

## Building & Construction Review



### 4 Myths about Electrical Enclosures

Whilst we know that the electrical components that cabinets house must be ventilated to avoid temperature and humidity problems, there are a number of misconceptions about enclosures. We bust the most common four myths below.

#### 1. Internal components can be placed anywhere inside the enclosure

It is often tempting to position electrical equipment where it is most convenient and comfortable for the installer. Sometimes this means clustering equipment at mid-height. However, it is imperative to carefully choose the position of the components to ensure a distance that allows correct for the circulation of air and proper distribution of power loads. By doing so, not only will this save energy in ventilation but unwanted hot spots and loss of thermal efficiency can be avoided.

#### 2. Electrical enclosures are always dry because they are sealed

It is true that, with the correct enclosure ventilation accessories rated for ingress protection, electrical cabinets can achieve a water-tight seal. However, this does not take into account that condensation may form inside the panel, due to rapid temperature drop below the dew point. To avoid this, we need to heat the cabinet with one or more anti-condensation heaters, especially during machine shutdown or in cold rooms. Additionally, a pressure compensation device (or vent plug) is recommended to prevent condensation forming inside the enclosure as a result of humid air entering through door seals due to a negative internal



pressure (caused by forced ventilation).

#### 3. Electrical enclosures resist dust

Whilst cabinets reduce the amount of dirt and dust that the equipment is exposed to, they are not completely dust-free. Steps can be taken to increase the degree of protection against dust, for example, ensure the ventilation exhaust and fans have a high IP rating. The panel and its components must have an appropriate degree of protection suitable for the conditions of use. Furthermore, a regular cleaning and maintenance routine should be put in place.

#### 4. Filter Fans always reduce the internal temperature of the enclosure

In some circumstances, a filter fan is not enough to cool the cabinet. When the outside temperature is higher than 40°C, ventilation is not enough and heat penetrates through the filter grid, increasing the panel's internal temperature. It is, therefore, advisable to choose an active cooling solution such as a thermoelectric unit under these conditions.

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

Our Brise Soleil projects are backed up with computer simulation software to assess the effectiveness of our products in reducing the effects of solar gain on buildings.

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# Expert advice on all things timber decking and cladding



TDCA, the Timber Decking and Cladding Association, is a non-profit organisation acting as a technical and advisory body for the UK timber decking and timber cladding industries.

As a recognised and reliable source of expert opinion in the UK, TDCA can assist both large commercial contractors and individuals undertaking residential projects, advising on areas such as the correct specification of materials, installation guidance, and ongoing care and maintenance of timber decking and timber cladding.

At the organisation's heart is the mission to ensure that all decking and cladding installations conform to appropriate standards. Its membership base is made up of likeminded companies and individuals with a passion for quality, high standards of service, and exceeding performance expectations.

For this reason, TDCA only welcomes companies that can demonstrate this commitment to excellence, guaranteeing that choosing a TDCA approved supplier will give you a long-lasting, professional result.

While the TDCA develops an ever-growing list of approved suppliers and installers, the organisation operates the DeckMark and CladMark quality schemes, which demonstrate the high quality and longevity of the materials that have been approved, or the high standards of the installer that has been accredited.

Both the DeckMark and CladMark schemes require a full audit and assessment of the business in question, prior to any accreditation being awarded followed by annual surveillance audits thereafter. Businesses which do not meet the standards are then advised on how they can improve to achieve the accreditation in



Source: Marley Ltd and Deckbuilders Ltd



the future.

In addition, the TDCA can offer a number of expert services to help resolve difficulties with timber decking and cladding projects. Ideal for home owners, architects, surveyors, structural engineers and other organisations, the TDCA's work can include assessing the structural integrity and construction techniques of existing decks, general condition surveys and maintenance reviews, assessing material faults and causes, and advising on correct material specification.

This is all underpinned by the TDCA website, which acts as an in depth information resource for anything to do with timber decking and timber cladding. The

organisation offers numerous technical and guidance publications, many of which are freely available to registered users of the website. There is also a gallery to provide inspiration for new projects, and an FAQs section to help with common queries.

Whatever the size of your timber decking or cladding project, the TDCA has plenty of expert information available. Whether you're looking for design, specification, product selection, installation or maintenance, the TDCA has everything you need.

If you would like to find out more information on becoming a member of the TDCA, or find an approved supplier through the website, see the details below to get in touch.

01977 558147  
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[www.tdca.org.uk](http://www.tdca.org.uk)



# Step closer to your dream staircase

Stairkraft is the home of innovative, bespoke staircases created to complement a room and provide a unique design with a sleek flawless finish.

"We think that we stand out from the crowd because as a small business with over 40 years' experience in the industry, we offer a bespoke and personalised service with unmatched attention to detail. Our designers form a partnership with the clients to ensure their ideas and visions develop into the luxurious and unique custom-made staircases they expect." Pete Housley, Stairkraft Founder.



Specialising in design, Stairkraft draws from a variety of influences inspired by contemporary designs which embrace traditional manufacturing skills, as well as the latest technology and engineering.

A few noteworthy developments for the company, Stairkraft has recently launched its innovative 'Faux Cantilever' stair system. Pete expanded, "This type of staircase creates an impressive floating illusion just like a standard cantilever stair but at a significantly lower cost and with less disruption, since it does not require a substantial support wall or any additional steel support frame."



Another notable project, Stairkraft is currently building its own purpose-built factory. A great development for the company the factory will enable Stairkraft to complete all of its products in-house, utilising the latest technology and engineering.

With industries all over the world recognising a significant impact on business during the on-going COVID-19 Pandemic, Stairkraft is maintaining a positive outlook. Pete told us that, "During the lockdown, we felt the effects of a noticeable downturn in business due to projects being put on hold. However, as the lockdown has eased



we have almost been able to resume business as normal alongside the implementation of the government's recommended guidelines. We are moving forward by following the government's advice to ensure our employees and clients' safety. All of our team members wear face masks and adhere to social distancing measures when on-site, so that we can carry out installations in a safe manner."

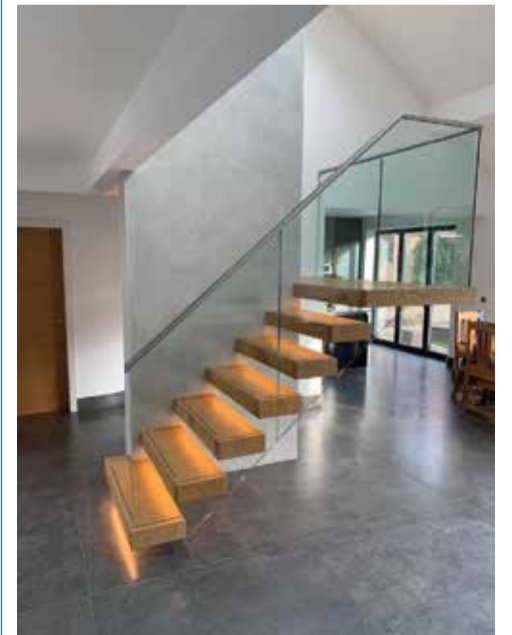
With an emphasis and passion for consistently developing innovative products, Stairkraft has continued to develop its products and has started experimenting with using different materials. "Alongside our most popular materials such as oak and stainless steel, we have been further developing products and materials that will be incorporated in our Faux Cantilever stair system." Pete continued, "We have recently completed trials with solid surface

acrylic materials that allow us to emulate stairs constructed with materials such as concrete, granite and marble. These materials are competitive in price, making these 'statement' staircases more accessible across the spectrum of home build and renovation. In addition, we are in the process of finalising the design of Faux Cantilever complete with glass treads and a glass balustrade to create a unique and spectacular staircase."

Indeed, it is clear to see that Stairkraft is looking forward to its future despite the impact of COVID-19 and has many new designs and developments in the pipeline.

For any more information, please see the details featured below.

T 0114 243 0259  
[www.stairkraft.co.uk](http://www.stairkraft.co.uk)



# Award in Excellence Winner 2020



DCON Safety Consultants business intention is to consistently ensure that client's best interest and statutory conformities are secured. Our greatest resource is our exceptional team of technical construction and safety consultant partners. Our consultants and alliances with other key individuals and organisations enable us to provide a broad brush level of support to clients in all divisions of design, planning and construction safety. We will remain relentless in our support of safe outcomes aiding our clients to realise their visions."



DCON Safety Consultants Limited has a suite of wonderful clients who reuse their services time and again. Diarmuid remarks that while their pipeline remains strong, the Covid 19 and Brexit impact will play their part going forward. The reactivation of public sector works in residential and infrastructural sectors will present future opportunities for the business.

The main service provided by DCON Safety Consultants Limited is Project Supervisor for the Design Process (CDM Advisor Plus), Pre-Planning Compliance, Safe Design Adherence, Health & Safety Strategy creation and Expert Witness. Regardless of project size or complexity, DCON Safety Consultants

We are proud to announce that DCON Safety Consultants Limited has received our Building Products & Services Award for 2020. Diarmuid Condon, Owner and Managing Director of DCON Safety Consultants Limited noted his delight in having been considered for this award. Diarmuid reflects on the broadband definition of award-winning as having won a prize in recognition of quality.

"From our point of view here at DCON Safety Consultants Limited, award winning means so much more than just the receipt of a prize. Our ambition and drive continues to be quality based on the priority of high level specialism services offering informed, intelligent advice, senior project resource allocation and compliance assurance.



DCON Safety Consultants Limited benefits from a strong understanding of the potential risks within the built environment sectors they are engaged in. Our model of service enables an over the shoulder compliance and best practice support means to be provided that seeks to meet or exceed their client's expectations.



Limited maintains a wealth of expertise in the built environment and generates distinctive and innovative ideas born out of traditional construction service inputs and outputs.

Strategically supporting a positive planning decision is what sets DCON Safety Consultants Limited apart from their competition. "Our Construction Management Plan (CMP) offering provides clients with the means to demonstrate a commitment to safety in overall planning, coordination and control of a project from construction commencement to completion." Diarmuid continues, "These safeguards seek to support the obligation placed on a client to produce a safe, functional and financially viable project."



Diarmuid uses his extensive network of contacts to recruit precisely the right person to protect his clients' interests and uses his unique perspective to encourage, support and mentor the abilities of his colleagues. Diarmuid is an integral part of the company and ensures that it excels in providing services to its clients, and displays exceptional achievement designing and executing

strategic safety plans and systems.

DCON Safety Consultants Limited maintains an extensive client list which includes: public sector departments, corporate owners, real estate developers, main contractors, design professionals and infrastructural bodies. A Quantity Surveyor by qualification, Diarmuid consistently demonstrates his extensive knowledge and expertise including prior to setting up DCON Safety Consultants Limited, Diarmuid was responsible for Safety, Health & Quality consultancy services in Ireland for a global project management/cost management consultancy. "I was afforded the opportunity to hone my technical and soft skills while working on some of Ireland's most recognisable projects." Diarmuid stated.



"I would like to take this opportunity to thank Building and Construction Review (Midlands) Limited for this award look forward to our future publications together." Diarmuid concluded.

Contact  
T +353 (0) 1 611 1556  
[www.dconsafety.com](http://www.dconsafety.com)

# Exceptional building chemicals for trade and home improvement

With an impressive combination of technical innovation, cost effectiveness and high performance characteristics, Bond It is one of the UK's fastest growing manufacturers of building chemicals for the building trade and home improvement sector. The company is one of few manufacturers to offer such a comprehensive range in this area, which includes silicones, adhesives, water-based & solvent-based products, liquids, tapes, cements and much more.

Quality is guaranteed across this portfolio, with close supplier partnerships and links to major multi-national chemical companies. Bond It also has a high presence in the export market, supplying products across the globe, meaning its products have also been listed by some of the biggest retailers in the world.

Thanks to its close working relationship with a hybrid polymer manufacturer, Bond It has recently developed a new innovative roofing membrane for the roofing market. Seal It One Coat Roof Membrane



is an easy to apply one coat liquid membrane offering a modern alternative to traditional GRP, PU, silicone and bitumen roof coatings. It is a highly reflective, solvent-free, non-flammable liquid coating formulated for professional roofing applications and requires no special training to apply.

In addition to being used on its own, the membrane can also be used with a primer, accelerator, reinforcement mat, and edging and crack sealer, making it an ideal solution for more demanding situations. Altogether, the system delivers a high performance, watertight, permanently flexible and extremely durable barrier coating for all existing roof substrates, which is guaranteed for 25 years.

In September, Bond It also launched Reload, its new 'green' silicone system to help those in the

building industry reduce their environmental impact. Of course, the need to be more sustainable and conscious of the environment and our climate has never been stronger. This is why Bond It's Reload range of silicones employs a unique reusable design to help minimise waste to landfill by encasing the silicone in an aluminium foil. In addition, both the cartridge and nozzle are completely recyclable, while the Reload's reusable nature reduces the amount of material requiring disposal.

This ongoing product development is in spite of the tumultuous year it has been due to COVID-19. Despite the global restrictions and shut downs, Bond It has continued to progress. "We did have to furlough a number of our staff but our sales didn't falter. We ended up having to employ a further six people in our production and warehousing departments due to increased demand and had to bring everyone back by the end of April," said David Moore, Managing Director. "We saw a switch in demand for product lines during the pandemic thanks to the upturn in DIY work, so our products for decorating and gardening chemicals suddenly went through the roof. This thankfully meant our sales have not been dramatically affected, and figures show we actually surpassed July's sales this year vs. 2019.

"It's uncertain times for all of us in manufacturing at the moment – no one knows how things will pan out. COVID-19 did open up other avenues though and led us to develop a range of sanitisers as well as supplying social distancing tape. We've actively picked up the reins again and are continually striving



to improve products as well as investing in our new product development programme."

It has certainly been a challenging few months, however Bond It remains in a strong and promising position as it looks to the future. To find out more information on its entire range and latest news, head to the website or get in touch.

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# Simplify your concrete washout and wastewater treatment

Building and Construction Review is proud to announce that Kelly Tanks has received our Company of the Year award.

For nearly seven years, Kelly Tanks has been offering innovative and cost-effective concrete washout and water treatment solutions for the construction industry. With a strong focus on simplicity and ease-of-use, Kelly Tanks is committed to developing solutions that solve real-life problems. Its well-established CWS Concrete Washout is the product of choice for washing off concrete wagons and equipment. Following the CWS' success and increased demand, Kelly Tanks has consistently released new products each year to help ensure safe and compliant waste treatment on building sites across the UK.



"We're focused on innovating new solutions and continuous improvement on our existing products," said Kelly Bryant, Director. "Our products are designed to make it as simple as possible for sites to benefit from efficient waste water recycling or disposal. Other products on the market can be complicated and create extra problems for the user, so we have designed ours to alleviate this and make it easy for sites to do the right thing."

Building on the triumphs of its systems for concrete washout and the separation of solids and liquids in wastewater, Kelly Tanks have launched a range of Modular Dosing Units. Used for monitoring and controlling pH levels and/or providing proportional chemical dosing, their unique design means the units can be fitted to most tanks and positioned as required without the need for large, specialised equipment.



"Our water treatment systems are definitely seeing a surge in popularity," said Mark Stubbs, Director. "We're now introducing new water systems that can be easily de-sludged, rather than having to stop the system to do it. This is great for bigger sites using bigger equipment, as they won't have to stop their work, just add to their existing tanks. This is something that customers have been looking for, and we are committed to listening to their needs and problems so we can design and deliver something they want. We also offer bespoke builds. Following a site visit, we'll evaluate customers' needs and design something to suit their exact requirements."



Kelly Tanks is also working on introducing some new products very soon, including new types of systems for higher flow concrete washouts. "We're also introducing new separation equipment, and our pH control has improved massively with the ability now to deal with larger flows," Mark elaborated. "Interestingly, although we are bringing out new systems frequently, a lot of our customers still use some of our original systems. People love the simplicity, and we've barely altered the original system, just made small improvements over the years."

This innovative product range is complemented by a commitment to excellent customer service. "As a company we pride ourselves in putting the customer first," said Kelly. "We are proud of our fast, nimble approach in providing our customers with exactly what they need. As well as our equipment, we can supply familiarisation training, testing services and full onsite water management teams."

"We're also focused on offering round-the-clock service," Mark added. "We're always on hand, out of hours, to answer queries and questions to make sure customers can keep on going. I had one call on a Saturday at 5pm recently, and I responded and got it sorted for them. Offering this level of service is what Kelly Tanks is about. I love to talk to customers and listen – I'm a great problem solver and love a challenge!"

It's this admirable work ethic which has helped Kelly Tanks build its reputation over the last several years, and after the construction industry experienced some uncertain weeks at the beginning of the COVID-19 pandemic, Kelly Tanks is now more in demand than ever. "Things have become extremely busy, not only with returning customers coming back but a lot of new customers as well," said Kelly. "We've upped fabrication to keep up with the demand for our products, putting us in a really good position to supply our customers with the great products and services they have come to expect from us."



Kelly Tanks has clearly had an impressive year, despite the difficulties posed by the pandemic. "Things are progressing very well for us. It's truly a team effort – it's down to everyone being good at what they do and bringing it together as a team," Mark concluded.

If you'd like to find out more information on Kelly Tanks' full range of products, head to the website or get in touch using the contact details below.

T 01889 508944  
[info@kellytanks.co.uk](mailto:info@kellytanks.co.uk)  
[www.kellytanks.co.uk](http://www.kellytanks.co.uk)



# Reflect your lifestyle with bespoke sliding doors

Transform your space with bespoke door fronts from Mirror Door Systems. Established for 26 years, the company is known for its quality workmanship and efficient delivery, and is informed by over 45 years of experience in the building trade.

"We like to work closely with the customers to explore their idea and come up with a bespoke solution just for them," explained Jeanette Mills. "They can come to the show room to get ideas for what they want or come to us with a fully formed idea. We can normally accommodate every customer's



preferences, whether they want something in a different colour, material, or size. The door fronts are ideal for a wide range of things, such as walk in wardrobes, room dividers, or offices – sliding doors are great for maximising smaller spaces. We also do a lot of work with new builds."



Of course, like many companies working within the building sector, Mirror Door Systems was greatly affected by the COVID-19 pandemic. "The building sector basically stopped so any new builds we were working with weren't going ahead. We had to stop everything for about eight weeks, entirely shutting down and furloughing all of our staff.

Then, even when we came back, we were at full capacity but we couldn't get the stock we needed, because everyone was after the same thing so it was in short supply.

"This meant we could keep going for a few weeks until the stock ran out, and then we had to wait for it to come in. It was all a bit of a rollercoaster, but now things are starting to pick up at a steady pace and we're back up to capacity with our stock. Hopefully by February we'll be back to where we were before lockdown.

"Obviously we've had to take measures with our show room. Thankfully, we have large premises so we can be six metres apart if needed! We've got social distancing rules in place to make sure staff and customers feel safe. A lot of people are still worried about coming in, so we can discuss everything over the phone with them. We can send brochures to show you doors that have been made previously, and we can even send a sample A4 door to you so you can see a version of it first-hand."



With this level of service, it's easy to see why Mirror Door Services is a leading UK provider of made to measure sliding door systems. Its full product range includes six different sliding door systems with over 30 different colours, including wood grain finishes.

All of the systems also incorporate anti-jump safety features and have been designed to accept the choice of safety backed mirror, opaque glass and/or panels. They are all available in bulk form, door kits, or made to measure.

Interested in finding out more? Head to the website or get in touch.

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www.mirrordoor.co.uk

# Industry leader in importing certified timber



Vandecasteele Houtimport is a fourth generation, family run business that imports timber and timber products from more than 45 countries. The company specialises in the import, trading and export of Tropical Hardwood from Africa, Southeast Asia and



South America, Scandinavian and Russian Softwood, Siberian Larch, North American Soft and Hardwood and European Hardwood.

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

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



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

100% of the softwoods stocked are certified. Over 30,000m³ of the Tropical hardwood stock is now certified and this number is still growing. Vandecasteele has a dedicated team to ensure all due diligence is up to date. In addition to the strict due diligence process, Vandecasteele has invested in a forest engineer in Brazil to ensure full control on the CoC of the Brazilian timbers purchased. This makes Vandecasteele Houtimport the biggest stockholder of certified tropical timbers in Europe.

A feat within the company's range is Thermo Ayous,

a thermally modified timber which is an excellent choice for cladding. Thermo Ayous is a knot free clear grade hardwood, which has been created using the latest thermal modification processes. Thermo Ayous Wood Cladding is a popular choice next to a whole range of traditional species such as Western Red Cedar, Siberian Larch, Oregon Pine, European Oak and many Tropical Hardwoods which are commonly specified by Architects.

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

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

**Contact**  
T 0032 5643 3300  
www.vandecasteele.be



# Sights set on new heights

Troubled times are upon us all, and in uncertain periods there's one thing for sure: the building industry is crucial to keep the UK economy afloat. While leisure and tourism remain crushed by Covid-19, it's vital for the construction sector to rebuild itself quickly and efficiently.

Which is why construction hoist specialist Direct Hoist has been battling the coronavirus crisis by not just investing in stacks of new equipment – boosting health of the supply chain – but also expanding its portfolio of high-profile clients and sites.

Rob Wilson, Direct Hoist company founder, has witnessed the ups and downs of the construction hoist industry for more than 30 years. He's using that vast experience to grow his business even in the face of a global pandemic.

Rob says, "We're incredibly pleased to be taking on a number of large-scale projects, despite the pressures of coronavirus and the considerable effect it's having on the industry and our staff."

One example of such a project is the Saltburn-by-the-Sea railway viaduct, where Direct Hoist supplied Crossway Scaffolding (Elland) with a GEDA 500ZZP/850 transport platform, tied in to purpose-made scaffolding capable of withstanding the hoist's considerable ability. At about 34m in height and featuring 13 landing gates, the hoist handles an impressive loading power of five persons/500kg in material/goods mode or 850kg as a goods-only lift.

The platform forms part of a fleet of around 50 construction hoists available to hire from Direct Hoist – from scaffold hoists to gantry hoists; from tile hoists to 5x2.9m lifting platforms – all of which are always up-to-date and expertly-maintained.

Rob adds, "Direct Hoist has invested £200,000 in more top-spec GEDA equipment this month alone. I'm still driving the company forward and purchasing the latest kit."

Direct Hoist specialises in GEDA equipment, a respected German brand that's been an industry leader for 90 years.

Rob is keenly aware of the construction industry's need for bigger and ever-more-specialised products. Coupled with health-and-safety regulations, it means a hoist has become an essential tool for almost any site. Construction hoists are part of a fast-moving industry, allowing optimum build speed and cost-effective manpower savings. Today, for instance, a hoist means an entire prefabricated bathroom pod can be lifted into position, rather than spending days running up and down ladders or internal stairwells.

**"Direct Hoist has invested £200,000 in more top-spec GEDA equipment this month alone"**

Of course, planning and erecting hoists is a specialised concern, which is why Rob's team of qualified mechanical engineers is on hand to get the job right – not just now but pre-empting what the site may require in future.

Rob says, "We offer free advice, site surveys and expert project planning. We know what, where, when and how big, and we advise accordingly. We establish what's essential, and what may be wanted in three or six months' time."

So whether you don't yet know how high you'll be building or if a virus is coming to the construction industry, Direct Hoist can lift your firm above any unexpected chaos.

**Contact**  
**T +44 (0)1724 781647**  
[www.directhoist.co.uk](http://www.directhoist.co.uk)



# Specialists in Water Regulation Solutions

Displaying a wealth of industry experience throughout its 21 years in fruition, Arrow Valves Ltd first started specialising in the supply of Reduced Pressure Zone (RPZ) anti-pollution valves to protect the drinking water supply from backflow and assist compliance with the Water Regulations. Establishing itself as the RPZ Valve Specialist, the company has expanded upon its services and now provides a comprehensive range of water regulation solutions which have been specifically designed to assist public health engineers comply with the water regulations.



Arrow Valves manufacture and distribute an impressive range of innovative water associated products and provide bespoke assemblies for customers requiring a particular application.

Arrow Valves is an expert in designing products that specifically conform to the requirements of the latest Water Regulations, assisting a variety of clients including contractors, architects and engineers to ensure they provide clean and safe water.



believe in education - a prerequisite for our team is BPEC Water Regulations qualification. We are continually learning and sharing our knowledge with consultants and contractors.

The Directors continued, "Internally what sets us apart is our culture. Team wellbeing comes first, with profits being shared in the form of international team trips including families. Our premises are not mainstream manufacturing. Board meetings are held in our ball pool. The walls adorned with photographs from previous team trips and motivational anecdotes such as our 'Wall of Appreciation' where we post favourite things about fellow team."

With a continuous approach of investing in quality customer service alongside the

development and enhancement of its team, Arrow Valves has maintained a growing dominating presence producing innovative water regulation safety products and also provides educational services including seminars to increase client's knowledge and understanding of water safety regulations. "Arrow Valves offer free Continuing Professional Development (CPD) seminars. Our IPHE accredited Water Regulations and CIBSE approved Heating Systems seminars are



presented on rotation at our in-house Arrow Academy or on the road at client premises. Both have been adapted for virtual presentation to keep all involved safe during this time." Arrow Valves Directors.

In terms of recent years for the company, Arrow Valves has gone from strength to strength gaining successful sales each year. "Arrow Valves has experienced a period of exceptional sales success, but as many businesses the pandemic has caused a pattern of slower sales due to the closure of building sites for a period and general unrest in the industry. We have continued to work and support one another during the challenge and were pleased to be able to quickly turnaround orders to supply products for the Nightingale Hospitals."



Indeed, with the on-going global pandemic of COVID-19 affecting all businesses and industries, Arrow Valves has also seen the effects on its industry however the company strives to maintain a productive outlook and is continuing to develop its products and

services during these uncertain times. "The pandemic persists as does industry unrest, but Arrow Valves continues to look to the future, developing products to assist compliance with the Water Regulations. Our Research and Development team keep well-informed of technological advances and incorporate these into design to facilitate product



automation, remote monitoring and multiple site management. "The Directors continued, "We are expanding after sales support with our dedicated servicing department; attending site to maximise product longevity, especially in premises which may have closed for long periods due to lockdown."

In terms of the company's future plans, Arrow Valves told us that the company has many things lined up for the future, stating that, "To mark 20 years in business we have recently undergone a rebrand with a new look and logo. We are in the process of launching a new website with enhanced content such as educational videos, BIM drawings and technical literature to aid product selection and specification."

Contact  
T 0144 282 3123  
[www.arrowvalves.co.uk](http://www.arrowvalves.co.uk)



Determined to demonstrate a responsible and passionate approach to water safety, Arrow Valves prides itself on producing the best possible customer service and ensures that all of its team is equipped with the knowledge and expertise to provide accurate advice on specific applications. To this end, the company makes sure that all of its team are BPEC qualified in Water Regulations.

We spoke to the Directors of Arrow Valves, who told us that, "Externally what sets us apart from the crowd is our passion for our purpose of keeping people safe through the prevention of pollution and provision of clean water. We always do what we say and never oversell. We





# The only joinery manufacturer you need

If you're looking for quality, custom-made joinery, look no further than Bluerun Ltd. As a small, family owned joinery manufacturer, Bluerun boasts an extremely loyal team of experts who manufacture everything to the highest quality. "Our team is very loyal. One of our joiners has worked with our MD since he was an apprentice – over 40 years!" said Dee Newman. "We are all hardworking, dedicated and passionate about every piece of bespoke joinery that we make. Bluerun also still works 'old school', using pencil and paper rather than a computer, which we feel makes our work more personalised."

Bluerun's staircases are widely considered works of art, all of which are designed in-house. On top of this, Bluerun can create bespoke



items, from bookcases and window frames to countertops and door sets. Whether you need a one-off item or a production run of doors and windows for a housing development, a new interior for your premises or a bespoke shop front, Bluerun is perfectly placed to deliver exactly what you need.

From its well-equipped 7,000 ft<sup>2</sup> factory, Bluerun's team of highly experienced and qualified bench joiner machinists can manufacture all joinery requirements. Instead of producing speculative items for stock, Bluerun only produces purpose made joinery to fit clients' drawings and specifications. Quotations for such work are normally provided for free within 24 hours or less, and Bluerun

can deliver a quick turnaround for any items required.

Bluerun also boasts an experienced spray operative in charge of a modern spray paint and lacquer facility, meaning articles can leave the factory fully finished and ready for installation. Then, Bluerun's own vehicle fleet delivers goods directly to site, and the company also has a team of site fitters available.



The majority of Bluerun's production is for commercial builders and manufacturing, and it can provide all types of commercial joinery products, whether it's large scale repeat production runs or small scale custom internal and external projects. In the past, Bluerun has manufactured joinery for Multiplex Cinema fitouts throughout the UK, Ellesmere Port, Harlow & Brent Cross shopping centre fitouts, and also fitouts of various Texas Home Care (now Homebase) stores. In addition, Bluerun routinely manufactures bars and reception counters for hospitals, offices and schools, pubs, and restaurants, and has supplied several bespoke shop fronts including for Waitrose and Starbucks.

As well as producing modern styles to suit offices and commercial projects, Bluerun can also produce high quality



joinery to meet the specific standards of conservation areas or heritage sites. This includes shopfronts in sensitive conservation areas, and a 10-metre high oak hardwood catapult for Stansted Mountfitchet Castle.

Of course, this year has been challenging for us all, but Bluerun has managed to adjust to a new way of working and continued to run despite the difficulties. "The last year has had its ups and downs. We had a strong start before the pandemic, a quiet period during the initial lockdown phase, then a surge of commercial jobs when the construction industry started work again. We've found that our domestic enquiries have increased this year, and we get regular referrals from previous clients.

"Due to staff being furloughed, the COVID-19 situation has been challenging at times. Staff shortages in the office means our paperwork can take longer to process, and the necessary risk assessments, additional



cleaning routines and prevention measures all take time to implement. The staff that remain working all follow the relevant regulations, and in this instance it works in our favour that we are a small team in a large workshop.

"We have all found this new normal quite challenging but we have adapted extremely well. The start of the lockdown was definitely a worrying time for us all, but the whole of the



team rallied together and have all done their best to ensure Bluerun remains trading – we want to still be here for our 30th birthday in October 2021."

Indeed, the loyalty and dedication of Bluerun's team is sure to secure the company's future. Bluerun is hoping to further expand its workforce while also looking at more ways to be more cost-effective. "This would then mean we could pass any relevant savings on to our clients within prepared quotations," Dee explained.

With such a wide scope of services and the skills and expertise to support them, Bluerun is the only quality joinery manufacturer you need for your project. If you're interested in finding out more, head to the website or get in touch using the details below. You can also find Bluerun on Facebook, Instagram and LinkedIn, so be sure to pop over say hello.

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# Premium hardware supplies with customers at the heart



Building and Construction Review is proud to feature Hardware Warehouse for our BCR Recommends profile.

Established in 2012 by Katie and her partner Rob, Hardware Warehouse has seen fantastic growth in the last few years, selling metal and PVC profiles, metal sheets, storage hooks and garden accessories to both domestic and commercial customers. Offering next day delivery as standard, Hardware Warehouse boasts a large stockholding but with no minimum order, delivering stock to the customer's site and even offering morning delivery if they need a particular product for work that day.

The company's ongoing expansion has continued throughout 2020, despite the challenges of the COVID-19 pandemic. "Initially it was very worrying working out how we were going to work within new restrictions and sort the orders in the warehouse," said Katie Clarke, Director. "Our team has been incredible, working long hours and doing their bit to keep us going."



"We saw a huge increase in domestic customers due to everyone being at home doing DIY during the lockdown. This increase in popularity had a knock-on effect and meant that a lot more trade customers have found us. So, we're now focusing a lot on the commercial side of what we do, expanding our range to meet trade requirements."

Of course, this expansion has only been possible thanks to Hardware Warehouse's particular emphasis on excellent customer service. "As well as the products we sell, we focus on our customers, which continued despite all the craziness of the pandemic. This dedication saw us through and helped us come out the other side even stronger than we were."

As well as specialising in profiles, a range which is widely respected for its quality and high stock levels, Hardware Warehouse is looking at sourcing bigger ranges of other items in its portfolio, notably its brass line. "This is very popular and we want to expand the range of sizes we offer to address customer demand. With our increase in trade customers, we're getting more enquiries for different items – other companies have stopped selling a lot of products so we're one of the only places that sources some of the things our trade customers need."

This growth is in addition to developing a more sustainable plastic range. "We're looking at offering more environmentally friendly products," Katie said. "We've been doing a lot of research on products made from recycled plastics and how we can offer these to our customers, so it's something we really want to focus on as we move forward."

"We'll also be expanding the company as a whole. We're recruiting for more roles and we're growing our website to make it more

automated and efficient. We're adding functions that are bespoke to trade customers, so there will be ways for them to know when the next delivery is so they know when to place a big order, there will be a more efficient quoting system, and there will also potentially be the option to see prices ex-VAT. We really do look to adapt and grow all the time."

If you would like to find out more information on everything Hardware Warehouse offers, head to the website or get in touch.

**Contact**  
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## Windows & Doors News

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## J & P Building Systems

J & P Building Systems is pleased to announce that its popular ISOPRO® and ISOMAXX® range of thermally-isolated balcony connection products have recently been issued with a European Technical Assessment (ETA 17/0466). The document provides verification by all European building authorities of the structural capabilities and security of ISOPRO® and ISOMAXX® under fire conditions.

ISOPRO® and ISOMAXX® products are typically

used to provide connections between the building structure and exterior concrete balconies, but are also used to support walkways and other exterior concrete features.

In addition to providing secure and reliable connections, ISOPRO® and ISOMAXX® also prevent thermal bridging at the connection points, which improves the thermal efficiency of the building envelope and so helps prevent heat loss, condensation, and mould growth in

interior rooms. A copy of the European Technical Assessment (ETA 17/0466) and details covering the technical performance of the full range of ISOPRO® and ISOMAXX® thermally insulated balcony connections can be downloaded from [www.jp-uk.com](http://www.jp-uk.com).

**As always, J&P's friendly sales and technical teams are available to give advice on your project, and can be reached at [enquiries@jp-uk.com](mailto:enquiries@jp-uk.com) or by telephone at 01844 215200.**



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## Architectural hardware at its best



Founded in 2010, Zoo Hardware has grown rapidly over the last ten years and now features a team of over 40 expert staff members.

One of the company's notable new ranges is the Flexifire intumescent ironmongery protection products, which add an extra level of protection in the event of a fire. These are ultra-thin and flexible high performance intumescent sheets which feature high levels of expansion and insulation, preventing heat transfer on ironmongery rebated into timber doors. These sheets are safe to handle, with no fibres or irritants, and are only 1-2mm thick, ensuring minimal rebating is required. What's more, Flexifire products are flexible and clean to work with, with the ability to bend without cracking. They are also easy to cut into shape with household scissors and can be provided with or without adhesive backing. Finally, Flexifire intumescent sheets are unaffected by moisture, humidity, atmospheric pollution, and other common industrial and household chemical substances.

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

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## Frametech Essex Ltd

At Frametech Essex Ltd we pride ourselves on our knowledge on all things structural carpentry. Established in 2009 by one of our company directors, Andy Perkins, Frametech have delivered a high standard of work on countless projects across the south of England. We have worked alongside many of the UK's top timber frame and engineering specialists.

In the current climate, where the speed of on-site build is key, we have helped many construction companies in their choice of using timber engineered builds over traditional block and brick methods. At Frametech, we truly believe this is the future of construction. Not only does it increase the on-site production, but it is also a natural and

sustainable material with higher insulating properties.

Would timber frame be right for your build? We have worked on many projects large and small and would always look to advise people where we can on the potential benefits of timber engineered products. Whether it be prefab timber frame panels, pozi-strut joists or trussed rafter roofs, we work closely with several engineered timber manufacturers to ensure we provide all our clients with all of their project requirements.

For more information please visit our website at [www.frametech-essex.co.uk](http://www.frametech-essex.co.uk)



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## SDG Pioneer certificate



Vandecasteele Houtimport has obtained the 'SDG Pioneer certificate' from UNITAR CIFAL. This makes Vandecasteele Houtimport the first timber company to obtain this award.

On Tuesday 27 October 2020, 88 Belgian companies received the SDG Pioneer certificate from UNITAR, the United Nations Institute for Training and Research. The companies were guided by Voka (Chamber of Commerce) for the last three years to focus intensively on each of the 17 Sustainable Development Goals of the United Nations.

Since the year 2000, Vandecasteele Houtimport has committed itself through the Corporate Sustainability Charter by signing up to environmental objectives exceeding the applicable legislation. The Charter brings together companies who voluntarily further strengthen all aspects of their business to set exemplary standards for others to follow. It is a management tool and is based on the 5 'P's: People - Planet - Prosperity - Partnership and Peace.

Voka has been guiding companies towards sustainable entrepreneurship for the last twenty years through the Environmental Charter. In 2018, they shifted up a gear by entering into a partnership with CIFAL Flanders, the local hub of UNITAR, the United Nations training & research institute. As a result, companies that participate in the Voka Charter Sustainable Business (VCDO) can from now on receive a UN recognition: a 'Certificate of Completion'.





Companies that participate in the process for at least three years and thereby set up actions for each of the 17 Sustainable Development Goals (SDGs), receive the UNITAR SDG Pioneer certificate after a positive evaluation.





Vandecasteele Houtimport is very proud to announce the achievement of this 'SDG Pioneer certificate'!

Contact  
T +32 (0)56 43 33 33  
[genevieve@vandecasteele.be](mailto:genevieve@vandecasteele.be)  
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## A developers first steps in to Passive Haus, path finding into a helpful community...

### First steps

The Passive Haus Institute had a huge influence on developing the company's vision and to show the institute the companies support is one of the Pure Haus goals. The principles to work to were very consistent with the company's ethos for sustainability, quality, health and comfort. Taking pride in your home and local community was at the heart of our long term vision; Building Stylish and Sustainable Communities.

### Values Driven

After committing to the goal of reducing the carbon footprint of the built environment the affect was so substantial Pure Haus found themselves promoting

Passive Haus to anyone who would listen to them, there was a new buzz within the company. The first challenge was naming the company.... Pure Haus emerged the winner. Implying a German inspired house builder with a goal of making the world a cleaner, healthier place. The second goal was to identify the people who can help remove assumptions from the equations and replace them with facts.

### Working with like minded people

Aligning with like minded people, who demonstrate this enthusiasm by going above and beyond our expectations, is the driver of this business. Our Builders have taken time to travel and see other sites under

construction to learn a new skills, to say they are excited about timber framed housing and its potential would be an understatement. Working to this standard is an opportunity that's rare; for them to be given a chance to do something worthwhile, get paid, and leave a legacy appealed to them!

### Future challenges

Having secured relationships with financiers and landowners the biggest challenge moving forward is to have the operations of the company scaled up to match the ambition of the company.

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



## Luxury living in Seaton



The dream of luxury living in a spectacular penthouse with stunning panoramic views across Lyme Bay is closer than you may think.

A unique opportunity to acquire the splendid top floor penthouse in the exclusive contemporary Passivhaus apartment block on Seaton's seafront can now be a reality for one fortunate buyer.

Rising a storey higher than its neighbours, with its curving contemporary lines and glass-fronted balconies, the Seaton Beach development stands out in its East Walk location in more ways than one.

Beautifully designed, the distinct architecture of the building echoes the curve of the bay, and makes a strong impression on Seaton's seafront.

The architects have paid meticulous attention to the design and build quality of the property making it highly functional from an environmental perspective and passing the strict certified Passivhaus eco-standards. Outstanding high-tech and eco-friendly features throughout, enabling excellent energy efficiency, air tightness and good insulation. Thanks to the solar panels on the roof, the building generates more energy than it uses.

The building's jewel in the crown is undoubtedly the Penthouse that occupies the entire top floor and benefits from a 360-degree surround balcony overlooking Lyme Bay and down the Jurassic Coast.

From this elevated position the views are truly magnificent and will take your breath away. Clever interior design makes the stunning views the absolute feature of the apartment with glass balcony doors offering a floor-to-ceiling panorama of sea and sky.

The upmarket apartment oozes class and distinction. A spacious, open-plan kitchen/dining and living room areas leads onto two-bedroom suites, a third bedroom and a family bathroom.

The high-quality English made Quantum Kitchen is complimented by Silestone worktops with curved corners, all designed by Fords of Sidmouth. And the fully tiled bathrooms and en suites with Rak wall hung ceramics and Grohe fittings have also been designed and fitted by Fords of Sidmouth. Another nice local touch is with the high-quality Axminster carpets and thick acoustic underfelt that have been used throughout. There are countless small details designed to make life easier, including a sophisticated ventilation and heat recovery system, which provides fresh air, filtered to remove pollen and dust.

There is a lift with an exclusive penthouse entrance and a convenient storage unit on the ground floor that is an ideal space for a surfboard, bike or mobility scooter. There is secure access to rear parking via electric roller shutter doors and a private parking space for the penthouse's exclusive use that is pre-wired for electric cars.

Not surprisingly, the other seven apartments in the block have now been sold, even before the building was complete.

The property comes with a 999-year lease with a 2/9 share of the freehold.

Anyone interested in this unique development should visit [www.seatonbeach.co.uk](http://www.seatonbeach.co.uk) or call Mike Webb directly on 07968 170 896.



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360 Height Projects is a multifaceted fall protection specialist, based in the North East of England. We operate nationwide in a multitude of sectors such as, marine, offshore, construction, facilities management, mining and industrial. We pursue every job with a passion to create the best outcome for our clients.

Building positive relationships, providing high quality work and ensuring health and safety are our main objectives. Our team comes from a number of

different backgrounds, with a wealth of experience in the industry, and are thoroughly trained to guarantee maximum safety and deliver an unrivalled safe system of work.

We pride ourselves on offering tailored advice and providing bespoke solutions, allowing us to take on the jobs that others may not.

With that in mind, we can supply, install and inspect the systems that you may

require, and thus ensuring the safety of anyone working at height.

An overview of the services we provide include: fall protection systems such as, horizontal lifeline systems, vertical ladders, various edge protection, anchor points and more; rope access and rigging; collective and passive protection and equipment inspection, hire and sales.

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Rubberseal are the main UK importer and distributor of Firestone EPDM, lightweight metal roofing and liquid roofing systems. Our very own Liquiflex-Pro roofing system is the latest addition to our product range, excelling in the long term, watertight protection of various projects across the roofing, rail and construction industry. Our green roof system has been hailed upon as revolutionary thanks to its clever, modular tray design, saving time on installation while contributing to a greener planet.

Rubberseal are continuously adapting and growing into changing times. In fact, amidst the COVID 19 global pandemic, Rubberseal have continued to soar, acclimatising to new restrictions while achieving a record breaking 5 months! From superior products to inventive tools, our industry expertise has enabled us to forward think, bringing a unique liquid applicator to the UK and a completely self-adhesive felt system (designed in house) to the year 2020.

As a Company, we offer unmatched proficiency and customer service. Our dedicated team made up of Area Managers, Laboratory Technicians and Technical Representatives are armed with an abundance of industry knowledge and infrastructure, ready to support our wonderful clients.

Communication is very much at the heart of what we do, including our social media presence. We take pride in establishing and fostering effective working relationships through both traditional and modern means.

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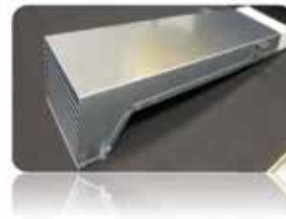


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Reducing heat flow through a building's thermal envelope reduces energy consumption as well as potential condensation issues. To achieve higher R values, thermal bridging and air leakage must be minimised. As early as 2006, many European countries had already instituted improved energy rating systems for new buildings to better control and reduce domestic energy consumption. Nearly 10 years ago, in response to an EU initiative to improve the energy performance of buildings even further, Armadillo Ltd developed its first thermal break material, Armatherm™ to prevent heat loss due to thermal bridging.

Since 2011, drawing on Armadillo Ltd's experience, Armatherm™ has been working with architects and structural engineers in North America to improve building design details and reduce heat loss due to thermal bridging within the building thermal envelope.

Armatherm™ is one of the leading suppliers of structural thermal break materials for the construction industry. Our goal is to provide architects, structural engineers and building design professionals with effective solutions to prevent thermal bridging.

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## AJ Products and ukactive investigate how to tackle sedentary behaviour in the workforce

AJ Products UK and ukactive have teamed up on a report to examine the impact of working practices on employee health and wellbeing. Tackling sedentary behaviour in the workforce is a comprehensive study into the state of workplace health that looks at the risks associated with long hours spent sitting at work, whether that work is office-based or remote, and what can be done to improve activity levels among the working population. The report investigates how

office spaces must change as well as what companies can do to support remote workers and ensure wellbeing practices are sustained away from the physical workplace.

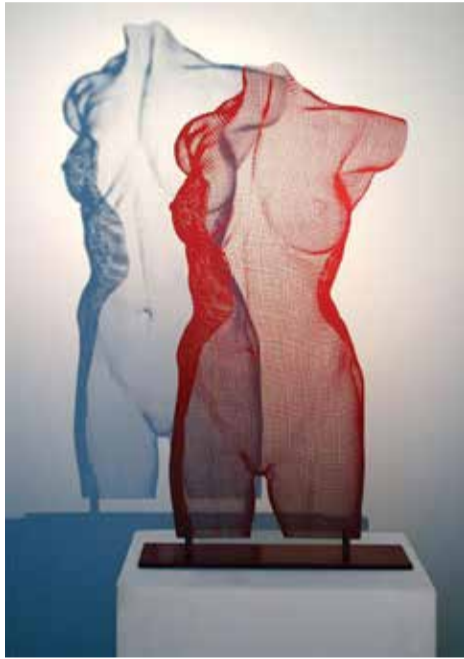
It also examines real-world solutions based on case studies from businesses of all sizes that are running successful wellbeing programmes in order to provide a 'best practice' guide, including how these programmes have been adapted in

light of COVID-19 to provide the same level of care to employees working from home. The case studies demonstrate how simple measures such as equipping offices and homes with better furniture and encouraging employees to increase their physical activity levels can mitigate the negative health effects associated with sedentary behaviour during the workday.

[Download the report for free at www.ajproducts.co.uk](http://www.ajproducts.co.uk)



## Public Sculpture



Art for the public to enjoy has taken many forms from the Pyramids and Sphinx in Ancient Egypt with its quasi religious and Royal elements through the classical Greeks and Romans setting the standard in the body beautiful of gods and goddesses and their triumphal depictions of heros both mythical and real.

The renaissance was really the next wave to influence public art and again religion was the main source of inspiration with Michaelangelo's David and La Pieta probably the best known.

This heavily influenced the next movement which was a combination of the effects of the grand tour with many famous collections both private and public built up combined with the surge of the Georgians and Victorians commemorating the heros of the day with possibly Nelson's Column being the most famous.

It was then that nonrepresentational art emerged with The Eifel Tower in Paris being the most obvious example followed in yet another direction by Henry Moore and Barbara Hepworth making Abstract a controversial for some and popular for others, break from tradition.

The present day is heir to all these influences which pull in so many different directions and is spread like a feast to be picked over and chosen from with discretion and taste.

Peter de Sausmarez director of ArtParks International and its massive Sculpture Website, says that it is fascinating to see such a variety of different works and styles that are being chosen to embellish Public spaces, Hotels and Offices where it is essential to have only the best.

Specifiers, Interior Designers, Planners seem to find nearly 500 categories of thousands of sculptures from all over the world an easy and ready source for inspiration, selection and commissioning Art for today.

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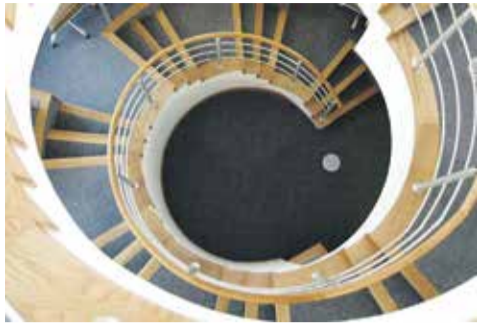
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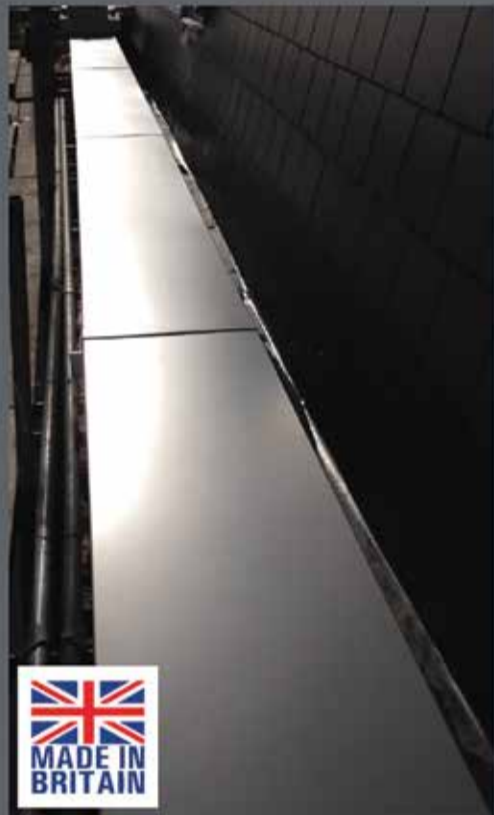
BCAL Consulting is at the leading edge of the use of Building Information Modelling (BIM) and the production of 'Digital Twins' alongside the physically constructed project. We invest heavily in the latest software and training to ensure that we can add value to a project. BIM enables the information exchange throughout the design team to ensure an effective and efficient design.

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## The Van Insurer reports a boost in quote requests from UK's van drivers



As the UK continues its exit out of lockdown, leading insurance price comparison specialist The Van Insurer has reported a significant increase in quote requests as the nation's van drivers get back out on the road.

The online price comparison expert processed 15 per cent more quote requests from van drivers in June compared with the previous month and noted a sizeable 52 per cent rise in requests between April and June this year, as the nation eased out of lockdown.

The Van Insurer's year-on-year statistics provide a further boost with quote requests rising by an impressive 41 per cent between June 2019 and June 2020, suggesting a positive outlook for the sector.

Ed Bevis, Commercial and Marketing Manager at The Van Insurer, says: 'There's no doubt that it's been a gloomy time for the industry but this data indicates a growing confidence in the sector, and it couldn't have come at a better time.'

'In addition to quote requests, we've noted a staggering 67 per cent more hits on The Van Insurer's website between April and June. Whether that's due to people changing career due to coronavirus and needing a van for work, or van drivers looking for the best advice on how to save money during this difficult period, we're primed and ready to help them however we can.'

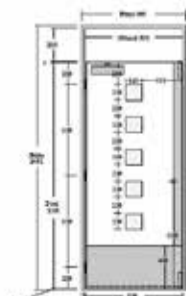
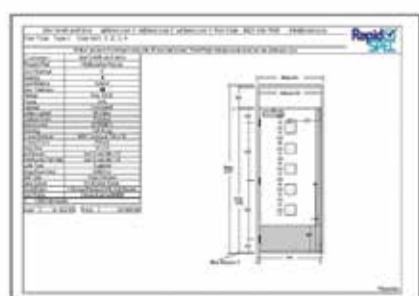
'We know that every industry will take time to recover from the impact of the pandemic but we're pleased to be able to report some good news and are hopeful that this upward trend will continue as we ease further out of lockdown.'

**For more information on The Van Insurer and its 'Cheapest Price Guarantee', visit [www.thevaninsurer.co.uk](http://www.thevaninsurer.co.uk)**



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Frames for Job No.0	Batch	Location	UNIT	Order Status
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Unit 2	02	Interior	1000	1000
Unit 3	03	Exterior	1000	1000
Unit 4	04	Interior	1000	1000
Unit 5	05	Exterior	1000	1000
Unit 6	06	Interior	1000	1000
<b>Material - Section B - Normal Intercombed (P-1000)</b>				
Unit 1	01	Exterior	1000	1000
Unit 2	02	Interior	1000	1000
Unit 3	03	Exterior	1000	1000
Unit 4	04	Interior	1000	1000
Unit 5	05	Exterior	1000	1000
Unit 6	06	Interior	1000	1000



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## Wales Timber Solutions: specialist manufacturer, supplier & erector



Wales Timber Solutions is a timber frame and web beams manufacturing company based in the heart of Snowdonia, North Wales. The company has grown steadily over the years without losing its identity or commitment to its varied customer base.

As a family run business, the company has over 35 years' experience in both traditional building methods and timber frame construction, supplying bespoke packages to self-builders, developers, housing associations and the commercial market.

Offering a fast and friendly personal service, Wales Timber Solutions can guide you through all stages, including building regulations, planning, and design selection, to ensure an energy-efficient final build.

The company can deliver packages for all types of designs from one-off bespoke units to multi-storey dwellings up to four storeys, and provides a full range of frame specifications to suit your particular project.

What's more, Wales Timber Solutions has dedicated teams of fully experienced carpenters who are supervised throughout to the completion of their schedule of works. The company is on hand to offer advice and to answer any queries during the construction process. All frames are snagged to ensure compliance with the working drawings and to ensure high quality of workmanship.

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## Hadspen Quarry Ltd

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

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

Natural stone can be used as a finish not only on the exterior as a walling or cladding stone but also lends itself incredibly well to interiors. It never goes out of style and the recent boom in the return to the use of natural British stone is the proof in the pudding.

Hadspen Quarry's range of Blue Lias Flooring, Wall Tiles, Flagstones, Walling Stone and Cobbles have been used extensively at the prestigious new development The Newt In Somerset, as well as other projects both big and small. They supply and deliver custom-made Blue Lias flooring for customers across the UK.

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

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

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## Avoiding landfill & saving millions



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

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

Dunton were called upon to provide their expertise in the disposal of potentially hazardous waste soils that were to be excavated from the land. Of course, with large sites, the significant volumes of waste material mean that even the saving of a few pounds per tonne can end up equating to tens of thousands of pounds by the end of the project. This is where Duntons vast experience in the handling of hazardous materials, combined with their strong network of UK waste treatment facilities, ensures that the client will always benefit from the most cost-effective distribution of the waste.

Duntons Environmental Manager for this project, Adrian Jefimiuk writes:

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

Having worked closely with our client since May, Dunton have already handled over 4000m<sup>3</sup> of waste soils, saving the client over £700,000 in landfill taxes.

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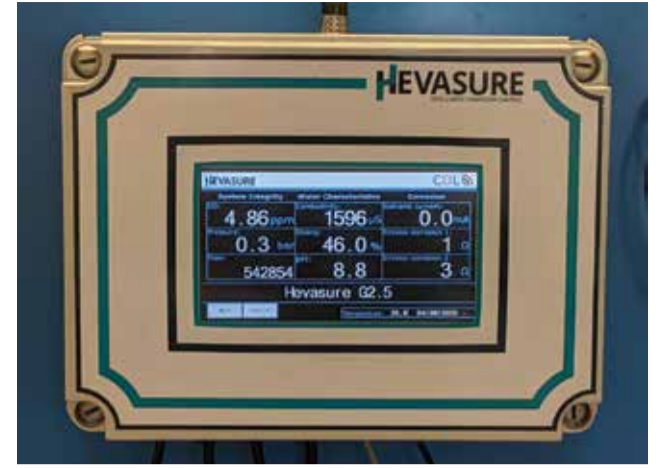
Common applications include commercial premises, in both the public and private sector, district heating systems, data centres and hospitals. Hevasure's 24/7 real-time solution can be used to monitor conditions at all stages of a water system's life, from pre-commissioning cleaning through to handover and on-going maintenance.

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With our production range extending to balconies, indoor and outdoor balustrades here at Heartlands, we believe we are a company with best practice in operation from receipt of the initial enquiries to site surveys, CAD drawings for customer design approval through to quality production and installation.

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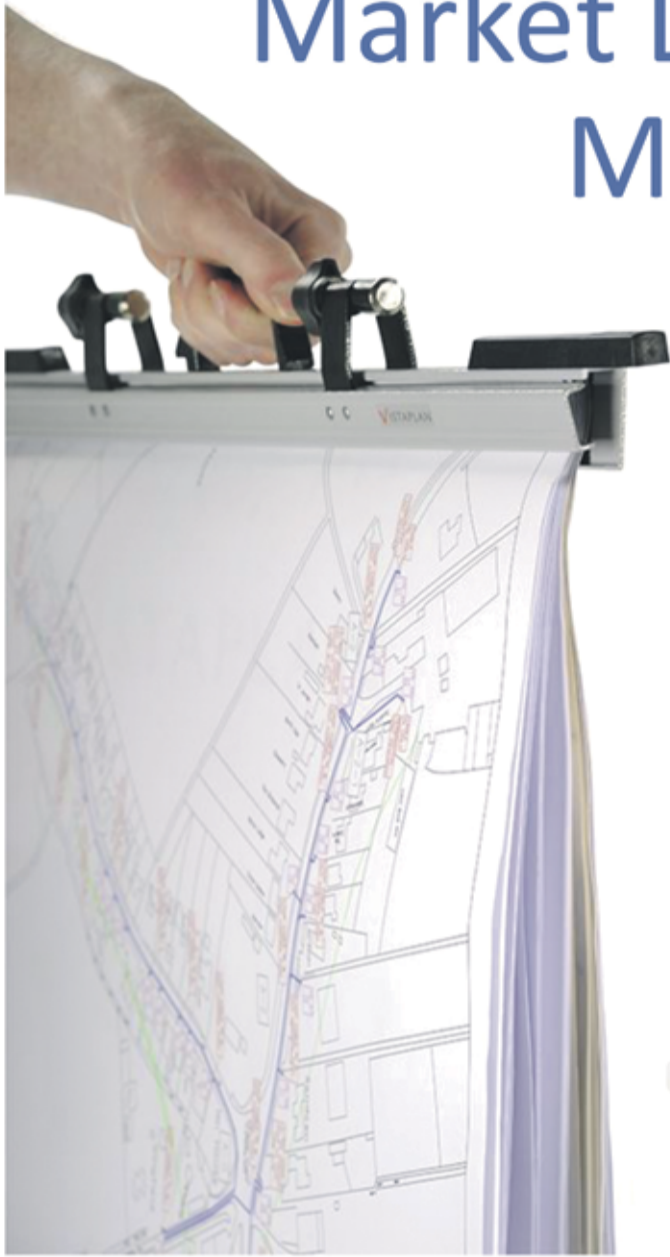
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