U.K. It has huge potential as amenity, garden, arboreta, specimen and street trees. ROCKHAMPTON RED can also be used very effectively for screening trees, 'hedges on stilts' or more formal pleached lines of trees. Being of clonal origin, the specimens will have very good uniformity which is very desirable in such applications.

### Key Features:

- Very good uniformity
- Can be used for screening trees, 'hedges on stilts,' pleached look
- Grows fast and branches well
- Magnificent autumnal colours

**Genesis Plant Marketing Ltd.**  
 Langford Hall Barn, Witham Road  
 Maldon, Essex, CM9 4ST

**For enquiries or supply please contact**  
[enquiries@genesis-plantmarketing.co.uk](mailto:enquiries@genesis-plantmarketing.co.uk)  
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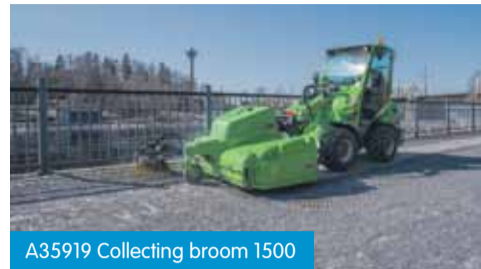
# The all-in-one Compact Loader

Established in 1999, AVANT Tecno UK Ltd has been importing and supplying high-quality, innovative, compact loaders from its UK base of operations in Bridgham, Norfolk and via its nationwide dealer network across the country.

AVANT Series Loaders are the UK's most versatile loaders and are offered in a multitude of power, lift height, speed and load capacities,



A37014 High pressure washer L



A35919 Collecting broom 1500



with greater customisation via a selection of attachments ensuring whatever the need there's an AVANT Loader solution.

We spoke to Raimo Ala-Korpi, Managing Director of AVANT UK.

"AVANT is the world's most versatile compact loader that's used in various end uses and industries, from building sites to landscaping and from farming to forestry. Due to its intuitive design they're truly multi-functional, creating a smarter way of working. They truly are a jack-of-all-trades."

AVANT are leading the way with their new edition. The new E-Series loaders are the first full electric loaders having all the benefits of previous loaders including the wide array of attachments, but cleaner, quieter and representing a much more environmentally friendly option.

"Fully electric AVANT loaders are the pioneers in the electric-wave in this industry, answering the need when emission free, low noise and versatile compact loader solutions are needed."

AVANT aren't shy in showing off their innovative loaders either, as you'll find them at all major trade shows across the UK. Their most recent shows at, Scotplant, Naidex, Saltex and BBC Countryfile were all huge success, and offer clients the chance to go hands-on with the loaders and talk to AVANT experts who can guide you through the process of choosing the right loader with the best finance deal available.

AVANT have no plans to sit still in 2018 and beyond.



## MULTI FUNCTION DRIVE UNIT

The new multi function drive unit replaces the earlier auger drive unit A21100. Avant auger drills and screw pile adapter are mounted on it as always, but thanks to the new design the multi function drive unit can also be fitted with various new attachments: concrete mixing drum, screw cone log splitter, screening drum, cable/hose reel, carousel broom and rotary hoe.

In addition, there is a 90 degree angle adapter available on which the drive unit can be mounted. It turns the drive unit 90° to the left. This means that for instance the carousel broom sweeps on the left side of the loader and the cable/hose reel is crosswise to the loader and winds the cable longitudinally (in parallel to the loader).

### TECHNICAL INFORMATION

Width	550mm
Height	560mm
Length	405mm
Weight	85kg
Product no.	A37190



"We're growing rapidly in the UK and our company has a clear vision on the future steps in the market. We'll constantly improve the processes to support the clients and our dealer network and we've recently added more staff to support our continued growth in the UK market."

To find out how AVANT's loaders and attachments can solve your maintenance needs contact them below.

T 0800 015 8482  
T +44 (0)1953 714896  
sales@avant.co.uk  
www.avant.co.uk



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# Polyflor launches new Adhesive Free Safety Flooring Collection



Polyflor, the leading UK Manufacturer of commercial and residential vinyl flooring, is delighted to announce the launch of the new Polysafe QuickLay PUR Collection. Polysafe QuickLay is a loose lay safety flooring designed for adhesive-free installation and is the perfect solution for busy commercial environments in need of a quick turnaround and where sustainable slip resistance is a priority.

scheme. Adhesive-free installation also promotes excellent indoor air quality and low VOC emissions which leaves a healthy environment that can be used straight away.

**Contact**  
**T +44 (0)161 767 1111**  
**F +44 (0)161 767 1100**  
**info@polyflor.com**  
**www.polyflor.com**

Designed to be a practical choice for contractors and specifiers alike, Polysafe QuickLay is a temporary or permanent floor covering which achieves the same performance and durability as other Polysafe flooring collections but with the added benefits of adhesive-free installation. The specially formulated studded emboss on the underside of Polysafe QuickLay works as a barrier, allowing moisture to escape from the subfloor – facilitating installation over new concrete floors of up to 97% RH. The unique double sided Polysafe QuickLay tape is fitted around the perimeter of the room, underneath all seams and doorways securing the flooring in place.

Polysafe QuickLay features a contemporary design in a tonal colour bank of 12 shades with a matt surface finish, providing a decoration suitable for dementia friendly environments, supported with the University of Stirling's Dementia Services Development Centre accreditation for the full collection. The DSDC is an international centre of knowledge and expertise dedicated to improving the lives of people living with dementia which offers a product accreditation scheme. The Polysafe QuickLay collection performs exceptionally well with 10 colours achieving the highest 1a rating and 2 colours achieving 1b.

Polyflor's UK and International Marketing Director, Tom Rollo comments, "From the outset the goal was to create a loose lay flooring product that would save installation time, eliminate the need for adhesives and make future replacement easier whilst still providing the sustainable slip resistance required from a safety floor. The new Polysafe QuickLay collection fulfils these requirements whilst also responding to the market demands for plain and tonal decoration products, suitable for specification within dementia friendly environments."

Designed for low maintenance costs, Polysafe QuickLay features the renowned Polysafe polyurethane reinforcement (PUR) cleaning enhancement. Cross-linked and UV cured, Polysafe PUR is a super strength reinforcement designed to facilitate even easier cleaning, whilst providing optimum appearance and colour retention as well as improved soil release.

100% recyclable, Polysafe QuickLay is a sustainable flooring choice, built to last but offering end of life flexibility – uplift and re-use or recycle via the Recofloor

**45+** R11 RAMP TEST  
Sustainable Slip Resistance

## Polysafe™ QuickLay PUR

A loose lay safety flooring designed for **adhesive-free installation**. The perfect solution for busy commercial environments in need of a quick turnaround and where sustainable slip resistance is a priority.

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# Want a safer, more comfortable way to use a Jack Hammer?

Concrete is tough and having the job of breaking it up, is a physically demanding job!

your body will take a hammering... pardon the pun.

issues ranging from nerve damage to lower back disorders.

With some Jack Hammers weighing in at 16kg, they are heavy pieces of kit especially if you're operating one for hours at a time, then

One of the hazards associated with jack hammering are hand and body vibrations which can cause a whole raft of physical

There are many ways to minimise the potential impact of these hazards and topping the list is:



1) Have the right Equipment!

One company who can certainly help with this is Makinex Construction Products who are committed to helping you do your work safely and efficiently.

One of their products is the Makinex Jack Hammer Trolley which is an awesome machine! The Jack Hammer Trolley carries most of the weight of the jackhammer while the user positions themselves behind the trolley and pushes it along.

It can be adjusted to 6 different positions ranging from 30 – 80 degrees to suit most demolition jobs and has built in anti-vibration systems to protect the user from the dangers of hand and body vibrations mentioned earlier.

The JHT is available with 2 different attachments to ensure you're using the right tool for the surface been removed. These are the called the Tile Smasher and Flippable Wide Chisel.

The Makinex Jack Hammer Trolley was first created back in 2004 and since then has helped thousands of Jack Hammer Operators reduce their operating hazards all around the world.

Users report on been able to do their jobs up to six times faster due to the decrease in operator fatigue provided by the Jack Hammer Trolley.

Mark Granger of Buildcore Constructions had this to say from his experience with the Jack Hammer Trolley, "The boys are happy with the setup. The bed is really stuck so will do another pass to remove all the bed. They have done 5 wet rooms and about 130m<sup>2</sup> of main floor and could operate all day long."

Some other tips to help minimise the physical impact when jack hammering include:

- 1) Ensure you have adequate PPE (Personal Protective Equipment). Non-negotiable items include gloves, boots, safety glasses, ear protection and long pants
- 2) Take regular breaks
- 3) Suppress potentially harmful Silica Dust with a portable constant pressure water unit such as the makinex Hose 2 Go.

By following these simple guidelines, you will be able to complete your demolition work safely and more efficiently.

To learn more about the Makinex Jack Hammer Trolley or Makinex Hose 2 Go, please visit our website: [www.makinex.co.uk](http://www.makinex.co.uk) or contact Russell Boswell-Munday on: +44 (0)121 280 3012.

# MAKINEX

## FLOORING PRODUCTS

Products that save you time and money



Jack Hammer Trolley

Innovative design for clever contractors



[makinex.co.uk](http://makinex.co.uk)



## ADEY's new connected filter is 'game-changer'

The industry's first and only Wi-Fi connected predictive magnetic filter, the new MagnaClean Professional3 Sense, has been launched by ADEY, the pioneer of magnetic filtration technology.



The development is the biggest innovation in magnetic filtration and heating system care since ADEY invented the first MagnaClean 15 years ago. The new filter not only provides high performance system protection, it also predicts potential system problems and offers connected preventative maintenance.

Using ADEY's unique Sense technology, the filter detects the level of magnetite collected, preventing ongoing system damage by alerting installers so problems can be treated before it's too late.

MagnaClean Professional3 Sense incorporates ADEY's proven filter performance and benefits, with the addition of Wi-Fi and battery-powered monitoring technology enabling it to self-detect how much sludge has been captured and removed from circulation.

It takes a reading every 12 hours for the first two weeks after installation or servicing, then once every five days, helping to prolong battery life of up to two years. Using Wi-Fi, this information is communicated to the installer through the ADEY ProClub App. An annual service reminder is also delivered in this way.

For more information on ADEY's latest magnetic filter, visit: [www.adey.com/pro3](http://www.adey.com/pro3)

T +44 (0)1242 546700  
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www.adey.com

## The future of underfloor heating

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

THE FUTURE OF UFH IS HERE...

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

### Efficiency

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

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

### Predictability

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

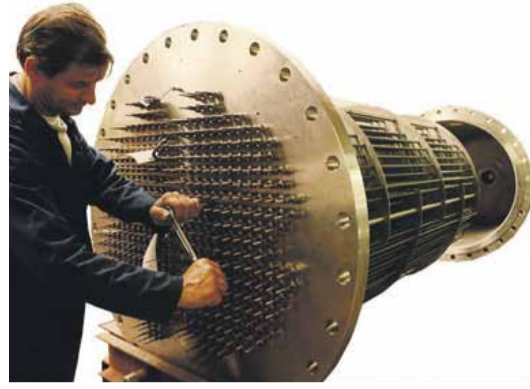
With a focus on a simple answer to UFH, CircoFloPro has completely standardised their product range. All emitters use the same 12mm pipe with 133mm centres, providing a consistent heat output across all products. No guessing if the product will work, because it just does. Removing risk and futureproofing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

### Calculability

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

[www.circoflopro.co.uk](http://www.circoflopro.co.uk)

## The UK's largest heating element manufacturer



The business, which is based in Cardiff, was founded in 1949 by Franz Skalitzky and Cyril Hodges and as a family-run organisation it is now managed by their two sons John Skalitzky and Alun Hodges. Over the course of its existence Elmatic has become a leading manufacturer specialising predominantly in the provision of heating elements for industrial and electrical applications.

From its fully equipped 45,000 sq. ft factory in South Wales the group can

efficiently provide customers with high quality Mica Band & Plate Heaters, Nozzle Heaters, Cartridge Heaters, Ceramic knuckle heaters, Tubular rod Heaters, Immersion/Flange heaters, Air Duct Heaters, Ceramic Core heaters, Strip Heaters and Roller/Disc Heaters.

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## Funding options for Flat Roof Solar PV

A school's flat roof offers the ideal space for a PV array as the unobstructed area enables maximum exposure to sunlight, optimising energy generation. Solar panels on a flat roof are out of sight, simple to install and maintain and thoroughly cost-effective as there are various funding and investment streams available for solar PV projects. This means your school can benefit from the advantages of a PV array, with no capital outlay.



Photovoltaic panels provide educational buildings with renewable energy, financial savings and practical learning opportunities to support the curriculum as well as generating a potential income and reducing carbon footprint. There are three main schemes that can be accessed to fund solar projects.

### Power Purchase Agreements (PPA's)

Private funders offering a PPA solution enable property owners to take advantage of a fully installed PV System for zero capital outlay. The school enters into a long-term contract to purchase the electricity generated by the solar array from the private funder at a rate that is lower than their current purchase price and guaranteed for 20 years. As the array is owned and maintained by the funder there is no maintenance requirement for the building owner.

### Community funded PPA's

Similar to a PPA, but capital is raised to provide funds for the installation of the solar array through a community share offer. The school benefits from reduced energy costs, but the PV array is owned by the

cooperative or community benefit society from whom the building owner purchases for the electricity.

### Six Finance

Salix enables public sector organisations across England, Scotland, Wales and Northern Ireland to take a lead in tackling climate change by the increasing their energy efficiency. Salix provides 100% interest-free capital for the public sector to reduce their energy costs by enabling the installation of modern, energy efficient technologies and replacing dated, inefficient technologies. Repayment can be made over a four to eight-year period.

Bauder provides a full service from funding application support through to system installation, whether you are looking to retrofit solar PV panels or incorporate renewable energy into your flat roof refurbishment.

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# circofloPro

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## Safe Heating Transforms Nursery School

The North Bristol NHS Trust are delighted with the LST radiator covers and vented pipe boxing that Contour Heating have supplied and installed to ensure safe heating in Somerset House nursery school.

New to the educational scene, Somerset House offers nursery care for the children of NHS staff onsite at Southmead hospital. The North Bristol NHS Trust was keen to implement a retrofit solution to protect radiators without preventing thorough cleaning and maintenance.

Contour, specialist safe heating providers,

transformed a healthy space for the new nursery school with DeepClean, low surface temperature radiator covers. Designed with drop-down front access doors, these casings allow fast and easy access to heat emitters. The radiator covers are also protected with BioCote® anti-microbial technology, which inhibits the growth of 99.9% of bacteria within just two hours to reduce bacteria cross-contamination.

Contour produce bespoke heating solutions to education, healthcare, commercial and secure environments. They are the exclusive partner

of BioCote® anti-microbial technology for LST and anti-ligature radiators providing cleaner environments for all.

Contour works with a quality-first mentality to bring the highest standard of heating solution to the required environment to create safer, healthier spaces for all.

Contact  
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## Thermostats, Water Boiler, Dryer & Heating Spares



UK Spares has 25 years of expertise in distributing genuine manufacturers spare parts to the electrical trade. We are of the prime suppliers of spares within our main area of expertise which is electric water heating and electric space heating. We are part of UK Electric Ltd and have a range of sister companies involved in a diverse range of activities associated with electrical, electronic, mechanical, lighting and controls. We are always happy to try and assist with unusual requests for spare parts that you are unable to find elsewhere.



With replacement part prices starting from just a couple of pounds, UK Spares stocks a range of genuine spare parts from brands such as Creda, Dimplex, Instanta, Whirlpool and Zip. UK Spares removes the need to replace a complete unit for the sake of a lost control knob, faulty element or broken tap handle. We use the latest data specs, up-to-date information and extensive product knowledge teamed with our years of knowledge and expertise in order to identify the correct spare part for each individual request.

With over 2,000 product lines in stock and thousands of others available to order UK Spares can quickly source even the most obscure spares from its extensive network of suppliers.

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# Genuine manufacturers' electrical spares from A to Z



## UK Spares: your one-stop-shop for domestic and commercial electrical spares

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Unit 1155, Aztec West, Almondsbury, Bristol BS32 4TF





# Lendon Containers Ltd: Shipping Container Sales & Hire

If you are in need of some extra storage space, then consider using a marine container as a cost-effective solution. Lendon Containers are in their 20th year of trading and we sell and rent 20ft and 40ft marine containers, renting them either on a short or long term basis. A 20ft gives you 160 sq. ft., a little larger than a car park space from £10.00 per week. Our clients are typically from the removal, construction, refurbishment, manufacturing and self-storage sectors, as well as schools, hospitals and individuals who are doing a home extension or improvement. If the innovators of the container industry during the 1950's could have foreseen the



applications that containers are used for today – they would be amazed!

Over the last 20 years, we have been converting containers for all manner of uses, where the container becomes the packing case. Businesses have realised that if their processes are built 'within' a container then with the ease of transportation their product becomes a very viable proposition. We have worked on projects from water purification, data logging modules for the oil and gas industry, laboratories for breeding mosquitoes, pop up stalls to offices and workshops. We offer to carry out the basic steel work

conversion delivering the 'module' to the client to carry out the installation to the complete kit out – we try to be as flexible as possible.

We are based in London and cover the South East and Home Counties delivering containers on Hiab Lorries.

**If you wish to discuss a storage solution or conversion then contact us on: +44 (0)20 7350 1940 or info@lendoncontainers.co.uk and we will be happy to give you a quote.**

## Professional and high quality glass services



Morelight Glass Design Ltd work with our clients to create their own master piece that they have been dreaming of to get that classic lighting and to really open up the space they live in, big or small Morelight are happy to help, we offer a full design packaged supply and fit. We can create a clear frameless space by using strong frameless structural glass with glass support beams and fins. Our structures come complete with hinged glass doors however we can also incorporate slim line sliding and bi-folding doors into our structural glass extensions. The frameless glass extension is structurally bonded to give that open space feeling letting the outside in, we believe less is more and glass is the best way to give your home that modern fresh feel/look.



### Providing a variety of professional and high quality glass services

In recent years, glass has become a very popular material in the building trade. We at MGD believe adding glass to your home will give the ultimate wow factor, changing the whole dimension and feel of a room. If you are looking for something unique or if you are hoping to create something more simple, we are more than happy to help you find the perfect design. Our quotations are free.

We specialise in all types of glass projects:

- Structural glazing
- Bespoke frameless glass structures
- Walk on glass
- Glass balustrade
- Shop fronts/bespoke display units large and small
- Glass Juliet balcony's
- Slimline Bi-folding and sliding doors
- Structural glass rooflights allowing Morelight into your home.



Please visit for more: [www.morelightgdl.co.uk](http://www.morelightgdl.co.uk)  
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In recent years, glass has become a very popular material in the building trade. We at Morelight GDL believe adding glass to your home will give the ultimate wow factor, changing the whole dimension and feel of a room. If you are looking for something unique or if you are hoping to create something simpler, we are happy to help you find the perfect design. Our quotations are free.

If you would like any more information on our Glass Box Extensions, please contact us and we will be more than happy to help.

T +44 (0)1268 425670  
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## SPECIALISTS IN HIRES, SALES AND CONVERSIONS OF NEW AND USED SHIPPING CONTAINERS



We offer 10ft, 20ft and 40ft x 8ft x 8ft 6ins used and new marine containers, either to buy or rent as a secure, cost-effective means of site storage

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## STANDARD AND BESPOKE ARCHITECTURAL ROOFLIGHTS AND ROOF GLAZING

Rooflight Architectural are Specialist Designers and Manufacturers of both standard and bespoke roof and vertically glazed structures to the Construction Industry.

As such we can design, fabricate and install to virtually any size or specification, and specialise in providing aesthetic solutions to unusual and difficult design requests.

Utilising suites of exclusive aluminium die sections, we have completed many prestigious installations throughout the UK for major Construction Companies, Architects, National and Local Governments and Leisure Organisations.

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- ANY COLOUR
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# Edge Lighting made easy

Enhancing an interior can be an expensive task but not utilising our unique LED edge lighting profiles. Designed to be cost-effective yet create stunning results. These profiles become the key component to a lighting concept.

Options being for a flat ceiling or a corner detail the aluminium trims form a sharp edge perfect for plastering to. The aluminium also acts as the perfect heat sink for LED keeping the running temperature low.

For the LED strip, simply select the colour temperature and output, whether it is single colour, dim to warm or colour changing the options are many. After selecting the LED, select the driver, either switched, triac, DALI, 1-10v, DMX, 12v or 24v, the choice is yours.

Typical applications are washing light round cornices, coffering, roof light wells, light panelling, beam edges, skirtings and wall recesses. When switched off the edge trim blends into the interior almost unnoticeable.

When on, the room is washed with soft reflected light, the perfect way to illuminate a room and to avoid the error of too many down lights. Available in 3m lengths for ease of transportation and



installation, these trims will transform the way you see light being used to enhance a room giving it added value and exclusivity.

**Contact**  
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## Electrical News



### Genuine manufacturers' electrical spares from A to Z

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### COMMERCIAL CABLE MANAGEMENT & CABLE TIES

Cabletrail is an innovative, patent protected product that can be positioned vertically, at an angle or even horizontally to work within all sites, ensuring that cables are securely fixed.

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# SAFE STEP: The revolutionary game changer



Safe guarding human life and property has never been greater than in modern day history, with the estimated valuation of the Fire Safety market valued at 93.46 billion USD by the year 2122. (source: Markets & Markets)

Latest Fire statistics reveal that there were 564,827 incidents attended by Fire Service between 2017 to March 2018. Of these incidents 167,150 were fires – a 3% increase on the previous year. Statistics also confirm that there were 334 fire related fatalities in the UK last year, a 27% increase in fire related deaths. This figure included the 72 who perished in the Grenfell Tower tragedy. (source: UK Home Office)

There is a gap in terms of Fire safety apparatus, and in particular apparatus that deals with BS Toughened Glass.

From the turn of the century, Architects have been instrumental in how we live, to where we work, in forming buildings we now come to know as cities. Because of its cost and durability, glass became an industrial workhorse and impacted into society, helping to accommodate generations across the globe.

So glass in the industrial world is simply something we cannot live without. When commercial glass is free from all its impurities it can resist impact of up to 25,000 pounds, making it stronger than most metals!

As an employer, you have a legal obligation to assess the health and safety risks of your operations, and part of that assessment is to determine the safest way out in the case of a fire or any emergency situation that necessitates immediate evacuation.

Entrapment by BS toughened safety glass can be a daunting prospect at the best of times but highlighted even more when escape in an emergency situation is threatened with all primary exits blocked through either fire/smoke!

Through 8 Years of design and meticulous testing, we are proud to announce SAFE STEP the revolutionary game changer with regards health and safety within the workplace and home.

We are pleased to announce POWER PUNCH, the tungsten carbide tipped glass enforcer that can smash through any toughened BS glazed unit endorsed by UK Building regulations.

SAFE STEP also comes complete with a quick release light weight emergency escape ladder. By incorporating the emergency escape ladder into the SAFE STEP model, we are confident that we have designed a piece of fire escape apparatus, that is essential to any environment, where a persons safety may be compromised by BS toughened Glass.

For more information, please check out SAFE STEP website: [www.safestepdesign.co.uk](http://www.safestepdesign.co.uk) Alternatively please contact sales: +44 (0)7624 365880.

# JSP Springfit™ Mask offers an unrivalled fit for a disposable foldflat mask

JSP has launched the Springfit™ fold flat disposable mask which features a sprung endoskeleton in the mask which ensures the most effective responsive fit. When you wear the mask it springs onto your face and gives a perfect face fit.

The unique endoskeleton guarantees that the mask keeps its shape, increasing performance and maintaining rigidity. The integrated spring feature allows facial movement ensuring the mask offers a secure face fit and seal during speech or movement of the jaw.

The new Springfit™ is extremely comfortable with the

foam area around the inside of the mask ensuring the mask is comfortable to wear and the welded nose piece gives the mask a good face fit. The pioneering Typhoon™ valve has been designed to reduce breathing resistance, heat and moisture build-up. The valve is unaffected by any moisture, and therefore maintains high performance levels even at very low temperatures (-40°C tested).

The low profile design of the SpringFit™ provides exceptional compatibility with other above the neck PPE. The Springfit™ range folds up easily and can be stored in your pocket when not in use. It conforms to EN149 and is available in FFP3 and FFP2 valved and unvalved, with



a nuisance odour carbon layer available on the FFP3 valved model.

T +44 (0)1993 826050  
[www.jspsafety.com](http://www.jspsafety.com)

# Smoke Control: A specialist field in life safety

Fire safety has never been as important within the Built Environment as it is currently, the period 'post-Grenfell.' Although it is now over 18 months since that tragic disaster, it could be argued that nothing has changed within the industry. Sure the 'race to the bottom line' is no longer one of the prime objectives and Dame Judith Hackett has reported what most in the Fire Sector already knew, that some kind of regulatory framework is required to oversee and monitor the safety aspects of all buildings throughout their lifetimes.

The major building contractors have beefed up their Health & Safety Departments and introduced senior executives with responsibility for fire safety. In-house Fire Officers of large corporations and organisations are having their voices heard and contracts for the upgrading of fire safety measures are being rushed through. This is of course how it should be, and the specialists in fire engineering, fire prevention and fire risk assessments have never been busier, but is it all just more of the same?

Every building, regardless of its use, size, contents or occupants, has rooms containing higher fire risks than other rooms. Fire Risk Assessments can identify these higher risk areas, but proposing practical solutions for the protection of these compartments can be, and is often, problematic. A thorough understanding of three key areas of competence and expertise is required; namely active and passive fire protection and smoke control. These are three widely differing fields.



Active fire suppression is not always appropriate for all high risk areas. Passive fire protection is vital for containing fire spread but doesn't necessarily prevent the smoke from escaping into adjacent rooms or corridors. The control and management of the smoke is key as its debilitating, toxic nature is well-documented.

Understanding smoke behaviour and how to control smoke is an area of specialist knowledge which straddles both active and passive fire safety. The quality of Fire Risk Assessments is generally on the increase and their recommendations carry a higher level of authority. Remedial works tend to be carried out by companies that specialise in either passive or active fire safety solutions. Recognised levels of certification can give assurances as to the competences of both the products and installers and with compliant fire stopping, early warning fire detection, alarms and suppression the risk can be managed.

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# SMOKE CONTROL SYSTEMS FOR COMMON ESCAPE ROUTES IN ALL BUILDINGS



Ensure the safety of your building's most valuable assets – THE OCCUPANTS.

Regardless of the size or purpose of your building, the market leading, performance related ASHEV Smoke Control Systems will ensure a smoke free Means of Escape for the residents or occupants in a fire incident.

For more information, please contact:  
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E: [info@ashev.co.uk](mailto:info@ashev.co.uk) | [www.ashfire.co.uk](http://www.ashfire.co.uk)

# SAFE STEP

## PowerPunch: The revolutionary tungsten carbide tipped glass enforcer

SAFE STEP is proud to introduce the revolutionary POWER PUNCH, the tungsten carbide tipped glass enforcer that can smash through any toughened BS glazed unit. The tungsten carbide tip is hardened to an incredible 1,600Hv, making POWER PUNCH almost indestructible!

SAFE STEP also comes complete with a quick release lightweight retractable escape ladder. By incorporating the emergency escape ladder into the SAFE STEP model, we know we have designed a piece of fire safety equipment that is essential to any building enclosed by BS Toughened glass.

SAFE STEP the easy to use, compact piece of fire apparatus that 'packs a punch,' when it matters. When every second counts, it could be the difference between life or death!

For more information, please check out SAFE STEP website [www.safestepdesign.co.uk](http://www.safestepdesign.co.uk). Alternatively, please contact sales +44 (0)7624 365880.





## Brickfab... simply better

Brickfab is a leading producer and supplier of slip-clad and render chimneys, full GRP chimneys, prefabricated arches, brick specials, GRP canopies and panels.

Having manufactured construction products since 1997, the company has served many of the UK's national and regional housebuilders to build better homes. Brickfab aim to ensure clients are given excellent customer service by ensuring they provide all the information and service needed, offering regular meetings with procurement stakeholders and visiting sites to ensure their customers are able to build houses quickly and

efficiently. Minimising customer effort, Brickfab offer free-of-charge takeoffs, 2D/3D CAD drawings, competitive prices and free installation kits.

Brickfab value their selves on being Fair, Honest, Hardworking and Innovative stating, "Prefabricating for your construction project since 1997, we aim to be the first choice for our people, customers, suppliers and investors. We will differentiate through service, innovation, quality and commitment."

The company are the only supplier in the industry who has both BBA ad CGMA accreditation for

both brick-clad and GRP chimneys, with their products and process rigorously tested and audited by Lucideon and BBA to ensure long-term suitability.

Their clients across the UK include all major National Housebuilders, regional builders, merchants as well as private builds and architectural practices.

**Contact**  
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## Prefabricated Building Products, Suppliers & Manufacturers in the UK

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- GRP canopies
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**The only manufacturer in the UK that can offer CGFMA and BBA certificates on both brick-clad and full GRP chimneys, complete with our own 10 year warranty.**

**Telephone 01495 759555 or visit [www.brickfab.com](http://www.brickfab.com)**



## New Semi-Assembled Flat Pack Kitchen Carcase



Lamtek is the largest flat pack kitchen carcase only manufacturer in the UK.

Established in 1989, we are a trade only supplier to national distributors, retailers, builder's merchants, property developers and independent kitchen fitters.

A family run company that employs 90 people operates from a 60,000 sq. ft. manufacturing facility in Nottinghamshire. We are a forward thinking organisation who recently acquired planning permission for an 18,000 sq. ft. extension to our factory to allow for future growth.

In addition to our comprehensive range of flat pack kitchen carcasses, we also offer 3 drawer ranges as well as a selection of wirework and pullouts. Bespoke size carcasses are also available to suit the customer's needs as we appreciate custom sized doors are readily available in the current market.

Our revolutionary 'Rapidcab' flat pack kitchen carcase is proving a great success. Cams, pins and dowels are pre-inserted into components, which are then boxed in order of assembly enabling the fitter to build the carcase straight from the box. This makes our claim that a single base or wall unit can be assembled in two minutes easily achievable. All of this is achieved without comprising on the strength and rigidity of our carcase.

We operate a policy of renewing all our main line machinery within 7 years of installation. This ensures that the plant is always using the latest technologies, giving our customers the best machining quality available and eliminating any delays arising from machinery breakdown. Our cam, pin and dowel insertion machine was the first in the world to be commissioned, demonstrating our forward thinking approach to manufacturing technology.

**T +44 (0)1623 759856**  
**www.lamtek.co.uk**



# The UK's leading Rainwater Harvesting Specialists

RainWater Harvesting Ltd is an established British company manufacturing and supplying products for rainwater harvesting. It is largely responsible for developing the UK market. The company helps create a more sustainable home environment whilst helping save costs on water bills. Operating from our 60,000 sq. ft. premises in Peterborough, central England, our name has become synonymous with high quality, technologically advanced, British made product.

Harvested rainwater off the roof can be used both outside and inside the home for toilets and washing machines. The supply to these will be from the harvesting tank and so installation is preferable in a new build or a major refurbishment. The Environment Agency state each person in the UK uses in the region



of 150 litres of drinking quality water every day with only a small percentage of this actually required for drinking. By using a Rainwater Harvesting system you can help the environment as well as reduce water bills. Further benefits are to provide your garden with water during a hose pipe ban and collecting fast flowing roof water can reduce the risk of floods. 'Rain Activ' is a new product which combines the benefits of rainwater harvesting but also as a Sustainable Drainage Solution (SuDS). This can support water usage and drainage strategy during a planning application.

The multi award winning 'Rain Director,' is an innovative, rainwater management system dramatically reducing energy use and pump wear in comparison to traditional systems. The system reduces pump cycles

to 1-2 times a day and uses 6-8 times less energy than traditional systems. Therefore running costs are less than 1p per person per day.

Rainwater Harvesting Ltd are currently in the process of sourcing distributors around the World for our manufactured products and would also be interested in finding parties that have a route to market in the UK. We have several exhibitions coming up or would be happy to arrange an appointment to discuss at our base in Peterborough.

**Contact**  
**T +44 (0)1733 405104**  
**sales@rainwaterharvesting.co.uk**  
**www.rainwaterharvesting.co.uk**

## LEK provides Lubrication Systems & Accessories to the UK

LEK Lubrication Engineering Ltd is the Official distributor of Beka Centralised Lubrication Systems (www.beka-lube.co.uk). We have a team of fully trained fitters who have been trained in the Beka factory in Germany.



We install, service and repair Lubrication Systems, across the UK and Northern Ireland. We can design and install either Automatic or Manual Lubrication Systems to your requirements. LEK are proud to be a UK Distributor of the Beka-Max Range of Centralised Lubrication Systems, and offer the full range of pumps, spares and accessories of Beka products, including EP-1, Pico, Hammax, AFG, DFG and FKMS range to name but a few. The BekaOne single point re-fillable unit is proving very popular, as customers are aware of landfill problems. The Hammax range is suitable for lubricating Hydraulic Hammers and Grabs.



Our company are proud to have been in business for over 30 years and our knowledge has helped our customers maintain their machinery. We are a family company that has built up its reputation on Customer Service & Reliability. Every member of the teams cares and puts the requirements of our clients first.


At LEK Lubrication, we can design, install & repair Lubrication & Greasing Systems for all types of machinery in the following Industries, to name but a few:


- ▲ Construction Industry
- ▲ Quarry and Mining Industry
- ▲ Agricultural Industry
- ▲ Waste and Recycling Industry
- ▲ Industrial Conveyor Belt Lines
- ▲ Transport Industry
- ▲ Marine Industry
- ▲ Renewable Energy.

**Contact**  
**T +44 (0)151 430 7158**  
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### LEK provide Lubrication Systems & Accessories to the UK

We have fully trained fitters who service across the UK, who can design, fit or repair an Automatic or Manual Lubrication System to your requirements. We are proud to be a UK Distributor of the Beka-Max range of Centralised Lubrication Systems & Products.

BEKA Lubrication Systems can supply fit or repair Greasing Systems for the following:

- ✦ Plant Machinery
- ✦ Wheel Loaders
- ✦ Hammer Lubrication
- ✦ Excavators
- ✦ Haulage Trucks
- ✦ Low Loaders
- ✦ Agricultural Machinery
- ✦ Waste Compactors and Conveyors
- ✦ Balers.



Please contact 0151 430 7158, email info@beka-max.co.uk or visit www.beka-max.co.uk

Ref No: BCR357



Contact +44 (0)1733 405111  
 info@rainwaterharvesting.co.uk

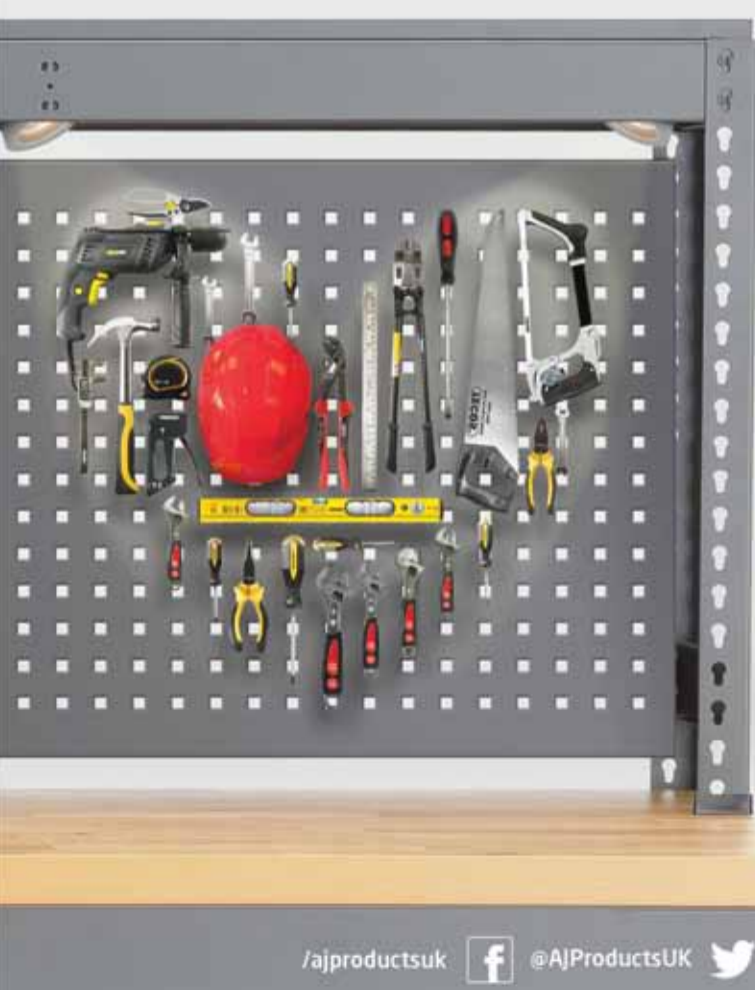
## The UK's leading Rainwater Harvesting Specialists

With changing weather patterns and urban growth stress is being placed on UK water supplies. Alternative sources of water collection should be considered. Non-potable applications including toilet flushing, washing machines and outdoor use can account for 50% of mains water in a domestic home and up to 90% in some commercial settings.

One alternative is rainwater harvesting. This is a simple process where water off the roof is collected via standard guttering and down pipes, filtered and stored in an underground tank. With no light or temperature variance the water remains of good quality. Water is collected and used at source as a decentralised water management system. Pumping water from miles away to simply flush down the toilet does not make sense and there is no requirement to flush with drinking quality water. The harvesting tank volume is calculated on there being rain replenishment within a twenty one day period. However it is important to specify a mains back up system during severe drought conditions.



Please visit [www.rainwaterharvesting.co.uk](http://www.rainwaterharvesting.co.uk)





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**AJ Products** is a full-service supplier of furniture and interior solutions for offices, schools, warehouses and industrial facilities. AJ Products supplies the right products at the right prices in order to be a one-stop shop for all your workplace needs.

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## King Shaw Associates: Consulting Engineers

King Shaw Associates is a pioneering practice of consulting engineers offering integrated environmental and building services to support Clients and Architects in the development of quality buildings. The practice has a clear agenda to promote efficient use of resources and sustainability and in the design, construction and operation of buildings.

Originally designed for refurbishment of the Tank Museum this natural ventilation stack typifies our approach. It is designed to be

inserted into existing wide-span structures without imposing additional loads on the roof.

The practice is committed to the development of sustainable construction. We will always use our best endeavours to inform clients, end users and design team partners of the importance and benefits of efficient and environmentally sensitive designs. We are always conscious that we are designing built environments for human beings and that satisfaction and delights are critical factors in the success of buildings.



We aim to break down the traditional divide between engineering disciplines and to foster truly integrated thinking in each engineer, regardless of his or her original discipline. We aim to develop engineers capable of making all the strategic decisions to develop a coherent design concept through an understanding of all the principles involved.

**Contact**  
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**S.D. Samuels** is widely acknowledged to be one of the UK's leading **Cladding & Rainscreen Specialists**, offering experience and expertise in **Design & Build** projects.

We are a Category 'A' Supply Chain Member to many of the leading contractors in the Country -Vinci, Willmott Dixon, I.S.G., Balfour Beatty to name but a few. We are able to offer a complete envelope package in Roofing, Cladding, Rainscreen, Glazing, Guttering, etc. We have a vast knowledge and expertise in a wide range of Flat Roofing products as well as all types of Cladding & Rainscreen.

Our Growth has been founded on a sustained commitment to core values -technical know-how, commercial integrity, installation excellence and client service. We are aware of our obligations as a contractor and that's why we aim for optimum performance every time-completing jobs as specified on or ahead of programme.

**Quality is at the heart of what we do.**



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## Winners of UK and Ireland's most considerate construction companies revealed



The highest-performing construction companies and suppliers in the UK and Ireland have triumphed at the 2018 National Considerate Constructors Scheme Company and Supplier Awards.

The companies winning this year's top award of 'Most Considerate Company 2018' are:

- ▲ Optik Leisure – Annual turnover category: Under £250k
- ▲ Impact Roofing and Building – Annual turnover category: £250k to <£3.5m
- ▲ Thomann-Hanry – Annual turnover category: £3.5m to <£10m
- ▲ Munnely Support Services – Annual turnover category: £10m and over

The title of 'Most Considerate Supplier 2018' went to:  
 ▲ Waste management service specialist Norris

All award winners' details are available to view through the Scheme's Construction Map: <https://www.constructionmap.info/map/companyawards2018>

The awards are of paramount importance to the construction industry, showing the dedication and commitment that best performing companies and suppliers have made in raising their standards of considerate construction.

Over 350 representatives of the possible winning companies and suppliers gathered together at ceremonies on the 15 and 16 November at the Royal Institute of British Architects (RIBA) prestigious landmark headquarters in central London, to hear whether they had won Bronze, Silver or Gold awards.

Of the Gold Award winners, eight shortlisted companies received the 'Most Considerate Company Runner-up' title and one supplier received the 'Most Considerate Supplier Runner-up' title.

All award winners were recognised for their outstanding performance against the Scheme's Code of Considerate Practice with assessments carried out between 1 August 2017 and 31 July 2018.

Established in 2002, Optik Leisure is an interior refurbishment company based in Stone, Staffordshire, comprising just two full-time employees. Despite being a very small company, it projects an exemplary public image and positive enduring community legacy. Considerate efforts included the funding of two occupational nurses specialising in prostate cancer screening which resulted in 300 local men being tested.

Follow the Scheme's social media channels and hashtags #ccsawards #loveconstruction for all the latest from the awards.

[www.ccscheme.org.uk](http://www.ccscheme.org.uk)



## Committed to superior quality & results

Created over 10 years ago to provide a complete building service for our clients. Lofts and Extensions are more than just a local builder. We 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.

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sponsors this issue of **BCR UK**: see them on page 9



## The small things make the biggest difference

You can tell a Rapiestar screw because each one has a unique 'Tri-thread' hallmark stamped on its head. This is the real mark of performance and quality but is not the only assurance you get with a Rapiestar product.

Celebrating 25 years of design, development and supply of specialist fasteners and fixings, 75% of screws now used in fenestration in the UK and Ireland are Rapiestar products.

This is because, over the last quarter century, Rapiestar's primary objective has been to support its customers with quality of service and products that allows its customers to carry out their projects with minimum of fuss.

Rapiestar's family of award-winning screws and fasteners include Starpcu window screws, Starfix direct masonry fixings and Starturn universal wood screws, which also carry CE Marking with full Declarations of Performance and go beyond UK and European quality and performance standards.

There is a huge advantage in using a credible supplier like Rapiestar. Not only do they supply products with all of the necessary accreditations and proof, Rapiestar is also fully knowledgeable in all of the requirements of new and existing quality and security regulations.



If you have previously bought fasteners and fixings primarily on price, you may need to review your supply arrangements and ensure a reliable supply of correctly tested and approved components or risk having a product that doesn't meet the standard.

Contact  
T +44 (0)1260 223311  
[www.rapiestar.com](http://www.rapiestar.com)

## The best in genuine, authentic spare parts

UK Spares has over 25 years of experience in the distribution of spare parts, renowned for their wide range of authentic spare parts for use in a range of different industries. The company was first established back in 1993 and is based in Bristol. From here, they distribute spare parts both nationally and globally for primarily electric water and space heating, but also for other domestic and commercial white goods, ventilation and garden equipment.

Often times, we reach for cheap alternatives for the spare parts we need. They can be cheap and look and feel close enough to the real thing. However using spurious alternatives can inevitably lead to the breakdown of the appliance, as the fake part will not integrate as well as the genuine part, and will be made



of a lesser quality material. In the worst-case scenario, this can cause serious damage to the appliance, environment and user.

Instead, genuine, authentic manufacturers spare parts should always be used as this will guarantee proper function and integration with the appliance. UK Spares provides parts for

everything from dryers, to fans, thermostats, water heaters, vacuums, boilers, fan heaters, cooking appliances, fridges and freezers, ventilation, showers and much more. Better yet, UK Spares are constantly adding to their stock, and have recently added a wide range of new bath, shower, utility and kitchen related spares. On top of that, they are always updating their list of manufacturers whose spare parts they can supply. Their current list of manufacturers is highly extensive and includes such names as Beko, Bosch, Dimplex, Electrolux, Heatrae Sadia, Hotpoint, Instanta, Triton, Whirlpool and Zip just to name a few.

Contact  
T +44 (0)1454 620500  
[sales@uk-spares.com](mailto:sales@uk-spares.com)  
[www.uk-spares.com](http://www.uk-spares.com)

## GEZE UK takes centre stage for leisure needs

Whether it's a creating a grand entrance or ensuring access for everyone, all leisure venues seeking to attract people through their doors need to strike the perfect balance between aesthetics and functionality. Alongside this can be a long list of specific needs: sustainability, accessibility, security, health and safety, flow of people around the building, environmental impact or heritage sensitivity.



GEZE UK's new Project Portfolio Leisure outlines how some of these considerations have been put into practice within a range of different buildings from a prestigious art gallery, theatres old and modern, to striking landmark visitor attractions.

The brochure highlights the flexibility that GEZE UK's extensive range of solutions provides as a manufacturer of both manual and automatic door and window control systems.

It illustrates how the application of solutions must meet demanding and exacting standards that will help 'sell' the venue to visitors while meeting practical requirements for building management.

Examples include the Whitworth Gallery, in Manchester, which was enhanced by a glazed extension that complemented the existing Grade II

listed building and the Birmingham Repertory Theatre where increasing audience numbers led to the need to create new entrances that made a grand statement, whilst allowing large numbers of people to flow through the building effectively.

Also featured are automatic bi-parting curved sliding glass doors that sit seamlessly within The Wing, a visitor and education centre for the Battle of Britain Memorial Trust at Capel-le-Ferne, Kent demonstrating how GEZE's innovative products provide impressive entrances that echo the building's style, whilst ensuring accessible, draught-free entrances.

For more information about GEZE UK's comprehensive range of products and system solutions, call: +44 (0)1543 443000 or visit: [www.geze.co.uk](http://www.geze.co.uk)

## A commitment to quality



Digital Advanced Control, (DAC) is a fast growing and established UK Lift Controller Manufacturer. We are a leading manufacturer of quality lift control systems and ancillary equipment for all types of elevators. Our manufacturing is based in Northamptonshire where we are in full control of all the process involved. We have supplied our high performance products to a wide range of clients including Universities, Office groups, Government buildings and Local Authorities.

Our product range includes lift remote monitoring, quality landing and car indicators and absolute shaft positioning systems, we are very proud to be one of the leading



manufacturers in the UK Lift Industry and this is based on our five core values. These core values are passion, integrity, professionalism, be the best and delivering best value. We have an ethos at DAC which is safe, reliable and simple. We base everything we do against these core values and principles. As part of our quality commitment, we offer an unrivalled and industry leading 5 year guarantee on all our manufactured boards.

Contact  
T +44 (0)1327 879334  
[enquiries@digital-advanced-control.co.uk](mailto:enquiries@digital-advanced-control.co.uk)  
[www.digital-advanced-control.co.uk](http://www.digital-advanced-control.co.uk)

## Expertise and Initiative foil intruder attempt in Milton Keynes



A huge 'Thank You' was given to Pakeer Uwais, Security Officer at TTC Security Services by their Operations Director Satia Rai for his quick actions last month, here was his response:

"I would like to thank your Security Officer for his excellent work on Saturday when two intruders tried to gain access to the roof using the top of the multi-storey car park. He vigilantly monitored the CCTV camera, followed them, phoned the police and handled the situation effectively. Thank you very much and this is appreciated by us wholeheartedly."

For more information, please contact:  
+44 (0)1737 814016 or visit: [www.tcfm.co.uk](http://www.tcfm.co.uk)

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A Quality Commitment



## Dimplex updates designer electric panel heaters

Dimplex has upgraded its Girona, Monterey and Saletto ranges of designer panel heaters to meet the EU's new Lot 20 energy efficiency standard for 'fixed' heating products.

Modernising existing Dimplex models, the new ranges all include energy saving technologies such as an accurate electronic thermostat (+/-0.2°C) providing improved temperature control. Combined with a low thermal inertia which enables the panels to heat up more quickly, the Girona, Monterey and Saletto ranges are able to more accurately match and maintain a chosen room temperature. The new ranges also incorporate integral 7-day timer, open window detection and adaptive-start functionality.

These added features form part of the manufacturer's commitment to ensure all three ranges are compliant with the new Lot 20 legislation.

In addition, the panel heaters have also been redesigned with clear, simple to navigate, yet advanced controls using touch-sensitive technology with optional audio feedback, complemented by an RGB backlit graphical display. Users will also benefit from standard timer modes (User Timer, Out All Day, Home All Day, Holiday) and continuous heat modes which include Manual, Frost Protect and Eco settings.



The Dimplex panel heater range maintains its stylish design choices, including an elegant, black or white glass front design on the Girona, while the Monterey range consists of a stylish finned metal structure. Both models will cover most traditional panel heater fixing marks.

The Saletto series includes a striking low profile appearance that is perfect for low walls found below bedroom windows in or in a conservatory.

T +44 (0)344 879 3587  
www.dimplex.co.uk

## Donations are in the bag for British Heart Foundation

TC Facilities Management (TCFM) have created a national charity partnership to help the British Heart

**TC Facilities Management  
£5K CHALLENGE**

IN SUPPORT OF THE



Foundation achieve its aim of beating heartbreak forever. The partnership commenced 6 weeks ago and has set its sights on raising £5K of funds for the charity that conducts ground-breaking research in to heart and circulatory diseases and their causes.

Heart and circulatory diseases kill 1 in 4 people in the UK, causing heart break in every street. Fiona Ellingham, Marketing Manager, TCFM has had a number of family members affected by heart conditions including a niece who required a heart transplant aged just 5 and a brother who thanks to a special pacemaker, his heart is able to maintain a stable rhythm to keep him alive.

"Speaking with other colleagues at TCFM, it became very apparent that I was not alone in having family members affected and so the partnership was born.

"At the moment, our colleagues are busy having clear outs at home and filling bags with unwanted items that can be sold in the BHF stores across the country. In the last 6 weeks colleagues from all over the country have collected more than 50 of the 300 (minimum) bags of items we're aiming for.

"We have a number of other activities planned through the year that will not only raise funds for BHF but will also train people in how to do CPR, something which saved my brother's life over 2 years ago."

Contact  
T +44 (0)1737 814016  
www.tcfm.co.uk



RotoSpa are renowned for the design and manufacture of hard wearing spa pools. We are undoubtedly the market leaders in affordable, portable spa technology offering the only truly portable, smooth, high performance, low maintenance spas at low prices without compromising on quality in any way.



### Why RotoSpa

**The UK's ONLY spa pool manufacturer** - designed and built completely in the UK with nationwide support. RotoSpa is committed to buying locally and supporting our local economy

**Anywhere spa** - purposely designed for easy access, meaning no crane or foundations required

**Plug and play** - RotoSpas are powered from a standard household electricity supply, meaning no expensive electrical work required

**Tonka Tough** - RotoSpas are much stronger than a traditional acrylic spa shell. They are designed for the unpredictable UK climate.

**Low running costs** - costing from just 70p a day to run. One of the most energy efficient spas on the market, providing affordable year round spa use. Our low shipping costs mean we have the lowest environmental impact of any spa, offering maximum quality at low prices.

**Innovative add-on technologies** - PowerSmart heat pump slashes heating costs with 75% less energy consumption with our integrated heat pump solution. The SpaLink app for your device also acts as a wireless remote for your spa, enabling control over all RotoSpa accessories including pumps, air blowers and temperature from anywhere in the world.



0121 354 3428 | info@rotospa.co.uk | www.rotospa.co.uk  
35 Boldmere Road, Sutton Coldfield, Birmingham, B73 5UY

# RotoSpa



## A hat trick that our clients will tell you is well deserved



TC Security Services, part of TC Facilities Management (TCFM), have not only been placed in the top 2% of all SIA listed companies within the Approved Contractor Scheme in the UK, they have also passed the ISO 9001 and 14001 management systems audits which came in to force last year.

The 4-day visit by both auditors involved full scrutiny of the TC Security Services operation and for the ACS audit included visiting both the Head Quarters and satellite offices along with a mix of varied customers.

The maximum overall score on the ACS audit that can be achieved is currently 175 points. TC Security Services' score of 164 places them not only in the top 2% of all SIA listed companies within the Approved Contractor Scheme, it also showed an increase in the score awarded by the auditors in 2017. All this shows TC Security Services as one of the very best security companies in the entire country.

Coupled with this was passing the ISO 9001:2015 and 14001:2015 management systems audits. This was the fourth time these new quality standards came in to effect September 14th last year which have been audited and passed each time.

T +44 (0)1737 814016  
info@tcfm.co.uk  
www.tcfm.co.uk





**Sunfold Systems** are proud to present the MINIM Door.

With slender profile sight-lines and fantastic thermal values, MINIM stands alone in terms of design, technology and aesthetic appeal.

Constructed to endure high volume use, varying season demands and impressive panel sizes.

MINIM offers expansive views with clarity and precision, light is so important in today's modern home and is paramount to the Sunfold method.

Effortless operation and high security offer continued enjoyment of the system, relax in the comfort of a warm home through architectural design and cutting-edge technology.



**Composite Solutions:** Invi & Fusion blend a unique construction of internal timber and low maintenance external aluminium cladding.

With a variety of finishes, the timber can be tailor matched to compliment your internal design scheme.

High security locking as standard, with extreme weather performance.

The fusion window transcends building regulations whilst retaining elegant and aesthetic appeal.



**Folding Door:** The SFTS80 uses sophisticated design to incorporate thermally broken and insulated aluminium profiles. Specially engineered to enable large glass panels to be moved effortlessly across the widest of elevations, maximising your views and bringing the outside in.

The innovative system incorporates a unique internal pressure seal that is activated at the turn of the handle, creating a sliding folding door suitable for use in the most exposed and extreme environments, providing a market leading thermal performance.



**Roof Glazing:** Plays an integral role in creating light and space within the home. Rooflights, lanterns and panoramic glass flood a room with natural daylight. Sunfold Systems offer a variety of solutions to enhance your vertical glazing.

**Winter Gardens:** The SF Winter Garden is unique to the market and offers endless versatile design possibilities. Using sophisticated engineering the system is compatible with most of our vertical glazing solutions.

For simplistic lean to roofs to full glass and aluminium structures, each project is rigorously tested and qualified for each onsite scenario.

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