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M A G A Z I N E

Issue 41 2019

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Cork House wins Stephen Lawrence Prize 2019

The Royal Institute of British Architects (RIBA) has named Cork House, an ingenious carbon-neutral private house in Berkshire, made almost entirely from cork, as winner of the 2019 Stephen Lawrence Prize.

Cork House, by Matthew Barnett Howland with Dido Milne and Oliver Wilton has solid structural cork walls and a cork roof. All the cork components simply slot together, without glue, enabling them to be easily disassembled, reused or recycled. Located in the grounds of a Grade II listed 19th century mill house, it beautifully reflects and respects its natural surroundings.

The Stephen Lawrence Prize aims to encourage new, experimental architectural talent, celebrating and rewarding projects with a construction budget of less than £1 million. First awarded in 1998 in memory of Stephen Lawrence, who was taking steps to become an architect before his untimely death in 1993, the £5,000 Prize has been sponsored by the Marco Goldschmied Foundation since its inception.

Source RIBA

Latest CIFAS research reveals five percent increase in mortgage fraud in the first half of 2019

Cifas, the UK's leading fraud prevention service, has revealed that mortgage fraud has seen a 5% increase in the first six months of 2019 compared to the last six months of 2018. These figures are being released as part of the Cifas 'Faces of Fraud' campaign, which aims to highlight the fact that what some view as a victimless crime, is both illegal and could have serious consequences for those involved.

Mortgage application fraud occurs when either false or altered documents are provided in support of a mortgage application (fraud by production of a false document increased by 14% and fraud by submitting altered documents increased by 32%). Such applicants often provide false or altered bank statements and proof of income as a way to validate their income for mortgage applications.

Interestingly, nearly half of those caught committing application fraud (45%) were aged between 31-40 years old, a 16% increase compared to the last six months of 2018. They were closely followed by those aged between 41-50 years old who saw a 6% increase.

Coincidentally, recent research carried out by Cifas and WPI Economics revealed that people in the 35-44 age category were more likely to think that exaggerating their income on their mortgage application was 'reasonable' than any other age group.

In terms of regional breakdowns, the West Midlands saw the highest increase in fraudulent mortgage applications at 43%, whereas cases in the North East rose by a third.

Cifas is urging people to stop, think and consider the serious consequences of making false representation in mortgage applications. Taking out a mortgage based on a false income could result in homeowners being unable to repay the debt later on. Other consequences could include; blacklisting against future product purchases, or possibly being reported to the police for investigation - potentially leading to a criminal conviction and a prison sentence.

Mike Haley, Chief Executive Officer of Cifas, said, 'It's easy to assume that making exaggerations to improve the chances of your mortgage being approved is harmless, but the reality is that this is fraud and the consequences can be very serious.'

'Mortgage providers carry out rigorous checks, and so exaggerating your income or withholding any change of circumstances could result in it being harder to obtain financial products in the future such as mortgages and loans. In more serious cases, this kind of fraud could result in a hefty fine or a prison sentence, or the possibility of losing your home.'

Source Building Societies Association

Network Rail wins 2019 RIBA Client of the Year

The Royal Institute of British Architects (RIBA) has announced Network Rail as the winner of the 2019 RIBA Client of the Year. The annual RIBA award recognises the role that a good client plays in championing brilliant architecture.

Since its foundation in 2002, Network Rail has been responsible for a significant number of RIBA award-winning projects in Manchester and London, connecting people throughout the UK.

Network Rail's RIBA Award winning projects include: Manchester Piccadilly Station by BDP (2003), St Pancras International by

Foster + Partners (2008), Blackfriars Station by Pascall+Watson (2013), King's Cross Station by John McAslan + Partners (2014), and King's Cross Square by Stanton Williams (2015). In 2019 their award-winning projects included Hackney Wick Station, with London Legacy Development Corporation, by Landolt + Brown; London Bridge Station by Grimshaw; and Ordsall Chord in Manchester by BDP.

Chair of the RIBA Client of the Year jury, Jo Bacon, said:

"Network Rail have made considerable investment in projects to transform rail infrastructure across the UK. With their incredible record of commissioning RIBA chartered architects and their commitment to the creation of high-quality civic spaces, Network Rail is a worthy winner of the 2019 RIBA Client of the Year."

BRE appoints Piers White MBE as new Chair

BRE Group has appointed Piers White MBE as its new Chair and announced that he will commence his role at the end of November 2019. He joins BRE Group for the next three years at a time when the built environment industry is going through an exciting period of change and innovation.

Mr White brings a wealth of experience to the role, having filled almost 40 senior board positions in a career spanning more than 30 years, including almost a decade as Non-Executive Director at Hyde Housing, one the UK's largest housing associations.

Mr White also acts as Chairman for MOD technology business Ploughshare Innovations, and for Heathrow Airport's export and import service Courier Facilities

Limited. Prior to these roles, he was UK Chief Executive and a member of the Group Management Board of Bank Insinger de Beaufort NV, until the sale to BNP Paribas in 2008, and also spent 15 years in retail banking at Barclays, where his last role was Service Director running the UK branches with 20,000 staff.

Mr White said: 'I am delighted to have been given the opportunity to lead this important organisation at a time when it can provide vital leadership to the myriad challenges currently facing the building environment sector. Challenge brings opportunity and I am looking forward to working with the leadership team and BRE Trust to ensure BRE continues to play a leading and innovative role in building

construction, performance, safety and sustainability'.

BRE Group CEO, Gillian Charlesworth said: 'I'm delighted to have the opportunity to work with Piers, whose skills, energy and ambition for BRE are clear. I'm confident that, with Piers in the chair, BRE will play an ever more important role in enhancing the built environment.'

BRE Group is owned by the BRE Trust. Trust Chair Sir James Wates added: 'I would like to congratulate Piers on his appointment. He brings extensive board and business experience which will be an asset to our profit for purpose agenda'.

Source BRE Group

Tool Theft Affects 8 in 10 Builders

More than three-quarters of Britain's builders have been victims of tool theft, with some having lost more than £20,000 worth of tools in the past ten years, according to new research by the Federation of Master Builders (FMB).

Brian Berry, Chief Executive of the FMB, said: "Decisive action is needed to tackle tool theft. Eight in ten builders report that they have had tools stolen before. This is causing mental health issues amongst builders with reports of depression, anxiety, anger, frustration, stress and even suicidal thoughts. The Government needs to look into tool theft and consider the need for the introduction of tighter regulations around selling second-hand tools, and greater minimum fines for those convicted of tool theft."

Source Federation of Master Builders

Consumer Demand for New Homes Falls By 8%

Consumer demand for new homes has fallen by 8% over the last year to its lowest level since 2013. This is according to the latest Federation of Master Builders' (FMB) House Builders' Survey, the only annual assessment of small and medium (SME) house builders in England.

Brian Berry, Chief Executive of the FMB, said: "Small house builders are starting to see the effects of Brexit uncertainty taking its toll on consumer confidence. Many prospective homeowners are clearly holding off buying until there is more political and economic certainty. Hopefully this is just a short-term pause, and that post-Brexit, demand will pick up once again."

Source Federation of Master Builders

Build UK Publishes Public Sector Retention Policies

Build UK has reached the latest milestone on its Roadmap to Zero Retentions by publishing the retention policies of major public sector clients that procure construction services.

Obtained by Build UK directly from each public sector client, this information brings much-needed transparency to the construction sector by enabling the supply chain to understand whether to expect cash retentions in contracts on projects procured by Government departments, ministries, agencies and public bodies. It includes the retention percentage generally included in contracts between the client and its Tier 1 contractors, as well as when the money should be released.

A number of public sector clients have a policy of generally not withholding retention, including High Speed 2, Highways England and Network Rail. However, there are significant complexities in the various policies, including exceptions that exist for certain types of project and the use of retention bonds. Details can be found on the Build UK website.

Build UK's Roadmap to Zero Retentions sets out specific actions in a phased approach for the construction industry to achieve zero retentions. Going forward, Build UK aims to include information on private sector clients, seek commitment from key clients to implement the Minimum Standards on Retentions published earlier this year, and develop alternatives to retentions.

Source Build UK



Creating the exceptional with Guy Phoenix

Hermitage, Edwalton

'Hermitage is the latest creation of the eccentric property developer Guy Phoenix. Renowned for his exceptional properties Guy Phoenix builds homes to a different standard from the normal homes you expect to see on the market.

Hermitage is a luxury modern mansion set in one and a half acres of Edwalton Nottinghamshire. Edwalton being one of the most desirable areas in the East Midlands and home to numerous celebrities including England sportsmen and well-known politicians. With easy access to major road networks this property is ideally located for commuting to numerous major cities. With a helicopter / eVTOL landing pad within the grounds the Capital is only 40 minutes away. The house itself is beyond explanation in a few words. It's not a home it's art, pieced together by Guy and his team with extreme attention to detail in every aspect of the build.





The property has been sponsored by Armani no less among other well-known brands and has recently been nominated to represent the UK in the property awards. Guy explains the eventual owner may not want his home showcasing at this level and no longer participates in ceremonies although he's never entered into any awards without winning.

"I'm not wanting to sound lethargic but we've sort of changed the model. Previous homes have had sharks and even piranhas but now I just concentrate on quality internal design and fittings throughout. At the time it put me on the map and was very different and exciting. Nowadays I like to think I'm a little more refined.



Architectural Projects

Lighting is a favourite tool of mine and exceptional finishes in every room from the floor to the ceiling. Security also now an enormous consideration. My clients are all wealthy individuals generally at the top of their game and they want to know I am too. Something goes wrong they want it putting right immediately and rightly so.

We don't build homes on request anymore we just design, build and then sell. This works much better whereas we're not having to appease the client from the outset with they're ever changing minds and indecision. It takes an enormous amount of time and consideration to get a house as perfect as Hermitage.'



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The Stone and Ceramic Warehouse

What are the most important practical considerations homeowners should bear in mind when it comes to specifying the bathroom flooring? Are there any particular materials you would (or would not) recommend? The single most important thing to consider when choosing a bathroom tile is 'is the tile fit for purpose?'. Tiles have various finishes and different levels of anti-slip which will all affect their suitability. At SACW when looking at tiles for a bathroom floor, we

would recommend one with a slightly textured surface, and if it is a wet room even more texture again. This will ensure that they are anti-slip and safe. A highly polished porcelain tile would be unsuitable for a bathroom floor, as they are very slippery when wet. From a design point of view, there are two ends of the spectrum when looking at the most sought-after trends in bathroom tiles. From sophisticated, oversized slab tiles which go up to a huge 1x3 metres and come in a

variety of different finishes from marble, concrete and stone, down to small, colourful, patterned tiles which can add a fun feel to a room. Using a large format tile means you will have fewer grout lines which gives a feeling of space, even in a small room, but practically over the years there will be less maintenance and cleaning and required. With decorative tiles, it's a great way to add some colour and personality to a room!



Deauville Stone 01

Tumbled limestone effect porcelain tiles. R11 rated, 10 mm thick outdoor tiles also available. Available in 3 colours: Clair, Grey & Stone.



Duomo White Statuario 02

Duomo White Marble-Effect Porcelain Tiles. Suitable for walls and floors. Also domestic, commercial and wetroom use.



Grande Grey 6

Grande Grey porcelain tiles from The Stone & Ceramic Warehouse have a unique concrete effect and are available in sizes of 120 x 120cm and 120 x 240 cm. Suitable for domestic, commercial, wetroom and outdoor use.



Jurassic 05

Marble-effect Porcelain Tiles. The Jurassic Range is available in 4 colours: Luce, Notte, Bianco and Marron and 2 finishes: Polished and Matte.



Jurassic 07

Marble-effect Porcelain Tiles.

The Jurassic Range is available in 4 colours: Luce, Notte, Bianco and Marron and 2 finishes: Polished and Matte.



Pietra Dark Grey

These tiles come in the following colours: warm, light grey, medium grey and dark grey.

It is also worth mentioning that porcelain tiles are far more durable in the long term than natural stone.

What are the unique advantages of porcelain tiles for the bathroom space? Good quality porcelain tiles are perfect for use in bathrooms and wet rooms, and look to remain the most popular surface for many years to come. Porcelain tiles are extremely hard wearing and stain proof, making them an ideal solution for everyday use. They also won't be damaged by detergents or any of the other chemicals we frequently use in our bathrooms.

Another huge advantage of porcelain tiles is that they can now be manufactured in a whole range of realistic finishes including marble, limestone, concrete, wood and metallics. This makes it possible to

achieve the look you want without the challenges and maintenance issues the real materials can bring.

Do stone and ceramic floor coverings work well with underfloor heating? Yes, underfloor heating works with both porcelain and natural stone tiles as they are conductors of heat, and as a result we usually recommend our customers use underfloor heating systems. One of the main attractions is that there is no need for unsightly radiators taking up your wall space. They are also fast heating, easy to install and best of all, they are affordable and efficient to run. Having a warm floor also means any water on the tile will quickly evaporate, making it safer and less slippery.



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Parisienne Saira Blue 01

Saira Blue Porcelain Patterned Tiles. Part of the Parisienne Patterned Tile Range.



Jurassic 11

Marble-effect Porcelain Tiles.

The Jurassic Range is available in 4 colours: Luce, Notte, Bianco and Marron and 2 finishes: Polished and Matte.



Parisienne Rosie 02

Rosie patterned porcelain tiles, pictured here on the floor. Suitable for both walls and floors.

Part of the Parisienne Patterned Tile Range.



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All Starpool products are designed with eco-sustainability in mind, manufactured with a low environmental impact with limited energy consumption from clean and renewable sources, recyclable raw materials and external emissions equal to zero.

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sp.a_system

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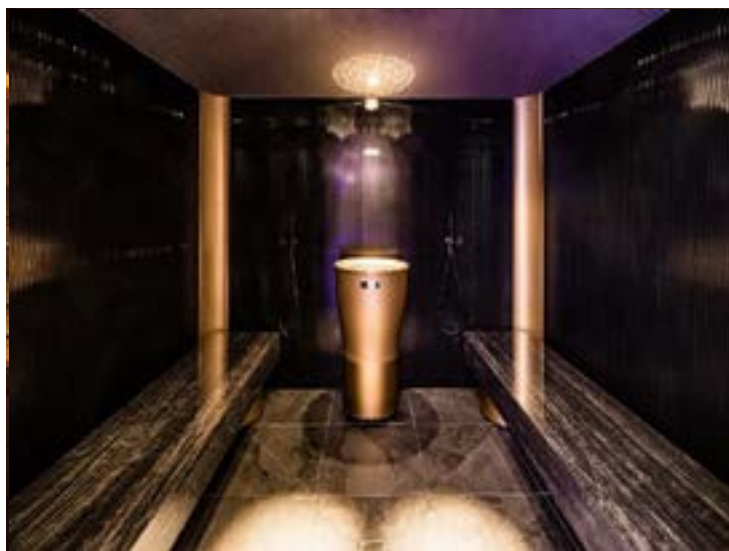
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wellness concept



Heather Banks © 2018 Houzz

Bathroom tiles rise in popularity on Houzz

But which style should you choose for a small bathroom?

Victoria Harrison, Editor of Houzz.co.uk explains “Searches for bathroom tiles are popular on Houzz, entering the Top 50 search terms for the very first time, with a rise of 9% since January 2019. While metro tiles have long been a popular option, we’re also starting to see other shapes and styles gain popularity in photos on Houzz. Geometric tiles, hexagonal patterns and herringbone styles are all showing up in the photostream, demonstrating Houzz users’ creativity and adventurous spirit coming to

the fore.” Here are 4 tiling ideas from Houzz, based on what they’re seeing from the community of homeowners and professionals.

Direct the eye or dabble with diagonal Chevron and herringbone patterns have been gaining popularity on Houzz for a while. As well as adding interest to a room, they can have the added benefit of making the space appear bigger if laid correctly because the arrow-like shape can lead the eye across the length of the surface.

Similarly, a diagonal tile pattern across a floor can help a room feel more spacious, if the tiles and grout lines are angled from one corner to the other, sweeping across the space and encouraging the viewer to read the area as larger.

Reverse the norm

If you’re choosing tiles for a room with a low ceiling, try rotating traditional metro tiles and stacking them on top of each other for a quick way to elongate a space.



Photo: Caroline Sharpnack © 2017 Houzz

This is a technique used to great effect by professionals on Houzz, where tiles are laid vertically rather than horizontally, drawing the eye upwards, to create the illusion of height.

Ration pattern

Patterned tiles are beautiful, but too many of them could make a small bathroom feel more compact. This can be quite effective if you want to create a cosy feel, but not if you're hoping to make the space look larger.

Instead of using them on both walls and floors, designers on Houzz have used patterned tiles in a more focused way by introducing them as an accent

on a single surface. For example, a geometric design laid across a floor, with the rest of the surfaces kept clean and white, will add just enough interest, without making the room feel cluttered.

Tone to zone

A popular Houzz trend, hexagonal tiles are a fun way to add an 'ombre' look to a room, which can be both stylish and space-enhancing. Use darker colours graduating up to lighter tones, to cleverly draw the eye away from the narrowness of a room and give a sense of the space opening out. Hexagonal tiles can also add interest and space to a room by encouraging



Photo: Kristin Laing © 2018

the viewer to see the patterns of the design, rather than the limits imposed by the surrounding walls – try a honeycomb pattern for a modern Scandi look, using either an all-over neutral tone, or a combination of two colours.

Whichever tile style you choose, remember that bathroom flooring has to work extra hard and functionality is key, it needs to handle moisture, be kind to bare feet and be easy to clean, all while looking effortlessly gorgeous. According to Houzz's UK Bathroom Trends report, when asked about their home renovations, users explained that design and functionality were important, with 77% stating that their top design priority is to make the bathroom 'stylish and beautiful', and 62% explained that it should still be 'easy to clean and disinfect'.

Houzz is the leading platform for home renovation and design, providing people with everything they need to improve their homes from start to finish. With the largest residential design database in the world, Houzz is the easiest way for people to find inspiration, get advice and hire the professionals they need to help turn their ideas into reality.



www.houzz.co.uk

Effective limescale prevention is explained in detail on Cistermiser's new-look Combimate website

Combimate, Cistermiser's proven and popular limescale prevention device, is presented on an eye-catching new website (combimate.co.uk) which has been designed to appeal to housing specifiers, installers and homeowner customers alike.

Available in a choice of models for 15mm or 2mm pipework, Combimate keeps domestic water systems clear of limescale and energy costs down. Combimate is WRAS approved and uses Combiphos spheres to efficiently dose the water, as required. This 100% safe, food-grade natural material stops scale build-up on taps, boilers and appliances.

The new website explains the benefits of phosphate



dosing in detail, with helpful FAQs and informative User Guides to ensure that consumers get the most out of their Combimate, which is commonly installed to prevent limescale formation in hard water areas but will also reduce the effects of soft water corrosion. "Our new Combimate website is fully-responsive, so it looks great on all device formats including mobiles and tablets" says Cistermiser's Marketing Manager Mark Schlötel.

www.combimate.co.uk



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Ancon to exhibit at London Build 2019

Ancon will showcase a range of products that are fully compliant with The Building (Amendment) Regulations 2018 – the Government's ban on combustible materials in external walls, at London Build on the 27th & 28th November 2019, Olympia, London. Find Ancon on stand number C28.

Products on display will include Ancon's range

of insulated balcony connectors, helping building designers meet their thermal performance aspirations whilst still boasting Class A1 non-combustible insulation, reinforcement and steelwork, making it fully compliant with The Building (Amendment) Regulations 2018.

For more information, call Ancon on 0114 275 5224 or visit www.ancon.co.uk

Simpson Strong-Tie Introduces Their All-New Catalogue of Connectors for Timber and Masonry Construction

Leading construction connector manufacturer Simpson Strong-Tie has released their all-new 2020 catalogue; a comprehensive product guide which showcases the company's most recent innovations and product line extensions.



Alongside the UK's largest collection of connectors for timber and masonry construction, sit numerous new products, including the GPC, Gable Panel Connector, a high movement timber frame tie, decorative and a heavy duty post bases, an adjustable mini hanger, purlin anchor, twisted restraint strap and a 4mm reinforced angle bracket.

The catalogue also contains comprehensive

technical data, performance characteristics, safe working loads, plus easy to follow installation instructions.

Managing Director, Malcolm Paulson explains: "It's been a busy time for Simpson Strong-Tie, we've really pushed the boat out to increase our core product range, engineered to stand the test of time."

Available now in print on request, and online in the Resources / Literature section at www.strongtie.co.uk.



SterlingOSB Zero StrongFix in dry lining applications

What are the benefits of wood panels behind plasterboard dry lining?

Plasterboard in itself is not suitable for bearing weight so, if the wall is intended for holding weight over 15kg – such as TVs, sinks, cabinets, railings or similar – then a structural material such as wood panels should be used behind the plasterboard to hold the weight

Why is OSB a better choice than plywood?

OSB is an engineered, wood-based panel made from flakes of wood mixed with a resin and then pressed. This method of manufacture means that the panel does not contain any defects of natural wood – such as the knots or voids that plywood would contain. This means that fixtures can be inserted anywhere on the panel without concern of hitting a weak spot.

For further information, call 01786 812 921 or visit www.norbord.co.uk



Stretch Ceilings

Established since 1988 and based in Surrey, Stretch Ceilings offer nationwide and worldwide sales bringing a wealth of knowledge, technical innovation and assistance from the concept stage through to installation building on the vast experience and skills gained with the stretch ceiling product.

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Oakbridge Bespoke

Oakbridge Bespoke homes were recommended as a high quality contractor by a neighbour close to this project in St Albans, Hertfordshire. The client approached us with approved planning and tender design, with which we were then able to negotiate a design and build contract, at a

budget they were comfortable with. In order to reach an agreed price point we had to take the initial drawings and re-engineer significant elements to meet budget. The main elements being the structural frame and glazing. The changes and costs to reflect this were then presented back to the

client incorporating different cost options so that we could ensure the clients satisfaction with the decision made. After this decision the architect was novated to Oakbridge Bespoke Homes. Once we started on site there were some significant site issues to overcome, the outdoor swimming pool was filled in, an unknown air raid shelter was found and there were undocumented site services.

These issues then led to re-design to accommodate the certain conditions, this was all done in-house by Oakbridge Bespoke. The build was technically challenging as much of the project featured specialism's in glazing, cladding, timber frame and finishes. As Oakbridge Bespoke have been building a variety of traditional to modern bespoke houses for 26 years we could use this expertise on this particular project. In particular the bespoke stairs featured in the main reception area and from the lounge were both designed in house and executed to a very high standard.





The design was developed in house with specialist suppliers, working to the clients budget, and featured structural glass, folded steel and timber. As we have a turnkey service at Oakbridge Bespoke Homes we were able to also complete all the M&E in house – this included bespoke brick, polished concrete throughout the ground floor and exterior paths.

The house features full integration with intelligent lighting, multiroom TV system and bespoke audio/visual systems. The house has bright, clean lines throughout aided with sky lights. We were very pleased with the end result of the build especially with the specialist glazing as the main feature as it minimised site lines giving an illusion of a larger footprint house from the central courtyard. The project in whole was carried out in 12 months as a full turnkey project from planning designs. We collaborated with the client on finishes, décor and look/feel throughout the home.



At Oakbridge Bespoke Homes we build beautiful high quality homes. We have a proven track record of over 25 years in providing a tailored package for the client. As a result we are routinely recommended as the company of choice for those seeking to procure a signature new home. Each project is entirely focused around the clients requirements providing a two-way interaction throughout the entire process, from

inception to project completion. We have an in house design team enabling us to be design led in our approach to the project. Along with our flexibility and willingness to collaborate with other professionals we believe we have potential to help in any project. Get in contact today if you wish to discuss your upcoming project.



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resins contained in the product form an excellent barrier against the penetration of water, so that the render always remains dry.

Available in various grain sizes, including new 1.5mm, it combines the advantages of mineral coating materials for high breathability, as well as those of synthetic coatings for a uniform colour, and excellent adhesion to old paintwork (depending on its condition). It is also available in colours obtained using the ColorMap® automatic colouring system by Mapei for your ideal match.

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The solar control technology helps to keep temperatures comfortable all year round, and allows glazed areas to become an integral part of the home. Its self-cleaning function makes Pilkington Activ™ a strong choice - especially in harder to reach places such as glass roofs - as the glass will be continually self-cleaning and allowing more light stream to stream in.

For larger expanses of glazing using a product like Pilkington Suncool™ One 60/40 is a good option. That's because technically speaking it is an off-line coated mid-range solar control glass so it provides excellent solar control and thermal insulation. Also its high light transmittance means that the view is perfect all year round, just like the temperature.

Speaking about the glazing, Pilkington Brand & Marketing Communications Manager, Julia Berkin, said: "Pilkington Activ™ makes it easier than ever for householders to use glazing to boost wellbeing in their homes.

"Versatile and high performing it allows more creativity about how we use glass - opening up more opportunities to channel and bring natural light into our homes."



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**Touch Ironmongery is one of London's leading Architectural Ironmongers
Established in October 1982**

Originally called "A Touch of Brass", the firm changed their name in 2003 in reaction to slowly advancing market changes in architectural ironmongery which is no longer supplied solely in brass, and to also reflect the broader range of product and finishes that they sell.

In fact today, Touch can supply a wide range of finishes including Brass, Satin Brass, Polished Chrome, Polished Nickel, Satin Nickel, Copper, Bronze – solid and plated, BMA, Antique Brass, Black, Pewter, Ceramic, Leather, Stainless Steel, Satin Stainless Steel, Gun Metal, and the list keeps growing. Whatever finish you require, Touch can help you get the right look.

Touch occupy their recently refurbished showroom at 210 Fulham Road, Chelsea, where they display a vast range of their 5,000 products. With a customer base including Interior Designers, Builders and Individuals who are interested in the quality end of the Ironmongery market, Touch mainly supply to residential premises but hotel and office properties also contribute to their vast clientele.

The company also have a healthy export market to all corners of the world, namely the Middle East, Europe and the Americas. Touch's owner and founder, Bill Benham, has 38 years' experience in the ironmongery trade, as do his colleagues Jim Haselup and Alan Blanchard. Saleem Qureshi is the newest member of our team and has 10 years' experience, meaning their knowledge is unrivalled in this industry.

The range of products supplied by Touch date from circa 1640 French (Louise XIV) and cover all subsequent periods (Georgian, Edwardian & Victorian), art deco and contemporary pieces also make up the product ranges. In addition, Touch showcases the very best of British manufacturing; the best ranges are still produced in the Midlands by craftsmen in factories dating back 200 years or more.

Touch Ironmongery have recently become suppliers for **Designer Doorware (Australia)** who have beautiful products with a cutting edge design Metal, Wood and concrete. We also have the exclusive rights to sell the **Olaria (Barcelona)** range in the UK.

Olaria make all our bespoke products, they have incredible levels of workmanship. Touch also sell European manufactured goods which is considered to be of a very good quality and in recent years they have introduced some of the far eastern made products, albeit in a limited range but cost effective. With trends continuously evolving new innovative products are constantly under development. Touch understand that keeping up with the fashion-shifts is imperative in order to provide every customer with the best solution for their requirements.

Ironmongery can be a difficult and complicated aspect of a building project, as a result Touch aim to take this awkward aspect and make it user friendly and clear to understand by offering an on-site service where they carry out a detailed door by door, window by window, room by room Ironmongery schedule, highlighting all requirements and identifying any items that can be refurbished. Refurbishment is a large part of the business; Touch will undertake complete ironmongery refurbishment projects, and can restore old paint covered door furniture to their former glory, looking as new, at a fraction of the cost to replace.

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Olaria, available from Touch Ironmongery

www.atouchofbrass.co.uk & www.olariabarcelona.com





Window and door materials: PVCu vs. Aluminium

Windows and doors are the entry ways to your home, so when it's time to replace them, it's important to choose durable and resistant materials that will stand the test of time. The argument of which material is better to use for windows and doors between PVCu and aluminium has been in debate ever since aluminium became a popular window manufacturing material.

Recent figures suggest that the number of PVCu window and doors fabricators are declining, or have begun to offer aluminium systems, with a massive 40% increase in firms who offer both PVCu and aluminium products. In 2015, almost 60% of bifold doors in the UK were made of aluminium, compared to only 27% made from PVCu, showing the rise and popularity of aluminium in UK households. However, both materials have been trusted for use in construction for decades due to their durability and resistance.

Why use PVCu?

PVCu (unplasticised Poly Vinyl Chloride) has been used in window and door manufacturing since the 1980's,

before aluminium was considered. It has been a material that has long been considered durable and strong, making it perfect for protecting your home along with these reasons:

- It is weather resistant
- It is a low maintenance material – a wipe down will make it clean and fresh
- It does not biologically decompose
- It can withstand strong force
- It is sustainable due to allowing itself to be reshaped under hot temperatures

PVCu is much stronger than timber, and only requires replacing after 20 to 30 years and prove to be just as secure as aluminium, however security also depends on the choice of locks chosen to be used on your windows and doors. However, PVCu is a substantially better soundproofing material than aluminium, and is slightly more efficient at blocking out exterior noise.

Why use Aluminium?

Aluminium is a highly durable material that can last up to 45 years when used in home fixtures like bi fold doors

from Quickslide. This material is the second most common metal used in construction after steel, and due to its ductility, it can be shaped and moulded for different purposes. It's sleek, modern and minimal in style is often preferred in manufacturing fixtures for buildings along with these benefits:

- Unlike other metals, aluminium will not rust, so there will never be any unsightly rust patches and will stay good as new for the duration of their lifespan.
- Provide more natural light
- Lightweight and strong, so it can support large glass panes
- 100% recyclable
- Corrosion resistant

Although it can be more expensive than PVCu, aluminium may add more value to your home in the long run due to its longer lifespan. Choose windows and doors that suit your style and budget from a selection of designs from Quickslide.



www.quickslide.co.uk



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Incorporate on-style colours into the home with on-trend steel windows

Ever popular for their industrial nature, steel windows and doors have quickly become part of home interior styles as internal partitions, shower screens, replacements for exterior walls among others. Although mostly recognised for their solid black frames, steel windows, doors and their fixtures are available in a whole host of colours to complement any residential scheme. Homeowners can incorporate brass, bronze or copper steel windows or doors to tie an industrial look together enabling new frames to match industrial accessories such as copper light fittings or brass framed glass tables. Homeowners can also opt for handles in a variety of metallic shades, including bronze, brass, copper, chrome, pewter and gun metal. The industrial colours are able to bring current trends into contemporary and historic homes.

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



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The FrontGuard range also offers excellent security, with secure five point locking; two conical swing bolts, two security bolts and an additional lock bolt.

Find out more about Garador's FrontGuard Doors at www.garador.co.uk or call 01935 443799.



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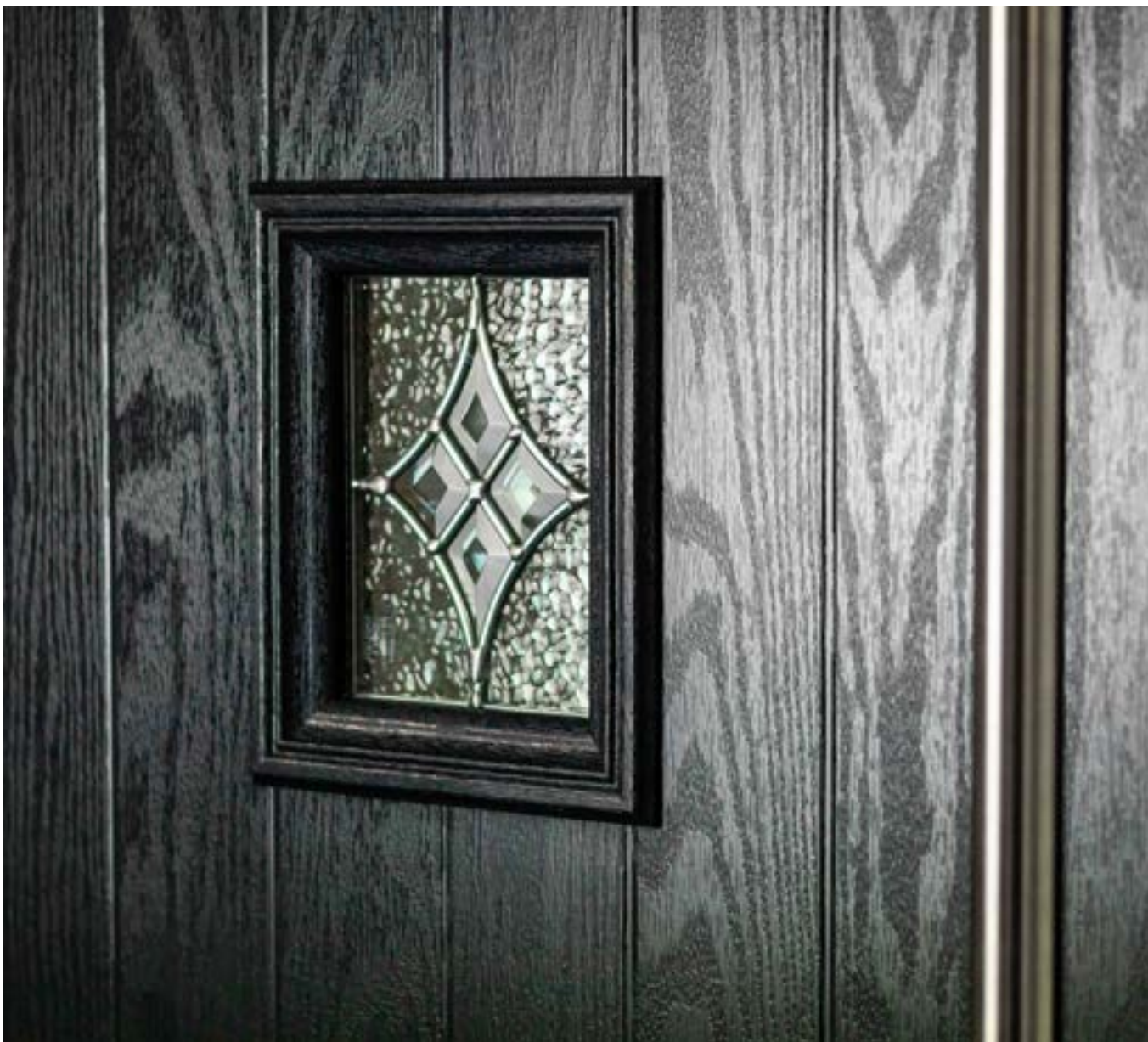
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Window and door trends for your home in 2020



Whether it's music or food, trends are constantly developing to keep up with what consumers want and what people are talking about. People want what's popular, and windows and doors are no exception. Here, Richard Banks, commercial director of PVCu windows and doors manufacturer Euramax Solutions, discusses window and door trends.

Windows and doors are now more valued than they have ever been and developments in interior and exterior home designs have led to an increase in modern windows and doors. From colours, to comfort, the desire for stylish, plus energy saving windows and doors is rapidly increasing.

Style

Functionality is no longer the key factor that's considered when purchasing windows and doors – now, size matters, too. Popular window styles include fixed, sash and tilt and turn, however, people also want their windows and doors to be bold statement features for their home. As many homes are designed around modernism and clean lines, curved shapes are now less desirable. For example, arched or bowed windows are being replaced with large rectangle floor to ceiling windows to accompany a modern style. Furthermore, open plan design is encouraging windows to be used to increase natural light and to bring the outside in.



Material

Material trends are popular within the industry, particularly for doors. For many years, PVCu has been the desired material for both windows and doors, however composite is more aesthetically acceptable in current design trends. The market is currently made up of 54 per cent composite doors, compared to any other material. Composite doors are modern, stylish, highly strong and can be manufactured in a range of colours.

Colours

Colours are influencing the aesthetic appearance of windows and doors. To keep up with design trends, traditional white window frames and doors do not stand a chance against the plethora of colour options available, today. Colours include shades of blue, greens and reds, while black and more specifically grey, are extremely sought-after colour options.

Energy efficiency

Besides the style and colour options available, energy efficiency is also considered to be highly important when purchasing windows and doors and demand is increasing.



With climate change and environmental concerns constant news topics, the benefits of energy efficient products are becoming realised, such as reduced carbon footprint and saving money on energy bills. Therefore, customers require products can provide these benefits and are rated by the British Fenestration Rating Council (BFRC). The BFRC rates windows and doors on a scale from A to G, with a rating of A demonstrating the highest potential for energy efficiency.

It's important that industry professionals keep updated with trends affecting their customers. By offering products that can meet popular industry trends such as style, material colour and energy efficiency, allows manufacturers and suppliers to keep their customers happy, while increasing their customer range.



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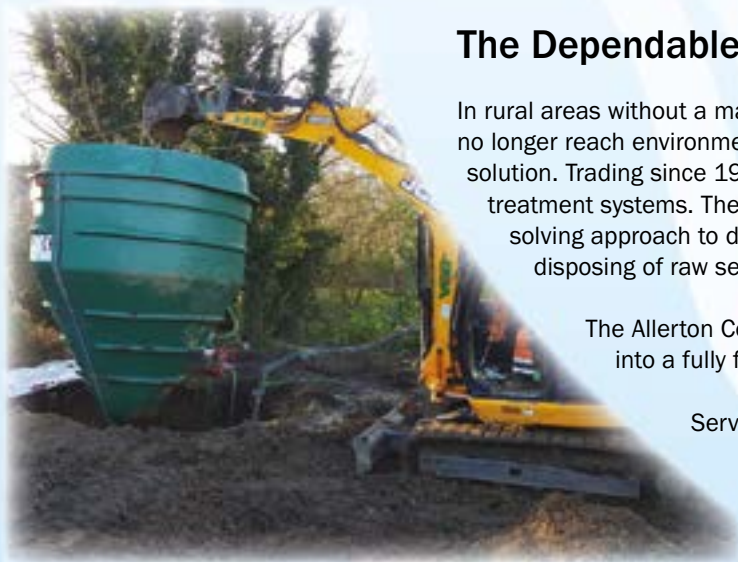
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New septic tank to treatment plant conversion unit brings benefits to the end-user

Marsh Industries has unveiled its latest product innovation, the UNI:GEM STAR, a CE approved septic tank conversion unit which exceeds EN12566-3 / EN12566-6 standards and conforms with 2020 General Binding Rules.

The UNI:GEM STAR can be installed behind any existing septic tank and treats septic tank discharge to an effluent quality of BOD 12.25 : TSS 16 : Ammonia 14.845 (The UK Forward is less than 20:30:20), meaning final effluent can be discharged safely to a river, ditch or watercourse.

The new unit brings a host of benefits to septic tank owners whose existing tanks must be replaced or upgraded by 1st January 2020:

- The UNI:GEM STAR converts a polluting septic tank into a fully functioning sewage treatment plant.



- Provides a space saving solution for sites and where minimal disruption to surrounding obstructions is required.
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The UNI:GEM STAR is available in October 2019.
For more information contact the Marsh team on 01933 654582 or email sales@marshindustries.co.uk.



Gender Investment

Recently there has been widespread debate over the gender pay gap, however, often overlooked is the equally concerning gender investment gap. With only 23% of female adults, holding an investment product and mainly very risk averse products, compared to 35% of men, there is clearly much more to do in order to close this gap.



The underlying questions is, why do women shy away from investment, preferring the “safe” heaven of cash? Recent research from Fidelity has shown that the fundamental factor behind this is confidence – women don’t feel confident making those financial decisions, mainly because they don’t believe they have enough understanding of financial products. There is a financial literacy gap between genders with women being thrifty and smart with their money and men concentrating on investing and growing wealth.

The financial services sector needs to change in order to facilitate female investing. However, women can’t and shouldn’t wait for these changes to happen but should act now to drive it themselves. There are a number of different measures that should be put in place to unlock their investment power.

The creation of supportive networks: Women should not pursue this change alone but should network to create supportive communities in which

they feel free to share information, experience and advice.

Education: As money management is still not part of the national curriculum, women should educate themselves to understand the basics of financial management.

Embrace the difference: A woman’s more risk-averse nature should be embraced. Female investment priorities are different, not inferior. Investing does not have to be full of risk to be successful and if women understand that their individuality is an asset, it will help encourage them to invest.

Start small: You don’t need to be rich to be an investor. Women can start with the smallest amounts and build up their confidence.

Celebrate success: It is important for women to see and celebrate successful women in finance. To do this it is important to change the composition of the financial services industry as currently only 10% of wealth advisors are women.

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Building the homes of the future

As governments, businesses and individuals across the world look to how they can minimise their impact on the environment and live more sustainably, one property development company has had this mission at the forefront of their work for more than two decades.

Gusto Homes has recently completed the second stage of its pioneering new development, Woodlands Edge, as the company continues to lead the way in the eco-home development space. It installed the UK's first integrated solar roof back in 1999 and has since built more than 300 new sustainable homes across the East Midlands.

Woodlands Edge near Lincoln is one of the company's most recent projects. Developed in an idyllic 12-acre woodland setting near the historic city of Lincoln, Gusto Homes used cutting-edge build techniques and integrated a host of energy-saving features into the ultra-modern 'Grand Design' style homes to offer a luxury eco-lifestyle



built for the environmentally conscious homeowner.

There's also a private woodland, tennis court, ponds and an allotment per household on the site.

The first phase of development saw the completion of 18 three and four

bedroom properties in 2017. The second stage of development was recently completed, adding 11 new homes to the site with distinctive designs. These include five two bedroom single story homes priced from £300,000 and six detached four bedroom properties priced from £495,000.



delivered through ceiling mounted infra-red heating panels which efficiently maintain a constant internal temperature.



The 5.7kw/p solar PV on the four bedroom properties not only generate electricity to run the house, but a power diverter also ensures that solar power is used directly to power the hot water heating for a large portion of the year. The two bedroom bungalows feature 3.78kw/p of solar PV to do the same job on a smaller scale.

Gusto Homes forms part of the wider family-owned Gusto Group. This includes sister companies Gusto Construction and architects Studio-G Associates. Together, the development arm, creative design arm and experienced construction workforce deliver homes that are future-ready and sustainable while maintaining a high quality and attractive finish for buyers.

While the houses provide the level of quality, style and energy-saving credentials one would associate with a self-build, what sets the properties of Woodlands Edge apart from other eco-homes is that they're built with the community in mind. Unlike the experience of building or purchasing a unique property, the eco-homes at Woodlands Edge create a much more sociable environment which feels like a real neighbourhood.

The homes during both stages of development have been built using a variety of systems to incorporate a range of different building methodologies. Three methods have been used across Woodlands Edge. The first 18 homes were built using an insulated concrete formwork method with polystyrene blocks, while the two bed properties are timber frames, and the four bed homes are a blockwork construction with a 200mm cavity.

This flexible approach has helped the company to continue to innovate and maximise energy saving efficiencies. Each home has been built so it is fully electric, generating the majority of power from integrated solar panels on the roof.

The homes are super insulated, with south facing triple glazed windows which allow the low angled sun to heat and stream light into the main living spaces, while smaller triple glazed windows to the other elevations minimise heat loss. The heating system can be easily controlled via an app, and running costs are typically less than £1 a day.

The second phase development properties are also super air tight and use a whole house heat recovery ventilation system to maintain a continuous supply of fresh filtered air while retaining heat. The small amount of space heating required is

The company is currently developing a site in the nearby village of Collingham, which is thought to be the largest housing development in the UK to be heated using geothermal energy. Collingham Park is a residential development with 60 retirement apartments and bungalows. Using geothermal energy from 32 boreholes reaching 120 metres underground, the technology will cut resident's energy bills by around 75%.

Innovative sites like Woodlands Edge are at the forefront of eco home development. As people become more aware of their environmental impact and look for new ways to lead a sustainable life, it will be sites like this that pave the way for a greener future.



www.gustohomes.co.uk



Get a head start with Rapid Level CT 3220 from Mapei

Rapid Level CT 3220 is the latest addition to Mapei's extensive product range, offering a levelling compound that promises a quick drying time of just 45 minutes prior to the installation of ceramic and porcelain type tiles. Suitable for internal use, Rapid Level CT 3220 is used for levelling, smoothing and infilling differences between 3 and 20mm in a single application.

It is suitable for levelling a variety of substrates including new and existing concrete, anhydrite and cementitious screeds, stone and ceramic tiles, and can also be used over boarded timber floors. It can also be used in areas subjected to castor wheels and onto screeds with incorporated underfloor heating systems.

www.mapei.com/gb/en/home-page



George Clarke visits new Woking design centre

TV Presenter, architect and builder George Clarke visited the new V4 World design centre in Woking and praised the company's commitment to sustainability.

Following a multi-million pound investment the innovative and exciting 'V4 World' design centre allows the company to showcase its luxury flooring products and wall panels to customers, architects, specifiers and designers in individual room settings with the emphasis being on creating environments that demonstrate how the products can give homes the wow-factor.

The new centre will support the dealer network with a wider range of large samples for customers to view and product training facilities, including the fitting of the various floor and wall products.

For more information please visit www.v4woodflooring.co.uk



Revive your worktops for the festive season with Osmo

With Christmas fast approaching, many homeowners are already thinking about preparing their homes for the festive season, and eco-friendly wood finishes expert, Osmo UK, has a wood finish to ensure all Christmas guests are impressed with your kitchen worktops.

As one of the primary rooms in the home, the kitchen plays host to Christmas dinner and all its trimmings, meaning that the space needs to be functional yet presentable to cater for all the family. However, with kitchen being used all year round, the worktops are prone to spillages, scratches and water damage, resulting in a dull, tired-looking surface. By investing in a high-quality finish, wooden worktops can get a new lease of life. Osmo UK offers an interior wood finishing treatment designed to keep your worktops looking as beautiful as the day they were installed.

www.osmouk.com.

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Since installing our first leather floor twenty years ago, we have been manufacturing and fitting leather floors as a bespoke offering through ALMA STUDIO, our London based luxury interiors finishing company.

To simplify specification and selection, we have recently launched our ALMA FLOOR collection of luxury leather floor tiles. Hand made in London, ALMA FLOOR offers a choice of 55 colours, 13 textures and 11 tile designs.

ALMA FLOOR provides amazing possibilities for creating luxurious statement floors for both commercial and residential projects. Our leather floors have been installed within hotels, restaurants, marine, retail and corporate workspace as well as luxury residences.

ALMA FLOOR tiles fitted by the ALMA installation team are offered with a 10 year guarantee. Our brochure and samples can be ordered via our website at

www.almafloor.co.uk or from visiting our London E1 Studio.

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Aperoso

The Aperoso is a combination of geometrical forms and natural imperfection derived from shapes that would be observed in the natural world.

Price: £1347.60



Class 01

An iconic style in the Livingstone range, based on classic design - it offers sweeping and harmonious architectural detailing.

Price: £1347.60

The Radiator Centre Q&A

1. What are the main benefits of installing radiators, as opposed to underfloor heating?

Both have their positives and negatives. However, one upside of radiators is their heating up time. People also like the sense of having a direct heat source in a room as opposed to a more ambient sense of warmth.

2. Are there any projects where radiators might be less suitable?

Some of the more architecturally driven projects that involve significant amounts of glass might mean that it is

not possible to have radiators. In these situations, trench heating installed in the floor is often a viable alternative.

3. Do you have any clever solutions for installing radiators in homes where space is limited, and homeowners want to keep as much wall space free as possible?

Vertical radiators can free up wall space, especially now that some designs are focusing on producing high heat outputs which are ideal for taking advantage of dead wall space, such as behind doors or on supporting piers or dwarf walls. And then, of course, there are those radiators

that are almost a piece of art and can be used as such.

4. How do you know what heat output is required from your radiators?

You can find calculators to help you determine how much room needs online. This is a basic calculation based on room dimensions and other factors, such as double glazing, that can be used to determine how warm a room should be. One is available at <https://www.theradiatorcentre.com/heat-calculator>.

Class 02

An iconic style in the Livingstone range, based on classic design - it offers sweeping and harmonious architectural detailing.

Price: £1347.60



5. Do you have any advice on how radiators should be positioned within the room?

There was a time when putting radiators under windows was the accepted thing to do. This was partly to help alleviate any cold draughts from the windows, but also because it was considered dead wall space.

People live differently now, with bigger sofas and TVs, so wall space becomes a premium. Thanks to major improvements in double glazing and other insulation techniques plus the strides radiator manufacturers have taken to improve the efficiency of their products, you can find something that will work in almost any situation.

6. What are the options, in terms of style?

There are so many options to choose from – size, shape, colour can all be part of the consideration.

7. Do radiators work alongside renewable heat sources, such as heat pumps?

Gran Sasso

Gran Sasso - the tallest mountain in Italy outside of the Alps - is the inspiration behind this popular Livingstone design. The charm of the mountain, the coarseness of the rock, are all brought to life in the Gransasso's surface.

Price: £1302.00



Most definitely. However, it is important to remember that often renewable heat sources are producing heat at lower temperatures than a conventional boiler would and as a result the radiator needs to be sized accordingly. However, there are radiators available, such as those with low water content, that are specifically designed to work with these systems and contribute to overall energy efficiency.

8. Do you have any additional tips for installing a stove that are not mentioned above?

People like having stoves, but they should only be considered as supplementary to a households' heat requirements. The advantage of having radiators is that you can wake to a warm house. No one wants to stoke a fire in their pyjamas first thing in the morning.



www.theradiatorcentre.com

Juta 01

Juta suggests the idea of softness to an object that is totally lacking in it. Juta looks like a material but clearly isn't.

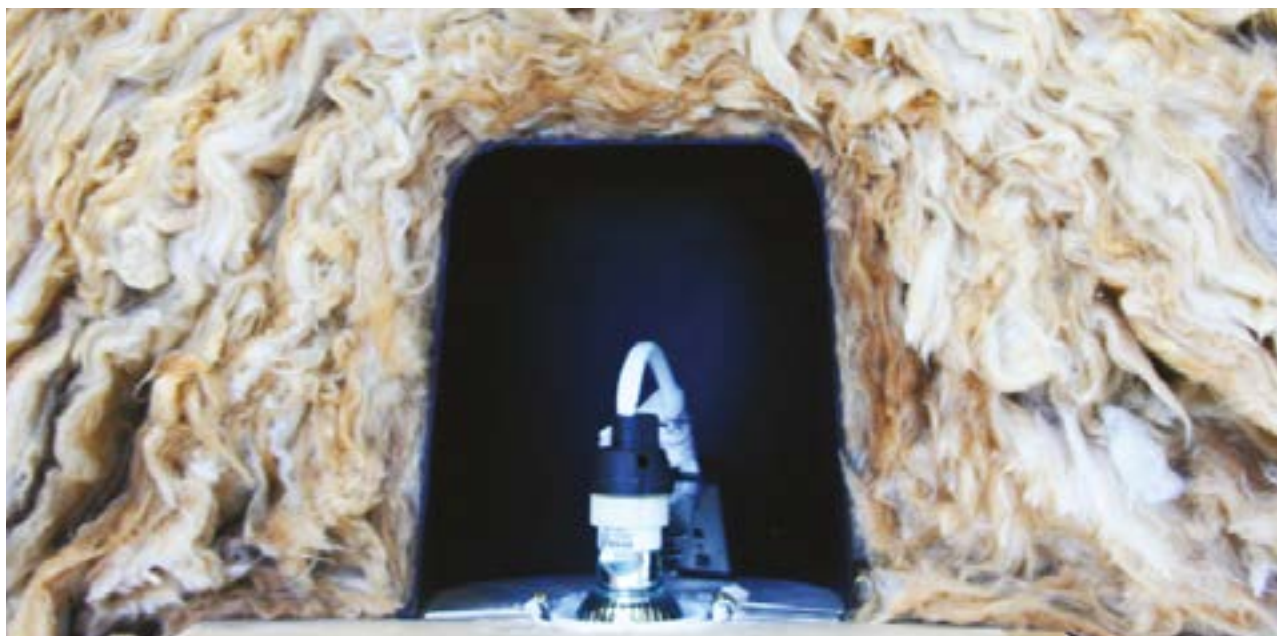
Price: £1347.60



Trendy

That feeling associated with natural stone makes the Trendy's radiating panels a great opportunity to combine simplicity with a well defined and imaginative piece of interior design.

Price: £1347.60



NEW! Loft Lid Downlight Cover from Loft Leg

The Loft Lid downlight cover eliminates heat loss and air leakage into the loft space. It creates an air tight seal around downlights and allows a continuous layer of insulation to be safely laid over the top to comply with current building regulations.

The Loft Lid is designed and manufactured in the UK and has been tested to EN60695 and EN60598 by the UK Lighting Industry Association.

www.loftleg.com



Fusion

astro

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The Fusion Astro Electric Combi Boilers provide Heating on demand and instantaneous Domestic Hot Water. They are ideally suitable for small Properties that have a Shower and Hot Water outlets for sinks.

Electricity consumption of the Astro Boiler is highly efficient, due to its superior inner design which rapidly provides Heating and Domestic Hot Water.

With no flue requirements & low running noise the Astro Boiler can be installed on any internal wall within the property.

The Astro is available in 12kW & 14.4 kW outputs and for properties with larger heat requirements where 3 Phase Electricity is available, we supply 18kW or 24kW versions.

We do not recommend the 12kw or 14.4kw models are used for properties with Baths due to lower flow rates being insufficient to fill a Bath within a suitable timescale.

astro	Heating	DHW	3 Phase	Warranty
Astro 12kW	Yes	Yes	No	2 Year
Astro 14.4kW	Yes	Yes	No	2 Year
Astro 18kW 3Phase	Yes	Yes	Yes	2 Year
Astro 24kW 3Phase	Yes	Yes	Yes	2 Year

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Rinnai user-specific training courses

Rinnai UK, a registered provider of CPD courses, has implemented a series of training modules which are specifically designed to engage with heating engineers & contractors. The courses are all aimed at objectively showing the energy saving benefits of gas fired continuous flow hot water heaters.

With Rinnai now fielding the only complete and comprehensive range of highly efficient ErP labelled A-rated continuous flow water heaters - from the smallest domestic models through to super-size industrial units - the demand from engineers wanting more knowledge of the appliances is increasing.

The company is offering tailor-made, flexible courses that allow engineers the opportunity to explore at first hand the practical and energy saving benefits of continuous flow gas fired water heaters and familiarise themselves with the technology, from system design and installation, through to servicing and maintenance.



The hands-on training courses, which are tailored to Rinnai customer needs, cover both traditional and new technologies for commercial water heating as well as highlighting the big energy and money savings that can be achieved by installing a continuous flow hot water system.

Courses can be arranged to suit individual requirements either at Rinnai's Runcorn, Cheshire HQ in the dedicated training facility or if preferred, the company's training team will take the module to the workplace or other venue convenient to delegates.

Courses available include: Continuous flow and future of water heating; Intermediate water heating; Continuous flow, excellence in design; Service & fault diagnostics – water heaters and Energy saving warm air units; Maximising renewable gain in hot water design; Understanding ACOP L8 and hot water design and Continuous flow as a method of satisfying energy & regulatory demand.

“Our flexible training offering ensures key market personnel at all levels can benefit from nationwide training from our highly skilled team of technical experts, guaranteeing they are up to speed with changes in legislation and product developments,” says Chris Goggin, Rinnai UK Associate Director.

For more information on Rinnai training courses call +44 (0)1928 531 870 or email training@rinnaiuk.com

For more details on RINNAI products visit www.rinnaiuk.com

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Sime's unique integrated heat pump and boiler brings Revolution to the renewables sector!

The Murelle Revolution 30 is the first completely integrated boiler and heat pump in a single cased product. Using an ErP A++ 30 kW Murelle boiler and completely sealed 4kW output heat pump, the Murelle Revolution 30 is a single compact unit that can be installed by any registered Gas Safe installer in a single installation process, without requiring an additional F-gas-registered installer to be present.

The unique Murelle Revolution 30 should be installed inside and hung on the wall like a conventional boiler. The Revolution provides heat and hot water, achieving an average seasonal heating performance of 134%, granting A++ energy efficiency, according to the ErP Ecodesign Regulation.

For further information visit:
www.sime.co.uk or call: 0345 901 1114.
follow @Sime_Boilers like @simeltd



Air hidden in the shadows

The new High Flow Diffusers from Waterloo Air Products PLC have been created so that architects can incorporate a shadow gap feature and hide air terminal devices from view. This follows trends in architecture to create vents, grilles and diffusers that make it easier for architects to complement their designs.

The new diffusers are available in a single slot with three different sized slots to choose from as standard. As with all Waterloo Linear Grilles and Diffusers, High Flow can utilise multiple sections for continuous linear run. For further design flexibility, the range includes a plasterline version, for invisible borders.

There are two variants available for both ceiling and wall mounting.

For more details on High Flow Diffusers, download the latest product catalogue from www.waterloo.co.uk.



ModuSat@ FUSION utility cupboards score big on efficiency and cost savings

With demand for housing in the UK greater than ever and an increase in the use of communal heating systems for apartments, many developers are choosing to install prefabricated MEP utility cupboards, which require less time on site for installation, use less space in the apartment, provide the opportunity to reduce cost and risk and enable them to deliver projects ahead of time.

Responding to this demand, Evinox Energy are thrilled to announce the launch of ModuSat@ FUSION, the 'perfect fit' prefabricated utility cupboard for communal and district heat network developments.

Find out more about the benefits of installing Evinox's ModuSat@ FUSION Prefabricated HIU Cupboards in your next development by visiting www.evinoxenergy.co.uk or contact Evinox at info@evinox.co.uk for further information.

Freedom Heat Pumps

The Heat Pump Delicatessen

So, you want a heat pump?

Where do you start?

You could Google heat pump suppliers, pick one off the shelf and have it delivered.

That could work. Would it give you the result you wanted though?

At Freedom Heat Pumps, we don't do 'off the shelf'. We know that every install is different. We know that one size doesn't fit all. We are a heat pump delicatessen, with heat pump aficionados behind everything we do. We understand every product on the market and advise you, accordingly, providing a solution that fits your needs whilst also being the most economical possible.

How do we do that? For over ten years, we have established our reputation as one of the UK's most knowledgeable and leading suppliers of heat pumps. It's all we do. We don't just supply your heat pump. We design the system to fit your property. We take your plans and size the air source or ground source equipment. We calculate the running costs, carbon savings and payback period.

With climate change being an increasing issue to everyone, we know how to create the most efficient system to lower your carbon footprint and running costs. We then select the best system from our range of heat pumps.

Being an independent retailer, we aren't tied to any manufacturer, so we have the freedom to select the best system for your property. Our service doesn't end with the delivery of your heat pump though. We work directly with installers, training them and providing all the technical data and diagrams they need to make sure your install is successful. We continue to provide this high level of support right through to the end of your heat pump's useful life.



To find out more about how Freedom Heat Pumps can provide you with a reliable, efficient, design and installation service, contact sales@freedomhp.co.uk and find out why we've been nominated as wholesaler/distributor of the year for the past three years at the annual heat pump awards.

Contact us for more information:
www.freedomhp.co.uk
sales@freedomhp.co.uk
 023 8027 4833



Rinnai announces launch of the trust partnership with installer network

Rinnai, a global leader in heating and hot water units & systems for both commercial and residential sites, has announced the launch of the Trust Partnership with the formation of an installer network specifically for its domestic product range, the Zen & Zen Plus.

The installer domestic partnership network will be offered to all bona

fide, Gas Safe registered, installers of residential heating and hot water units and systems. The launch is complementary to the recent introduction of the Rinnai Zen and Zen Plus domestic heating hot water system.

“This is our response to the advent of online direct sales platforms and companies where the installer is

working to a rigid formula and facing downward price pressures on their rates. All sites and installations are unique in their own way and we want to create a domestic installer network - a Trust Partnership - where quality and price are the criteria. Not just price being the first, last and everything about a job.



Rinnai, global leaders in continuous flow hot water heating products and systems, recently introduced the Zen and Zen Plus home hot water & heating system which marries established and proven manufacture durability with new technologies to offer great energy efficiencies, user control and, importantly, unparalleled level of comfort.

The Rinnai Zen and Zen Plus system will increase comfort and reduce energy usage whilst also providing a highly economic solution for today's changing marketplace.

"Our core expertise is the mass production of long-term reliable combustion products with advanced technologies – we are a global leader and make over 2 million water heating units every year for domestic, residential and commercial applications. We have been researching and monitoring the UK domestic heating market for several years and would only launch when we had a proven system. That time is now, and we are offering hot water heating units together with a superior performance combi boiler in 24, 29 and 35-kW outputs, says Chris Goggin, head of Rinnai UK operations.

"We are not launching into the mass UK boiler market – that is, in our view, a saturated and oversubscribed market which is in the throes of a major upheaval in its structure due to the advent of online direct sales platforms. We are offering something very different. And we are aiming to serve a market sector previously overlooked and almost ignored - the provision of luxury levels of hot water at affordable sums to the middle and top end of the marketplace.

"Another major difference with the Rinnai Zen & Zen Plus is that the route to market is with installers. We are committed to working with installers as our route to market. The installer is still the major player and, in our view, always will be."

Some of the features of Zen & Zen Plus are: IOT controller as standard; Fast heating mode; DHW pre-heat function - saving wasted water; Energy monitor function allows user to monitor energy usage; flue runs up to 30 meters, Rinnai boiler App for android and IOS; constant

temperature-accurate hot water delivery at continuous flow rates.

There is also smart Wi-Fi controller and App benefits; The Rinnai app seamlessly connects to the controller in the property; the user can control the boiler remotely adjusting temperature, setting weekly and daily programmes, receiving alarm functions, monitor energy usage and set limits. The Wi-Fi and boiler controller also uses GPS from the user's mobile to bring on the heat when you are getting close to home to ensure the house is warm when you arrive.

Rinnai Zen & Zen Plus is available for use with both natural gas and LPG.

Rinnai UK will be launching this innovation plus several other cutting-edge appliances during 2019.

The Rinnai Corporation was founded in Nagoya, Japan in 1819 and today operates in 17 nations and regions around the world with sales of kitchen appliances, air conditioners, hot water heating & home heating units in over 80 countries.

Says Rinnai UK Managing Director Tony Gittings, "The company has evolved and developed into a group that produces a diversity of products and services that directly benefit ordinary people in their daily lives.

"Our policy is to help enrich the lives of people in local communities by providing optimal solutions that fit the lifestyle culture, climate conditions, and the energy situation of each country around the world. The three-year period is aiming at connecting the first century to the next one. The theme will be named, 'Connected in passion for the next 100 years.'

This follows the other significant corporate developments on the global presence of Rinnai - the issuing of a new logo and a new brand statement – 'A Healthier Way of Living'.

www.rinnaiuk.com



"In the Zen and Zen Plus we have a quality concept backed by high performance products and we want to work with those installers who aim to work at the mid to top end of the market, rather than scramble around the price-driven lower ends of the industry," says Rinnai Managing Director, Tony Gittings.

The Rinnai Trust Partnership will include comprehensive training and real-time instant-response technical support.

"We will also be initiating a complete programme of benefits - including liveried work clothing, suitable for all the seasons, plus individualised marketing and business support," adds Tony Gittings.



Consumers can save hundreds of pounds every year by switching their heating ON during the summer

During the summer months, central heating is often the last thing Brits are thinking about. However, central heating experts believe that keeping boilers maintained over the summer can save consumers hundreds of pounds, as they will be less likely to break or be in need of repair during the winter.

Boiler Plan have found that across the UK 77% of Brits don't have boiler insurance or central heating cover. A worrying statistic, especially as the most common date for boiler breakdowns is 1st December - the last thing homeowners want in the run up to Christmas is a large repair bill.

It costs on average between £150 and £400 to get a boiler fixed** when it goes bust and many companies also charge a call out fee, so ensuring central heating is in good working order throughout the whole year can save money and ensure everything is in good condition as the temperature drops.



To keep boilers and central heating in tip top condition this summer and beyond, Boiler Plan has published the following top tips which can save consumers hundreds of pounds each year.

Turn heating ON for short intervals

The last thing you would think to do in the summer is turn your boiler on, but it's actually something that could help keep your boiler in good health all year round. Boilers can seize up if they're not used regularly, so it's important to turn your heating on for 10 to 15 minutes every week, to keep it running smoothly.

Keep hot water ON

Depending on how old your boiler is, turning your boiler completely off isn't as economical as many people think. As well as turning your heating on for 10 to 15 minutes at regular intervals, keep your hot water on, but on a low setting. By doing this, not only do you have hot water for washing the dishes, but it also helps keep your boiler in good condition ready for the winter.

Book boiler servicing

To keep your boiler healthy long-term, you should have your boiler serviced once a year. Summer is a great time to get your boiler serviced as most people arrange a service in winter, when gas engineers and plumbers are more likely to be busier. If a fault is found, it's also easier to get it fixed in the summer, rather than discovering a fault in the winter, when you're more reliant on your boiler working.



www.boilerplanuk.com

DRU announces new streamlined Dik Geurts 2-sided wood fire

- 2-sided wood fire with continuous glass window
- Slimmer depth for more flexible installation
- Ecodesign ready with A energy label

Dik Geurts is the brand name for the wood fires and stoves that are designed and manufactured by DRU. The latest Dik Geurts model is a new, streamlined version of its popular Instyle 2-sided wood fire.

The Instyle Corner Slim 660/495 has a continuous glass window, giving the best possible view of the flames. It is 660 mm wide with a slimline depth of only 495 mm, allowing for greater flexibility of installation.

The standard model has an A energy label, with a 75% energy efficiency rating, which can be further improved by the option of external air connection. This means no air is drawn from within the room and no additional ventilation points are required, the ideal solution for modern, well-insulated homes.



Finally, like most of the Dik Geurts range, the Instyle Corner Slim 660/495 is Ecodesign ready, complying with all European emissions and efficiency regulations.

It is available from approved DRU fireplace retailers throughout the UK. For further information, visit www.drufire.com

Create the ideal climate – all year round

Humidity Solutions introduces the new HomEvap to the UK market, providing safe and precise humidity control and/or low energy cooling for residential, commercial or preservation applications.

With four different models, the system can be applied to a range of buildings or conditions and, whilst ideally included in the initial design of a property, it can also be retro-fitted.

Fitted to an air stream such as an HRU, the HomEvap Humidifier connects inline to provide humidity-controlled air to space. Using the adiabatic evaporative process, the water wastage is low, as is the energy usage. A built-in heater can warm the air to overcome the cooling effect if required.

The HomEvap Cooler can be fitted to the warm air extract prior to the HRU so that in this instance the cooling effect is transferred to the incoming air without humidity, providing up to 2kw of cooling for 20w of energy.

Both solutions can be combined if required, with a single controller providing the brains behind the technology. All controls and sensors are included in the package making it a plug and play solution.

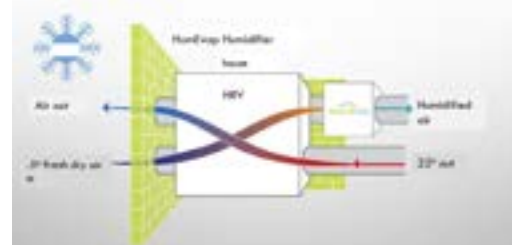
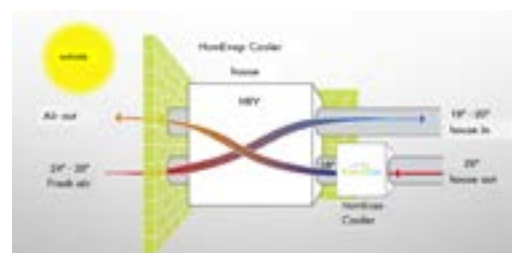
If there is no airflow, the HomEvap Direct is the solution. This system is stand alone, using a low energy, quiet fan, and can be discreetly positioned above a ceiling or in a cupboard.

This innovative humidifier from HomEvap increases comfort in every living and working environment and ensures a healthy indoor climate. HomEvap evaporators were developed as energy-efficient humidifiers, coolers and combined solutions for offices, homes, hotels and public facilities.

To find out more about the HomEvap range, call 01372 571200 or visit

www.humiditysolutions.co.uk

Quote DBB to receive an exclusive offer.





London Build 2019

Show Preview



London's leading construction and design show is back for 2019 and this time it is bigger and better than ever before. Spanning across two floors, London Build is more than just an exhibition. Not just your average construction show, the event is jam packed with content, networking and entertainment.

This year will have an important focus on mental health, well-being, diversity and equality on the main stage and throughout the exhibition, as well as opportunities to get up to date with upcoming major construction projects and opportunities across Greater London and the UK!

What's on?

London Build will be boasting CPD accredited sessions across eight different summits, hosted by the most sensational line-up of speakers at any construction show in history, and featuring accredited training workshops in everything from sustainability and BIM to Advanced Digital and Social Media Construction Marketing. Our extensive programme of over 500 esteemed speakers includes the likes of Juliemma McLoughlin the Chief Planner - Development, Enterprise and Environment at Greater London Authority, Fergus Harradence the Deputy Director of the Department

for Business, Energy and Industrial Strategy, Gillian Charlesworth the CEO of BRE, Graham Watts the CEO of Construction Industry Council, Sharon Duffy the Head of Transport Infrastructure at Transport for London and David Speight the Project Delivery Director Heathrow Expansion of Heathrow – to name a few.

Over 350 exhibitors will fill the venue including: Procore, Powerday, Recticel, JLG, BT Openreach, Epson, Panasonic, Bauder, Beaulieu International, Roof Maker, Autodesk/Plangrid, George Boyd/Saint-Gobain, Wurth, Resapol and Bostik.

The Humans of Construction photography exhibition will be displaying 1,000 of the most influential and inspiring professionals working in the UK's built environment, featuring individuals from a wide array of fascinating backgrounds in the industry, from CEO's to architects, pioneers to students and future leaders.

Networking

London Build is looking forward to welcoming over 25,000 registered contractors, architects, engineers, developers, councils and construction professionals over the two days. We're expecting a high level of attendance from the UK's top 100 contractors and architects, offering an unbeatable opportunity for networking with peers and clients alike.

We want you to leave London Build armed with a wide range of new connections and friends, and make sure you become part of an ongoing exciting and vibrant new community of like-minded professionals.

Networking opportunities include our first ever LinkedIn Networking Lounge – a ground-breaking networking initiative which enables attendees to network and make new contacts whilst simultaneously building their online network through LinkedIn using

QR codes and a timetable of Speed Networking events.

We'll also be hosting networking events such as Meet the Buyer by Constructionline, CIOB Hub in the Pub, Constructing Excellence Club Breakfast, BIM & Tonic, #TeqDen10x10, Diversity in Construction, and the UK's largest ever networking meeting of Women in Construction – plus many more.

An Event Like No Other

London Build believes that doing business should be fun, and includes within the event the Festival of Construction. Featuring comedy acts, entertainment, live music, celebrity guests, London Beer Festival, gin tastings and prize giveaways, the Festival of Construction promises to be the biggest festival in construction, offering you the chance to rub shoulders with big industry names and celebrity guests, whilst indulging in London's finest food, drinks and live entertainment.

Charity contests will be taking place across the two days, including our very own world record attempt! We'll be striving to break the world record for the greatest number of Movember Moustaches at one event to raise funds for men's health.

This truly is a show like no other, built for those in the industry who want to have fun, be inspired, and meet with thousands of architects, developers, contractors, local councils, housing associations, and more!



Register for your free ticket today at www.londonbuildexpo.com



Helifix to exhibit at London Build 2019

Helifix will be exhibiting at London Build on the 27th & 28th November 2019, Olympia, London on stand number C28.

Helifix will be showcasing their range of concealed, non-disruptive products and installation techniques alongside the Helifix Micro-Piles system, an

efficient, economical and non-disruptive method of foundation stabilisation. The sales and technical teams will be available on the stand to discuss your project specific requirements and answer any questions you may have.

For more information, call Helifix on 020 8735 5200 or visit www.helifix.co.uk

The latest tile trends

With CTD Architectural Tiles

From cultural influences to environmental considerations, the surface industry has become an exciting creative arena for trend developments. The desire for creating spaces that stand out, delivering on both aesthetic and practical qualities, has driven the demand for tiles that make unique and memorable design statements.



Oriental Accents

Synonymous with an effortlessly minimalist aesthetic, a Japanese-inspired interior fuses sleek and simple design with natural finishes. An increasingly popular trend appearing throughout residential, retail and hospitality interior décors, CTD Architectural Tiles boasts a wide range of products that can help architects, designers and specifiers achieve this look for their clients.



Timeless Terrazzo

Fast becoming one of the most popular surface choices for designers in a wide variety of residential, commercial and hospitality projects, terrazzo has experienced a major comeback in the last year. Having made its way from grand Italian homes into large communal spaces, modern homes and luxury commercial settings worldwide, CTD Architectural Tiles has grown its terrazzo-effect offering to meet market demand.



Botanical Paradise

The trend for embracing botanical-inspired design has been growing in popularity at a rapid rate, in particular within the hospitality and retail sectors. Nature has been a source of inspiration for designers for a number of years and has now developed into all areas of interior design, including surfaces.



Natural & Eco-conscious

Delivering excellent performance, whilst using significantly fewer resources, CTD Architectural's portfolio is made up of numerous ranges of porcelain tiles that contain 40% or more recycled content, enabling them to achieve a BREEAM A+ rating.

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Stainless, Aluminium, Pewter, Bronze and other metals.

Our sheet stock includes Classic Copper, Antimicrobial Copper, Traditional Brass, Engraving Brass, Aluminium, Zinc, Stainless Steel, Corten Steel, Galvanised Steel, Black Steel, Bright Steel, Rusted Steel, Pewter and Bronze sheets.

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Metal Sheets Limited are stockists, suppliers and distributors of sheet metal, mainly non ferrous, to industry, architecture, interior design, catering, food & brewing, (mainly perforated stainless steel filters), health services, facilities management, research & development, aerospace, universities, colleges, schools, photographic & film studios.

www.metalsheets.co.uk



Introducing Aria: The New Iconic Surface

Aria™ is the latest innovative surface from iconic manufacturer Formica Group. Developed to be the ideal alternative to natural and engineered stone, it is aesthetically faithful to its real life counterparts.

It combines the beauty of natural materials with a highly engineered development process; an elegant, hard-wearing solid core enabling aspirational homeowners to create the kitchen they've always dreamed of, providing a generous lifespan of luxury.

There are three colour ranges to transform any kitchen space – natural whites, cool greys and modern blacks – while classic designs incorporate marble veining, granite textures and engineered stone patterns. Versatile and striking, Aria presents a



premium look for kitchens that both delights and fascinates.

Available at your local IDS or participating showrooms, Aria is the inspiration that the forward-thinking kitchen owner of today needs.

Pricing:
20mm - RRP from £450 for a worktop 3600 x 650 mm x 20mm thick
12mm - RRP from £300 for a worktop 3600 x 650 mm x 12mm thick

www.formica.com

Premium Solid Surface Brand Staron Launches Design Contest: StaroNature

From 15th October to 31st December 2019, revolutionary solid surface brand, Staron, will be running a design contest, StaroNature, which is open to individuals or teams of architects and designers as well as university students. With the increased awareness of protecting our environment at the forefront of customer's minds, all entries should show a new Staron solid surface design inspired by nature.

The contest has three categories available to enter:
1) A new Staron design inspired by nature; a stand-alone imaginative object inspired by nature using Staron.

2) A new Staron design which shows balance between nature and Staron; an imaginative object using a combination of Staron and



a natural material such as wood, water or plants.

3) A new eco-friendly product; an innovative and practical object created using Staron to improve our environmental footprint.

Entrants should submit a readable file format; jpg, png, pdf, psd or ai containing a visual of their design with a clear explanation of their Staron product, inspiration and functionality along with an application from to:

staroncontest@lottechem.com

Application forms can be downloaded from
www.staron-contest.com

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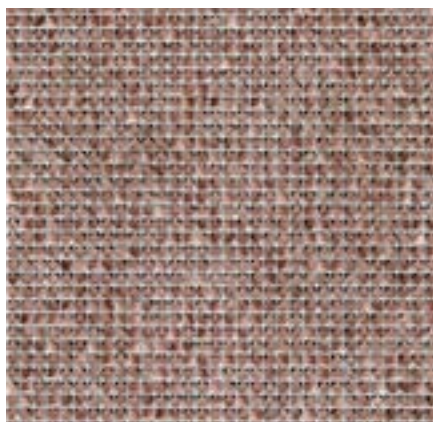
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2019 Interior Winter Trends

The autumn and winter months are fast approaching. The days are shortening, and the sharpness of the sunlight is changing. All of this means new interior design trends to match the exterior! A big aspect of this year's winter trends lies in the fact that we are entering a new decade.

A lot has changed in this past decade and the times have been dominated by politics & culture. What this seems to have brought on is a wanton for a return to nature. Natural, vibrant and charismatic colour schemes, furniture and products are in high demand.

Rich, earthy clay tones are high up on this year's winter must have lists. Colours like terracotta work well with other neutrals, as well as offering a warm and cosy atmosphere. Meadow greens are a great colour to encourage a reconnection with nature, as well as natural stone and timber fittings.



Copper bathroom fixtures from the PORCELANOSA Group: Clean washed

Copper furnishings have crept back into this year's design trends, largely due to their sophisticated and traditional feel. To work the copper craze into your bathroom, Noken, one of the Group's company, has made the ever-popular Lounge tap collection available in a copper colour.

KRION Solid Surface has also created several accessories including the PURE Mirror. Rounding off the series are a bathtub, basins, assorted storage systems, soap dishes and shelves, adding an avant-garde feel.

Copper has a certain chromatic appeal and as a result has slowly been



creeping away from its functional co-star life to take more of a prominent position as a leading role on the interior design stage.



Glass and metal mosaics by L'Antic Colonial: Modern traditionalism

Another trend that is popping up this year is the use of glass and metal mosaic tiling. Glass and metal are surprisingly versatile materials that allow for traditional colour schemes to be practiced upon in a contemporary manner.

There are numerous metal mosaic ranges, one of the most stand out in accordance with this year's winter design trends being the Gravity range. Available in a range of styles: Arrow, Braid, Cubic, Hexagon, Trace and Wave, the Gravity range exhibits exceptional versatility.

Through L'Antic Colonial, PORCELANOSA Group has an extensive range of mesh-mounted mosaics. The glass mosaic series is made using recycled materials, translucent glass and even real gold. Steel, copper and nickel are the raw materials used in the Metal Mosaics collection, made from a metal laminate attached to a ceramic base.



www.porcelanosa.com/uk

Brand New Surfaces added to the dp-limitless Collection by Decorative Panels Lamination

October marked the launch of three new additional ranges to further enhance the stocked dp-limitless Collection available from Elland-based Decorative Panels Lamination – and alongside stunning products from Pfleiderer and REHAU are out of the ordinary surfaces from Voice Tec.

Taking its offer to more than 90 laminates from Pfleiderer's DST collection, the new additions to Decorative Panels dp-limitless range include striking unicolours like Orange, Signal Red and Gentian Blue. Grain embossed unicolours have also been added along with embossed woodgrains like Milano Walnut, Ponderosa Pine, Bordeaux Oak, St Tropez Oak and Zebrano.

Unlike traditional bonding techniques which use cold pressed Emulsion Adhesives, dp-lamination bonds the Laminate to the substrate using a high performance PUR adhesive. Not only does this give a higher glue line strength it offers the additional benefits of being waterproof with excellent low and high temperature performance. There is no doubt that Laminate bonded in this way has all round superior qualities when compared to other methods. The new Pfleiderer products are available in laminated board size of 3050 x 1300 x 15mm, or 18mm MDF, and 2440 x 1220mm dp-lite hollowcore in variety of thicknesses and quantities from just one board.

Next to be launched in October at UK Construction Week was the REHAU Rauvisio Crystal range – a collection of on-trend surface materials that's suitable for both furniture and interior wall cladding applications. Rauvisio Crystal laminate combines the visual appeal of glass with the uncomplicated processing properties of an acrylic, and it comes with the added advantage of being 10 times more break resistant than real glass and half the weight. It's also light, UV, scratch and impact resistant. REHAU's Rauvisio Crystal décors – Conglomerato Chiaro, Conglomerato



Image: Voice Tec

Scuro, Marmo Toscana, Marmo Romano, Marmo Bianco, Marmo Nero and Ruggine – have all been added to the dp-limitless offer and all the designs are available in gloss and matt finishes. All are available laminated on 2800 x 1300 x 15mm MDF and in quantities as low as a single sheet. For a seamless look, matching edgbanding is available directly from REHAU.

If you're looking for a finish that's very different, you're sure to find inspiration in a new collection of Voice Tec acrylic textured surfaces that's been added to the dp-limitless range under the Textured Surfaces category. Decorative Panels Lamination has launched six 1.4mm thick patterns that are supplied in a white matt finish for recoating with a universal 1mm backing sheet, if required. Launched by dp-lamination at the Surface & Materials Show in October, Voice Tec's Loop, Cactus, Diamantino,

Italian Plank, Juta and Giglio are deeply textured and very tactile. Taking inspiration from flowers and bark as well as metals, weaves and abstract patterns, these totally unique finishes are ideal for any custom project, and the surface can be used either uncoated or with an over lacquer. It can be painted or lacquered using acrylic, polyurethane or water-based finishes, it's resistant to weather and UV rays and can be processed using normal woodworking tools and machinery. Recoatable edging is also available. If you need a design creating to your own specification, Voice Tec will even do that for you and Decorative Panels Lamination will apply it to 3050 x 1300 x 15mm MDF panels.

For more information on these three exciting additions, contact Decorative Panels Lamination on 01484 658341 or visit www.decorativepanels.co.uk

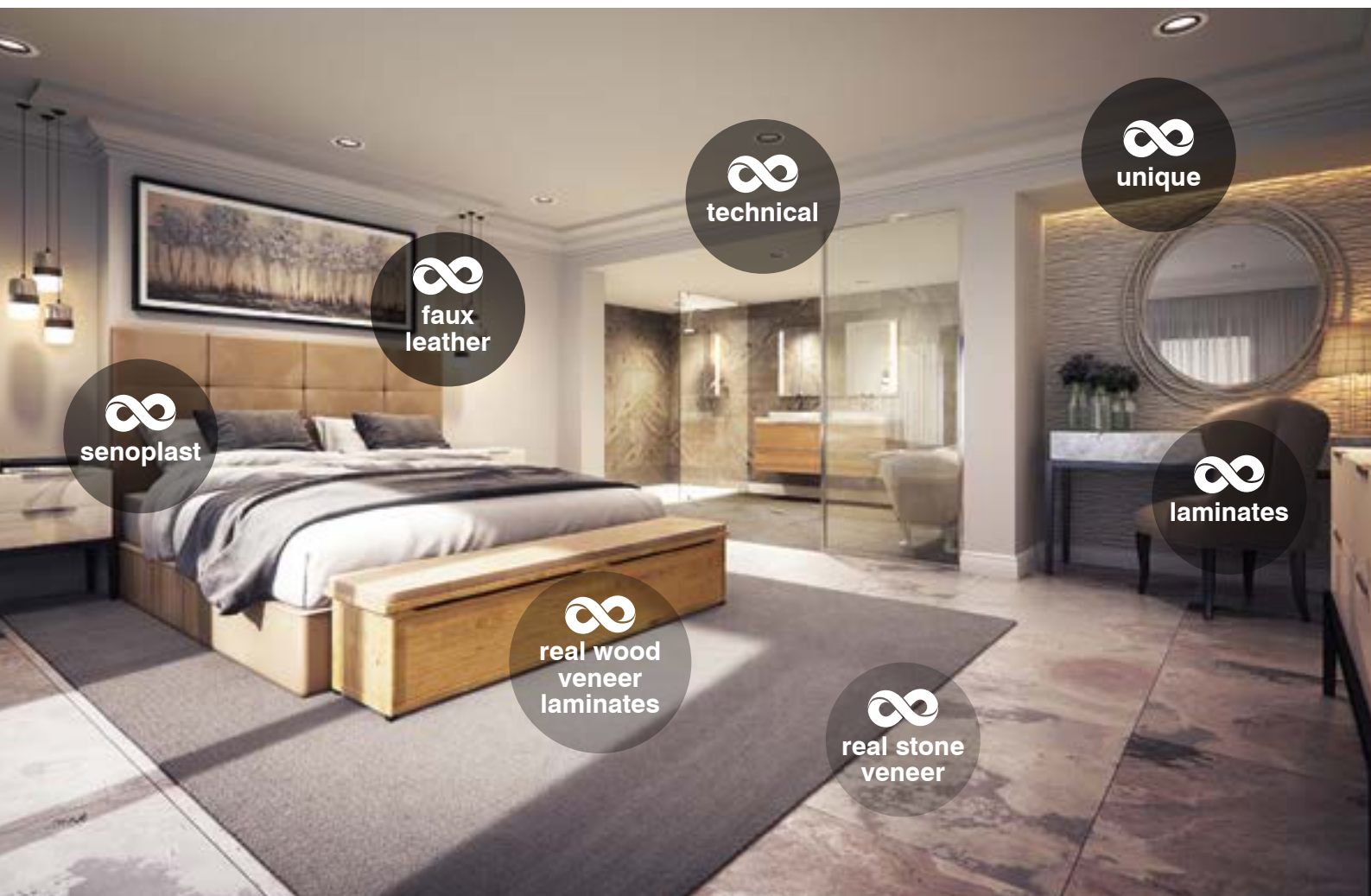


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January Furniture Show gets ready to light up a new decade

Well-known and highly regarded brands January Furniture Show (JFS) 2020 will set the new decade off to a flying start January Furniture Show 2020. The 4 day trade show which runs from 19th-22nd January at Birmingham's NEC will be bursting with new collections furniture of all kinds, lighting and interior furnishings.

Over 500 exhibitors will flood 5 main halls of the venue with the current trend for mixed materials, reclaimed woods, metals and plastics being very much in evidence. In 2019 more than 21,000 buyers and visitors attended, with post show feedback showing that 94% of those who responded stated that January Furniture Show was a must attend event and 81% stated that their main intentions in visiting were sourcing new products and networking with industry colleagues

Building on successful show developments from this year the 2020 iteration will feature an extended LIGHT at January Furniture Show. In association with the LIA (Lighting Industry Association), LIGHT@JFS will feature both UK and International

companies showing extensive collections of general, task and accent lighting - everything from small table lamps to statement chandeliers for both residential and commercial environments will be on display.

Interior and exterior lighting in styles from industrial to ultra-modern will be introduced by lighting companies including Searchlight, Franklite, Girard Sudron, Impex Russell, Inspired Lighting, Tp24 and Dar Lighting at JFS in 2020.

BEDS at January Furniture Show was another successful show development in 2019. It returns in 2020 with extended space and new exhibitors. Major brands including Silentnight, Sealy, Highgrove Beds, MLily and Millbrook are among those showing their new models of beds, mattresses and sleeping accessories and collectively will form a powerful assembly of the some of the best bed and mattress companies in the UK market.

Upholstery is perennially popular at January Furniture Show and big name UK manufacturers will feature

throughout, including Duresta, G Plan, Buoyant, Ashley Manor, Parker Knoll and Michael Tyler - all demonstrating the abundant design flair and manufacturing skills within the British Isles.

UK cabinet companies including Bentley Designs, Ercol and Kesterport return with living and dining collections in a wide mix of materials – marble, glass, metal, stone and wood will all feature in models on show. Joining them are a host of high-end European brands including ALF, Gwinner, Skovby and Weimann who bring Italian chic, German engineering and Scandinavian cool to their collections.

Playing a pivotal role at January Furniture Show interior furnishings including rugs, mirrors and art attract huge numbers of buyers. Renowned brands including Gallery Direct, Culinary Concepts, Kelston House, Pacific Home and Libra are just some of the major brands releasing their comprehensive new collections for 2020.

Entrance is free, to register and see the full exhibitor list please go to: www.januaryfurnitureshow.com

January **FURNITURE** SHOW

NEC
19-22 JAN
2020

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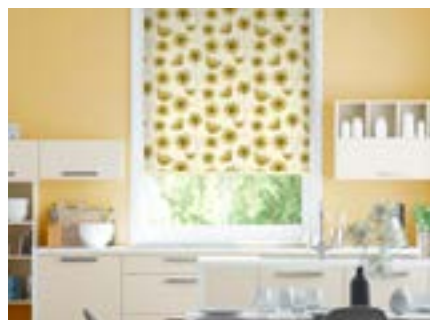


Scandi Inspired Blinds From MissPrint – NEW at Blinds 2go



Blinds 2go have added another spectacular new name to their portfolio of designer collections. Contemporary home stylists MissPrint are the latest brand to bring their unique flair to the Blinds 2go range. There are 30 stunning new roller blind fabrics to choose from, starting at just £29.25 and available to buy at the click of a button from the UK's largest dedicated online made to measure blinds retailer.

With a strong belief that visual design affects our everyday wellbeing, MissPrint have created an iconic collection of vivid patterns. Famed for their geometric designs, their range is heavily influenced by Scandinavian styling and mid-century chic.



From their flagship Little Trees pattern, showcasing co-founder Rebecca Drury's whimsical illustrations, to the tropical leaves of Guatemala, each design starts out life as a naïve hand-drawn sketch and is brought to life through their use of colour, scale and rhythm. In 30 vibrant colours and contemporary patterns,

Blinds 2go have curated the best MissPrint has to offer and delivered an incredible collection of made to measure roller blinds that are ideal for the modern home. Each roller blind

design is available with a bespoke choice of linings to shade the home perfectly. A light filtering lining offers gentle protection from glare while the blackout lining is ideal for spaces such as the bedroom where darkness is a priority.

The welcome addition of these stunning MissPrint roller blinds enhances an already stellar collection of blinds, curtains and shutters available at Blinds 2go and sister site Curtains 2go. With easy to follow measuring and fitting guides, up to 70% off high street prices and a fast, free sample service Blinds 2go makes made to measure style accessible to all.



For further information, free fabric samples, instant prices and a huge array of choice, visit:
www.blinds-2go.co.uk
www.curtains-2go.co.uk or
freephone: 0800 862 0464
Or visit www.blinds-2go.ie and contact: 01 969 7247



Sir William Bentley Billiards

The craftsmen at Sir William Bentley Billiards' workshop, in Marten, England, have designed and made some of the world's most beautiful bespoke billiard tables. With nearly 40 years of experience in Antique Billiards restoration and reproduction, they have become experts in their craft.

Their aim has been to continue the Victorian tradition of Excellence in billiard table manufacture by restoring and reproducing designs of that era whilst applying the same attention to detail and focus on quality to the creation of bespoke contemporary tables for Snooker, Pool, French & Russian billiards, as well as dual-purpose dining tables, matching accessories and billiard lighting.

The family-run business company is committed to providing a truly bespoke, personalised service, producing unique furniture of the highest quality, from the finest materials. Each piece is handmade to order, with every detail subject to the client's individual specifications – or that of their interior designer. Once finished, the tables are meticulously assembled on-site and set-up by the company's experienced fitters.

This truly bespoke approach, and the quality of its work, has led the company to be widely known within the Interior design industry, Internationally, as well as in the UK.

Many of their tables have been uniquely specified by top Interior Designers and are as likely to be found in a Luxury hotel in the far East, or boutique Bar in Dubai as they are in a private Alpine Chalet or a Mayfair basement.

As a result, their table designs have become increasingly diverse and contemporary, and the finishes, craftsmanship and attention to detail are subject to the scrutiny of this most discerning audience.

The appeal to these clients is clear – every table is meticulously made to match the interior design of the property it's being made for.

In recent years, working with commercial clients such as luxury Property Developers and boutique Hotels, the company has also started to offer their unique tables on a lease, rental or sale or return basis.

Developers can therefore furnish their property with a stunning piece of furniture, and hotels and bars can offer a luxury feature - beautifully suited to their space, possibly offering alternative use of this space – without the capital outlay typically involved in owning such a piece of furniture.

If you're interested to find out more, the company welcomes visitors to its workshops and showrooms by appointment, or visit www.billiards.co.uk





Swan Systems Sliding Wardrobes – Maximising Storage in Smaller Spaces

We manufacture and supply (or install) our own brand of Swan Sliding Wardrobes to house builders, hotels, interior designers and create unique designs to help them sell their properties.

With a choice of 17 frame colours and panel, coloured glass or mirror door options our British Patented product really deserves looking at.

We hold SafeMark certification and all fitters hold CSCS cards.

If you'd have a property you'd like us to quote for or want an info pack, please email info@swansystems.co.uk



Wiesner-Hager - meeting the growing demands for mobility

Wiesner-Hager has developed an unconventional office solution which has been specifically designed to meet the growing demands for mobility required by co-working spaces. With yuno office, any company regardless of size, structure or sector can empower employees to enjoy flexible, uncomplicated use of office space in a world of agile working. Originally designed as a stacking table for learning spaces, yuno has been expanded for use around the office. A special plug-in box can be mounted onto yuno which transforms it into a fully-fledged workstation in next to no time.

The plug-in box, with its powder-coated metal casing, provides connections for power and data such as sockets and USB. In addition, it also serves as a lockable storage compartment for personal possessions and valuables.

www.wiesner-hager.com.



Vanessa Arbuthontt Fabrics

Vanessa Arbuthontt Fabrics has been running for over 19 years. Everything is exclusively designed by Vanessa Arbuthontt herself, the fabrics are woven and printed in the UK from Linen and Organic Cotton, Velvet and Harris Tweed. A made to measure service is also provided for interiors for sofas, chairs, footstools, headboards, blinds, curtains, cushions, lampshades and quilts, all hand made by local crafts people using the fabrics of your choice.

The flagship shop and showroom is styled with roomsets including examples of made-to-measure pieces of furniture and home furnishings. Whether you're at the beginning of a new build, mid renovation or just keen to upcycle and update, the fabrics and our team of consultants will provide inspiration for your home.

For more information visit the website at www.vanessaarbuthontt.co.uk

Bromleighs



Bromleighs offer an extensive range of switches and electrical accessories to suit both period and contemporary interiors. Their Forged and Profile Collections are hand-made at their workshop in Cornwall, using inserts manufactured here in the UK.

The Hardwood, Bakelite and Period Switch collections are made with British Oak which is hand-stained and waxed. Recent installations include a Chateau in France and the extensive refurbishment of an Irish Castle. Bromleighs also offer a wide range of interior and exterior lighting and architectural hardware.

For a current brochure of further information, please call the team on 01208 79490 or www.bromleighs.com



Painted Perfection by Brandt Kitchens

Leading British retailer, Brandt Kitchens, is delighted to unveil a beautiful open-plan kitchen living area in rural Hertfordshire. Ideal for sunshine living all year around, this in-frame Shaker kitchen is the heart of a busy family home with the patio just a footstep away for easy al fresco dining.

Blending the best of classic style with contemporary cool, the elegant painted kitchen in Dove Grey boasts ample storage with a bank of floor-to-ceiling units and an AGA range cooker. The centrepiece is the island unit cleverly designed with curved corners, to combine a generous food prep area with a breakfast bar as well as a gable end which comfortably seats six for dinner.

Designed with classic In-frame style doors, this made-to-order cabinetry, is paired with 30mm Berwyn quartz creates a calm and soothing aesthetic throughout the kitchen, blending seamlessly with porcelain floor tiles from the Brandt Collection. Seating in



mouth-watering sorbet shades injects a touch of fun and personality, balancing the elegant shades of grey. The theme continues outside with a colourful dining set and loungers by the pool.

The kitchen was designed to create a highly ergonomic open-plan kitchen/dining/family room which blends indoor and outdoor living. The scheme

is functional and spacious, maximising the scenic views of the beautifully manicured gardens.

The design experts at Brandt Kitchens worked very closely with the client, from initial consultation and design concept for the kitchen and pool house as part of a renovation project for the whole property.



With a brief to achieve a highly functional kitchen to maximise flexibility for entertaining and casual dining, this modern kitchen scheme embraces some of the latest appliances by Miele including two single ovens, a combination microwave and warming drawer, complete with two Bora Classic hobs with integral extractor as part of the island unit. The cook's pride and joy is a traditional AGA range cooker with an integrated module to left, comprising a slow cooker and a four ring hob. For added convenience when entertaining, there is a side by side Smeg wine cooler and fridge freezer.

Scott Davis, Director, Brandt Kitchens, says "We really enjoy exploring new challenges when it comes to kitchen design. This was a great project to work on as we needed to incorporate a pillar into the room and work it into the design. By breaking away from the standard rectangle, we provided plenty of work space for the chef, a cosy spot for guests to perch at the breakfast bar as well as an alternative to the dining table. We clad the pillar to match the work tops and help bring the scheme together. The secret of ensuring a kitchen and living space has longevity is to really understand client's lifestyle and tailor it to fit their individual needs for many years to come."

- Kitchens designed by Brandt Kitchens start from £25,000+vat
- The Painted In-Frame Kitchen Furniture specified in this project retails for £45,000+vat

Project by Brandt Kitchens

This classic kitchen scheme includes:

- Grantham Kitchen Furniture, Dove

Grey painted finish & Chrome Square Knob Handles

- Berwyn 30 mm Quartz Worktops
- Miele 2 x H6860BPCLST Ovens & 1 x H6800BMCLST Combi microwave
- Miele Warming Drawer (ESW6114CLST)
- Miele Fully Integrated Dishwasher 2 x G6660SCViCLST
- Miele Integrated Built In Fridge. K32222i Fridge
- Smeg RF396RSIX Fridge
- Smeg WF366LDX
- Quooker Hot Water Tap Nordic Square
- 2 x Bora Classic CFI11 hobs with extraction



Brandt Kitchens

www.brandtkitchens.co.uk



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LEISURE SINKS INTRODUCES NEW STAINLESS STEEL MODELS

Leisure Sinks has extended its offering of stainless steel sinks with the launch of seven new models. The new models include the Albion, a new range manufactured from 0.7mm 18/10 stainless steel. Albion includes three models – a single bowl, a 1.5-bowl and a compact single-bowl – each featuring distinctive straight lines, softly curved bowls and reversible drainers. In response to an increase in demand for smaller, more compact kitchen sinks, Leisure Sinks has also launched: Euroline; a short-projection version of its existing Linear sink; and shallow versions of both the Linear and the Seattle. All Leisure Sinks products are regularly tested by independent inspectors to guarantee that they are manufactured to the highest standards.

The new sinks are available to UK retailers now. For more information about Leisure Sinks, please visit www.leisuresinks.co.uk



Maxtop launches next generation of its one-of-a-kind worktops

Unique modular quartz surface specialist, Maxtop Quartz, has revealed the next generation of its one-of-a-kind worktops, complete with a seamless finish, stylish 1.5mm bevelled edge and now including marble-effect finishes.

Stephen Moss, managing director of Maxtop Quartz Ltd, comments: "Maxtop Quartz has always been a unique proposition in the surface market and we've been working incredibly hard behind the scenes to develop the product to make it the best it can possibly be.

We've also revised our décors after much careful consideration and are confident that we have a shade for all kitchen styles."

For more information about Maxtop please visit www.maxtopquartz.co.uk

GRAFF®'S New Vintage Collection Available in Array of Stunning Finishes

GRAFF®, manufacturer of contemporary precision-engineered kitchen and bath products, presents its latest collection – Vintage – in the Brushed Nickel finish.

The collection emulates the best of the industrial design paradigm, perfectly suited to outfit metropolitan environments known for their loft style.

The Vintage Collection draws inspiration from the design of classic fire hose nozzles, pairing a modern spout with bold handles. Each element, from the rounded brim at the spout's top to the undulating handles complete with carefully designed cut outs, resembles the traditional forms of the fire house featured in the historic Chicago Fire Department logo.

The Vintage Collection enriches bathroom suites through its elevated design.

GRAFF's G+Design Studio honed-in on the collection's handle design to create a beautiful, practical, and ergonomic solution that facilitates easy use. The collection offers a choice of circular or linear lever handles (with a knurled accent for added allure) for deck-mounted, wall-mounted or freestanding installations.

The two-hole and single-lever faucets feature an internal progressive cartridge that makes it possible to regulate water temperature while maintaining constant pressure. This system reduces hot water waste as a result.

The progressive cartridge offers the possibility for a cleaner and more engaging design: the traditional cap is not necessary for the rotation of the handle; the tap develops into a unique silhouette, without the conventional cut on the back of the body.

The special double finish Brushed Gold with Black inserts is also included in the catalog offering.

For more information about GRAFF, visit www.graff-designs.com or www.facebook.com/grafffaucets



berbel

COOKER HOODS THAT REALLY WORK

Q: How pure is the air in your kitchen?

A: All too often the steel fat filters used in traditional air extractors become clogged up with material, are forever difficult to clean and lead to unhealthy, stale air and a thin film of fat on every surface ...

... BUT THERE IS A SOLUTION!

German kitchen hood maker Berbel has developed a unique and patented extraction method based on centrifugal force - and no steel mesh filters!

Berbel produces the only devices on the market to suck in the contaminated air, spin it and separate off up to 97% of all fat, oil and steam into a removable, easy-to-clean steel tray. At the same time, a high quality, renewable carbon filter snuffs out almost all cooking smells.

MULTIPLE DESIGN AWARDS

Not only do Berbel extractor hoods leave your kitchen fresh and clean, but they have also won 12 international design awards since 2010, plus most recently the 2019 international Best of the Best Red Dot design award (see Skyline Frame ceiling hood, main pic). Whisper-quiet and eco-sensitive, Berbel hoods are powered by fan motors that use 62% less electricity than traditional motors.

Berbel hoods come in 19 different styles and a wide choice of materials, shapes, colours and sizes to fit any kitchen space from small galleys to large open-plan designs.



Skyline Frame Island hood from Berbel: it drops down from the ceiling to an adjustable height via remote control



Berbel's latest product: Downline Compact hob and built-in extractor fan from June 2019

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Transforming Your Garden with Artificial Grass

How are people using artificial grass in their gardens?

The beauty of artificial grass is that there are few limitations to how you can use it, which allows people to be more creative with their gardens no matter the size of the space. Over the past few years, artificial grass has become a popular solution for many, and it has

started to revolutionise the possibilities of domestic garden design. At Prestige Lawns, we have seen artificial grass trends come and go, however, these are the two that haven't gone away and are very effective for turning a small domestic garden into something special.

Multi-layered gardens

A garden with multiple levels allows you to create sections in the space,

and add new, interesting features in an otherwise ordinary garden. In housing estates especially where gardens are usually smaller, a multi-layered lawn creates the illusion of a larger space. With natural grass, a terraced garden can quickly start to look unkempt and disorganised, however artificial grass keeps each layer looking neat and uniform, which creates a clean and smart-looking space that's both functional and beautiful.



Creating shapes with artificial grass

Creating distinct shapes, curves and lines with artificial grass is a great way to achieve a modern and unique look with your garden. We can cut the artificial sheet to virtually any shape, with neat and clean edges that couldn't be achieved through traditional gardening. Artificial grass is easy to install, so you can consider the sort of layout you'd like before placing your order and discuss your design ideas with the supplier. The sky's the limit! Some popular shapes are circles and curved borders. You can even layer artificial grass on the sides of your

home if you'd like, which is a nice look in particular for communal gardens in blocks of flats where there's not a lot of space.

Maintaining your artificial lawn

If you decide to try artificial grass for yourself, here's our advice for maintaining its quality. After installation, your new garden will look pristine and there are a few things you can do to preserve its condition and make your investment last.

When it comes to artificial grass, light maintenance goes a long way. This means de-weeding and brushing debris

off the surface every week or so. Leaves will quickly rot especially during rainy months, which can cause damage to the artificial turf, so keep a brush nearby to prevent this happening. Also, remember to apply weed killer to the area a couple of times a year. Weeds still grow beneath artificial grass and will begin to come through and damage the turf if you do not treat them.

When it comes to artificial grass, maintenance is mostly common sense which is why it's so great - it makes creating a beautiful garden possible for absolutely everyone.



www.prestige-lawns.co.uk/





HexxHome

Our vision is to provide leading housing solutions that the home owner can take pride in, our design philosophy: simple yet sophisticated. We design homes to meet the housing demands of modern society, built to surpass the quality and environmental standards of UK build standards. Since the conception of HexxHome in 2014, we have developed our design to provide a housing solution that is future proofed; one that can be manufactured off-site and erected using modern

practices yet one that can be easily customised to meet the demands of the home owner. In summer 2016 the first HexxHome concept was built which was further developed into a fully functioning one-bed house, the Prototype HexxPod. In February 2017 we were granted a patent applicable to our unique building method and in May we were awarded an LABC/ Premier Guarantee Warranty, making us fully available for the UK Housing market.

www.hexxhome.com

Envirostrate

Envirostrate is a composite roofing product engineered to authentically replicate the look of natural Welsh slate roofing. Established in 1998, Enviroshake is a pioneer in the composite roofing industry in North America, with thousands of installations across North America, the Caribbean, and other international locations.

The Envirostrate composite blend is a mixture of 95% post-industrial plastics, recycled elastomers, and natural wood fibres. Our formula and manufacturing process has led to a product with enhanced durability, longevity, and performance.

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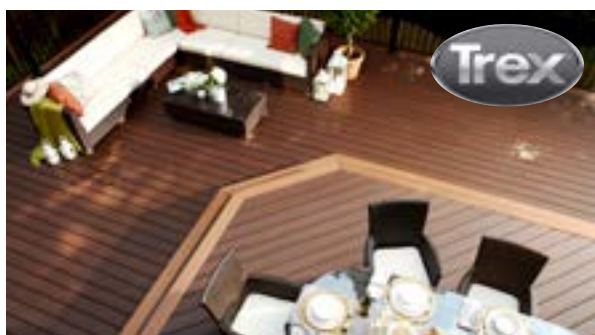
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Envirostrate



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Featuring a protective shell for superior defense against severe weather and heavy

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Trex decking is available locally through Arbordeck stores www.arbordeck.co.uk

Visit uk.trex.com for more information on Trex products.

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Preserving the past for the future

Repairing old buildings, replacing masonry, adding features to an already beautiful setting or creating a brand new home, expert stone masons work with it all.

Time, expertise and patience are the key elements that stone masons use to preserve, repair and finish buildings, many of which are already steeped in history while others are bang up to date with modern architecture. No one can deny that it is a highly skilled craft and an art form we all admire.

The stone that the masons use has been carefully sourced, sawn and then carved in the mason's workshop prior to being hand finished at its final destination, adorning a new location, where it will remain long beyond the years of the masons who chiselled hours of their time in to its creation.

The masons use their knowledge to mix history with modern day, often blending old with new, paying attention to detail to ensure the completed project is to the client's expectations and satisfaction, bringing their ideas to life.



Cotswold Hill Stone and Masonry employ their own team of highly accomplished stone masons who are based at Cotswold Hill Quarry near Stow-on-the-Wold and Birch Hill Pennant Quarry, in Park End within The Royal Forest of Dean. Here they mainly work with Cotswold limestone, Bath stone and Pennant Sand stone, though they also use Iron and Lias stone to fulfil their customer's requirements.

For further details contact Cotswold Hill Stone & Masonry on 01386 584384 or visit their website www.stonequarries.co.uk



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Made-to-Measure Oak & Glass Staircases

About Oak & Glass Staircases

A combination of oak and glass is by far the most popular choice of staircase design right now. The use of glass on stairs and landing balustrades really helps open up the space, making it lighter and brighter.

To create the look of a solid oak staircase without the high price tag, try opting for MDF treads and risers with oak balustrades, strings and newel posts. A great example of this can be seen in this farmhouse renovation. This design with embedded glass balustrade starts at £1455 + VAT

How to order

Design your own made-to-measure staircase online using the 3D StairBuilder design tool at Stairbox.com. Configure the design and materials to suit your interior, adding features such as winder turns and

feature treads to make it work perfectly in the space.

The StairBuilder is the ideal way to keep your staircase design within budget as it shows instant prices. You can then save your design as a quote or buy online.

If you need further support with the design of your staircase or simply need to ask a few questions, simply get in touch with the technical team.

Seen something a little different? If you're looking for a bespoke design such as a cut string or open plan staircase, simply get in touch with the StairBox team. All designs, including bespoke can be seen on the staircase gallery at stairbox.com.

Visit the website: stairbox.com
Call: 01782 832555
Email: hello@stairbox.com





What to consider when replacing a staircase

“Staircases are now a priority for both architects and homeowners,” says Richard McLane of Bisca. “Arguably the staircase is more important than the kitchen or bathroom as it is often the first thing you see when entering the house and is usually the only way of travelling between floors. Kitchens and bathrooms end up being ripped out and replaced as fashions and taste change; however a staircase is integral to the architecture of the building and, designed well, should last as long as the building remains standing”

There are many reasons to replace a staircase; rearrangement of living space, modern living in an older

property, changing the flow of traffic and opening up the hallway to let in more light are just a few of them.

Space is one of the defining factors when designing a staircase and is increasingly at a premium in homes. A staircase specialist like Bisca will evaluate the area in the context of your home and your needs. The position and configuration of the staircase depend on entrances and exits and the flow of traffic and, while it is often assumed that spirals have the smallest footprint, alternative layouts such as a helical staircase may be equally space-efficient.



Once the layout is defined, the next consideration is style and materials. Every interior should be treated as a unique space – a sleek, stainless steel staircase works well in loft spaces and buildings with a high-tech, contemporary style whereas a very grand home with an impressive entrance hall requires something more elegant and majestic. Hand forged uprights with a choice of finishes are particularly popular in period properties.

The trend for light, spacious open plan interiors has created a trend in the use of glass for staircases. As well as maximising light the ethereal aesthetic of glass can make the staircase appear to float. Additional light can be created using open treads or specialist lighting.

Commissioning a bespoke staircase enables you to create an original design to your brief, and for this you

need a specialist staircase designer. It pays off to bring someone in at the very beginning of a project – certainly before building work begins. As well as offering expert knowledge on structural and building regulations, a specialist will be involved in every process from design through the build to installation.

There is no doubt that a unique staircase solution designed in empathy with the fabric of the building will always look better than a kit or modular staircase.

Bisca bespoke staircases start from £22,000 for a staircase; to transform an existing structurally sound staircase by changing the balustrade costs from £3,000 per metre



www.bisca.co.uk





Lighting and its effect on our wellbeing

A recent article from Forbes highlighted the way artificial light impacts our mental health and wellbeing both in the workplace and at home.

Poor lighting is known to have negative effects on our health, both physically and mentally, including eye strain, headaches and increased anxiety. However, well-considered lighting designs and installations can evoke more positive reactions; they can calm, motivate, inspire or even enliven us.

Using the right lighting components can also reduce our propensity to suffer from seasonal affective disorder (SAD), and improve our sleep – with exposure to excessive amounts of white or blue light known to impact our overnight activity. Additionally, in the home, clever use of lighting can make a family feel warmer or cooler, even if the room temperature stays the same¹.

As such, modern architecture trends are leaning towards the use of clever lighting technologies as a more experiential factor both at home and work, using it to lift our moods while



simultaneously adding style and function to a space.

For those working with contractors to create desirable spaces and atmospheres that are also sustainable, LED lighting offers the perfect solution. With low heat up, small in size and providing long operating life, LED lighting systems – such as Loox by Häfele – deliver an easy-to-install option that creates expressive and usable spaces.

The Loox Plug and Play system, with its clear colour coding, makes the system simple to assemble and install, without the need for an electrician. Its flexibility makes it easier to plan lighting installations and offers

additional creativity for those wanting to use light to do more than simply illuminate a space.

Instead, Loox lighting can be used to produce certain atmospheres within rooms, and particularly furniture, with specific tasks or outcomes in mind, making light a tool for productivity, or simply to make families happier. With Loox, users can also change and control lighting themselves via an app on their phone. This means that in a kitchen, for example, a family could change the mood and lighting depending on what the space was being used for.

Häfele is one of the biggest suppliers of furniture lighting solutions in the industry, and its Häfele Connect range of smart products offers new, surprising possibilities for lighting solutions. Its Loox by Häfele range fulfils strict worldwide quality criteria and is designed to have a long service life. For more information, please contact Häfele.



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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.

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ALD
Architectural Lighting Details

LuxLive, ExCeL London

13-14 November 2019



LuxLive is the leading event for anyone who supplies, buys, specifies and designs lighting.

As the only showcase specifically dedicated to innovation in lighting, LuxLive is where more than 200 international brands launch new solutions and discuss innovative technologies with an influential audience of over 6,000 specifiers and end-user buyers.

Co-located with LuxLive is lightspace london, the ultimate event for architects and lighting designers to discover inspirational ideas from iconic and new-to-market international brands. Both LuxLive and lightspace benefit from the interaction between their audiences, maximising their attendance in London to deliver two days of unmissable business generation, networking and learning.

The organisers, Clarion Events have secured over 100 world class industry speakers to deliver cutting edge sessions packed with inspiration. Smart Spaces and Wellbeing, Emergency Lighting, Women in Lighting and Illuminating City, are just some of the exciting features visitors can enjoy over two days, completely free of charge.

You will be able to meet some world class, industry leading lighting manufacturers including; LEDFLEX, Bluetooth, Signify, P4 Fastel, Osram, Recolight, Thorlux, Seoul Semiconductor, Hacer Lighting and LiteIP.



Delegates can secure their registration at the links below:

LuxLive – www.luxlive.co.uk/mhmedia

lightspace – www.lightspace.london/mhmedia





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The Enviroshake composite blend

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Premium

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Easy to install

- 1/3 the weight of natural Welsh slate
- Cuts can be made with a circular saw
- Installed with standard fixings
- Can be installed on battens or boarding
- Does not require roof reinforcement

www.enviroshake.com

Enviroshake®

Abandoned hospital given luxurious lease of life

A former 19th century hospital in Stafford has been restored to become a collection of luxurious apartments.

Previously "St George's County Asylum", the grade II listed building on Cooperation Street opened in 1818 and housed 1,000 patients before finally closing in 1995. Following 20 years of neglect, the building was in disrepair with crumbling floors and walls, until work started in 2015.

The building has now been transformed by Shropshire Homes, into a collection of one, two and three-bedroom apartments and renamed St George's Mansions.

The house builder was keen to preserve the history of the hospital and maintain the Georgian architecture. To ensure this, they worked closely with leading roof tile manufacturer Russell Roof Tiles, who has extensive experience in restoration projects and pitched roofing.

The manufacturer supplied 20,000 of its Lothian tiles in Slate Grey to re-roof the building. The modern material replicated the look of the building's original natural slate tiles, whilst providing the sustainable benefits of concrete.

The Lothian tiles form part of Russell Roof Tiles' Natural Range - an expanding selection of thinner leading edge interlocking concrete tiles. When laid, the tile gives the appearance of a small format tile with the commercial benefit of a larger format tile.



The technical team at Russell Roof Tiles has spent many years creating an authentic collection of roof tiles which replicate original tiles, but with all the properties that you would expect from modern materials.

Russell Roof Tiles is a leading independent roof tile manufacturer providing products for leading UK house builders and high-profile social housing and commercial projects, where sustainability and eco-credentials are the utmost priority.

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Build a beautiful home with Cedral

The exterior of a property is an important aspect of any renovation, providing the ideal opportunity to improve the overall efficiency of your home as well as improving its visual style. One way of achieving this is with Cedral fibre cement cladding, which can help add style and individuality to your property. Cedral can be fitted on top of your home's existing structure and can be designed to complement windows, doors and other external features.

The lightweight nature of Cedral and other fibre cement cladding lends itself to short installation times as it is available in set sizes of manageable length, making it an ideal solution whether you are looking to give your home a quick refresh or a complete transformation.

Cedral fibre cement cladding provides a minimum life expectancy of 50 years, along with the ability to withstand

attack from insects, rot and the external elements. This provides you with the peace of mind that your renovation has been designed to stand the test of time, whilst looking good all year round.

As fibre cement cladding including Cedral is available in factory applied colours, it doesn't require regular repainting or maintenance, unlike other cladding materials, which may require frequent repainting or treating to maintain their appearance.

Cedral Lap and Cedral Click fibre cement cladding offer 21 colours across four colour palettes, which have all been designed to create a standout property.

These include the Mineral range, which contains colours with a distinctive stone feel whilst the Earth range boasts a darker and richer colour, echoing the natural feel of raw



materials. The Forest range includes a pleasant array of warm neutral shades including Sand Yellow and Sage Green and finally the Ocean range consists of cool hues from Blue Grey to Violet Blue. All of the colours within the four palettes offer subtle yet striking finishing touches to your home.

Cedral Lap and Cedral Click fibre cement cladding materials offer a Class A fire performance rating and provide the perfect solution for completing exterior renovation projects.

For further details about Cedral visit: www.cedral.co.uk



Create a standout project with Eternit fibre cement slates

Designing a project from top to bottom is no easy task, but one feature which can often be overlooked is the roof. The exterior of a building provides the perfect opportunity to make a lasting first impression and one way of achieving this is by using Eternit fibre cement slates.

Available in four slate options, Rivendale, Birkdale, Garsdale and Thrutone fibre cement slates have been designed to provide a range of options in terms of colour, texture and visual appearance, offering the opportunity to produce innovative and imaginative projects. Eternit's fibre cement slates also achieve a 'very good' rating under BES 6001 Responsible Sourcing providing extra credits under BREEAM Schemes.

Eternit Rivendale Fibre Cement Slates

Available in striking Blue-Black and Cromleigh Graphite, the Rivendale slates feature a finely detailed surface and dressed edge, combining the benefit of modern technology with the look of natural slate.

Ideal for use on projects where a natural look is sought, Rivendale fibre cement slates are perfect for homes where sustainability is key.

Eternit Birkdale Fibre Cement Slate

Birkdale fibre cement slates can be used for pitch designs down to 20° in a moderate exposure location, offering the designer and contractor increasingly flexible design and installation options.

Featuring a smooth surface and dressed edges, the Birkdale range offers a traditional aesthetic creating the perfect look.

Eternit Garsdale Fibre Cement Slates

The Garsdale range features a detailed surface and square edges. Versatile and easy to install the Garsdale range is a favourite with both architects and contractors alike.

Available in a solid Blue Black colour, Garsdale is ideal for those looking to refresh a traditional home.

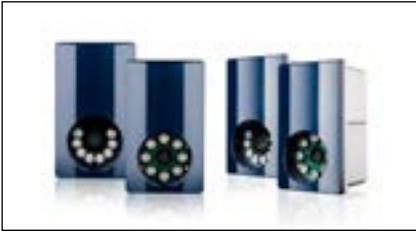
Eternit Thrutone Fibre Cement Slates

Finally, Thrutone slates feature a smooth surface and clean-cut edges for a sleek, aesthetically pleasing finish. With its low wastage and ease of installation, Thrutone slates are the ideal choice for new build and refurbishments. This range is available in six distinct colours and three shapes providing design flexibility.

Eternit fibre cement slates offer specifiers and designers the ideal solution for completing projects with ease.

For further details about Eternit visit: www.eternit.co.uk





New all-in-one licence plate reader is the simple and Accessible solution for automatic vehicle identification

People and vehicle access control specialist Nortech is now offering Nedap's ANPR Lumo, an advanced licence plate camera for vehicle access control. The ANPR Lumo is an all-in-one licence plate camera, including embedded software, analyser and IR illuminator. With a range of action of 2 to 10 metres, the advanced camera ensures a smooth recognition of vehicles. Typical applications include vehicle access control, automatic toll collection, free flow applications at parking facilities or other situations in which it not desirable to issue RFID tags. If vehicles need to be granted access temporarily or incidentally, the licence plate camera is the perfect solution.

Further information is available from Nortech on 01633 485533 or by emailing sales@nortechcontrol.com or by visiting the company's website at www.nortechcontrol.com



Home Security Systems from Securefast

It can be a full-time job ensuring the safety of your home, that's why the latest range of advanced home security products from Securefast are designed to offer surveillance for both the inside and outside of your home 24 hours a day 7 days a week. Utilising the free app software and the intelligent Wi-Fi configuration allows long distance signal transition, allowing the devices to be viewed from a mobile phone or tablet from anywhere in the world. A combination of the doorbell, internal and external cameras, can all be accessed by using the same app.

For more information on the Securefast home security range and other products in the Securefast range of safety, security and access control products please contact the sales team on 01704 502801.

www.securefast.co.uk



NEW AICO 3000 SERIES FIRE & CO ALARMS FOR FULL CIRCLE PROTECTION

Aico, the UK's market leader in domestic mains powered Fire and Carbon Monoxide (CO) detection, has launched the new 3000 Series. This technologically advanced series detects both Fire and CO and includes, for the very first time, a Multi-Sensor Heat & CO Alarm, providing whole property coverage from one Series.

"The 3000 Series represents one of the most significant advances of the Aico product range in recent years" states Aico Managing Director Neal Hooper. "It's the coming together of the very latest alarm technologies with Aico's reputation for unbeatable reliability and quality. We refer to the 3000 Series as having 'intelligent simplicity' - we've built intelligence in to every alarm whilst ensuring simplicity for every install."

For more information, please visit www.aico.co.uk/3000series.

Advanced's High Rise Reputation sees it Protect European Landmark

Set to stand at 62-storeys high, 22 Bishopsgate in the City of London will, on completion, become the second-tallest building in Western Europe.

The 278m office building will offer 1.275 million sq. ft of high specification office space, as well as eight community spaces, covering over 100,000 sq ft, including an innovation hub, curated gallery space, fresh food market, gym and wellbeing retreat.

Once completed, Advanced will protect both of Western Europe's tallest buildings, with 22 Bishopsgate being the latest in a long line of London's most prestigious and iconic skyscrapers specifying Advanced, including the Shard, the Leadenhall Building, the Heron Tower and the HSBC Tower.



Advanced is a world leader in the development and manufacture of intelligent fire systems. The performance, quality and ease of use of its products sees Advanced specified in locations all over the world, from single panel installations to large, multi-site networks in some of the world's most prestigious sites. Advanced's products include complete fire detection systems, extinguishing control panels, fire paging and false alarm management systems.

More details can be found on the website at www.advancedco.com



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Hospital Installs Yeoman Shield to Help Maintain Fire Doors

Stockport NHS Trust runs both community NHS services and Stepping Hill Hospital, which serves people across the areas of Stockport and the High Peak. With the responsibility of the safety and comfort of so many patients and staff, it is important that the trust maintain a high-quality standard within the built environment.

When fire doors in the ground floor corridor of the hospital were identified as having minor damage to edges and panels, the trust engaged with Yeoman Shield to provide a solution to stop the damage from becoming a major concern. Left unchecked this type of impairment can lead to the non-conformity and malfunction of a fire door.

Yeoman Shield supplied and installed fire rated FD30 Door Edge Protectors to the leading and hinged edges of double swing door sets along the corridor.



Door faces were fitted with Yeoman Shield 2mm thick FalmouthEx protection panels, to guard against impact damage mainly caused by the movement of wheeled and motorised trolleys.

Now that the hospital's fire doors have Yeoman Shield protection fitted, the life cycle of the doors will be extended, avoiding the costly task of replacing them.



Yeoman Shield door protection products have been fully fire tested to the current standards required.

For fire test and product information on the complete range of wall and door protection go to www.yeomanshield.com or call 0113 279 5854.

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Kebony extension transforms 20th Century Dorking home

*Lees Munday Architects discover
authentic Kebony cladding*

Located in Dorking, deep in the Surrey Hills, a once traditional 20th Century house has been skilfully transformed by Lees Munday Architects into a contemporary family home, with an extension to give the property a new lease of life. Juxtaposed against the original building the architects selected Kebony, a global leader in the production of sustainable modified wood, to achieve the owner's vision for a sustainable and family friendly home.

Improving the existing gloomy kitchen positioned on the east side of the house, with no garden access, was a key priority for the architects, who were able to rework the kitchen, dining and daytime seating area to provide an open plan functional living space which embraces the sunny



western aspect of the house and takes advantage of the large rear garden and spectacular view. The adjacent

lounge was significantly enlarged and continued the Kebony cladding along the rear elevation of the house.



For Lees Munday Architects, a relationship with the garden and the landscape was an essential focus throughout the design. As a result two sides of the new extension, and the lounge, were completely glazed to incorporate the garden as part of the interior living space, whilst bespoke sliding doors opening onto a paved patio for alfresco dining and children's play were also installed. A loft conversion has provided an extra en-suite bedroom, while the master

bedroom has gained a full height window and roof terrace, both taking full advantage of the spectacular far reaching views.

Natural materials and finishes, including stone and timber were selected inside and out for their authenticity and the way they wear in instead of wearing out. Improving the energy efficiency of the house was also paramount for the owner, this was achieved by draught-

proofing, enhanced insulation, and the installation of 21 flat black photovoltaic panels on the new kitchen roof. Successfully integrated with the design rather than an unattractive afterthought, the panels were combined with Kebony wood as a rainscreen system positioned over a mechanically fixed UPVC roof membrane to supply all the hot water for the property. The form of the main extension took its cue from the many agricultural barns in the local area.





Lees Munday Architects discovered Kebony and selected the material for the roof and exterior cladding, which proved easy to work with without splintering. Unlike other modified timbers Kebony has an outdoor lifetime guarantee for 30 years. Developed in Norway, Kebony's revolutionary technology is an environmentally friendly and patented process which modifies sustainably sourced softwoods by heating the wood with furfuryl alcohol - an agricultural by-product. By polymerising the wood's cell wall, the softwoods permanently take on the attributes of tropical hardwood including high durability, hardness and dimensional stability. This unique process also provides Kebony with its characteristic appearance, which only grows more beautiful with time.

David Lees, Lees Munday Architects commented: *"For this contemporary extension, we sought a single lightweight material that would be able to clad roofs as well as walls. After an extensive search for newly available 'modified woods', we were delighted to select Kebony with the knowledge that we*



could achieve our vision and leave the wood 'authentically' unfinished. We are extremely proud of this project and would thoroughly recommend Kebony as a cladding material, so much so that we have taken several clients to see this house and all have since chosen Kebony to clad their projects."

Adrian Pye, International Sales Director at Kebony added: *"We are thrilled that Lees Munday Architects*

have realised the potential of Kebony to successfully introduce a new character to this building. The natural appearance of the wood perfectly complements the original building's exterior; Kebony's resistance to wear and weathering will also ensure the new extensions stands the test of time."



www.kebony.com/en



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SWEDISH PATENTED SILICON TECHNOLOGY



Photography by Alex Campbell.

Bakers Timber Buildings

The modified wood panel, MEDITE TRICOYA EXTREME (MTX) has been used to create a range of luxury timber garden rooms by Bakers Timber Buildings.

The use of the material demonstrates its growing demand in the outdoor furniture/buildings and hard landscaping market.

Perfectly suited to the demands of the outdoor environment, MTX provides robust durability for the external cladding of Bakers Timber Buildings' premium garden rooms, while MEDITE MR provides suitable moisture resistance for the internal fit out.





Low carbon architecture for a Passivhaus design in Gorefield, Wisbech

A contemporary interpretation of the popular barn-style, this two-storey dwelling was created for the client who was passionate about low-carbon living. Designed by James Burton of Swann Edwards Ltd, a two-storey five-bed dwelling was created with:

- a car port and associated poly tunnel,
- a wood store/potting shed,
- a green house
- a chicken coup
- a pond/reed bed

For many, it may seem like a tall order to create a contemporary home that would give the property owner autonomy over food, energy and sewage – whilst also increasing biodiversity, enhancing the street scene and significantly reducing water consumption. Creating a low-carbon environment was the ultimate goal for Far View Barn.



The solution to this potentially ‘big ask’ project was to use Passivhaus design standards alongside traditional site analysis design strategies to ensure holistic approach that all possibilities for sustainability into account.

The layout of the dwelling and site was designed, positioned and orientated to maximise solar gain with ancillary accommodation located to the North. The proposal featured a large footprint in an attempt to reflect the agricultural nature and features of the area.

With an approximate total floor space of 430m², a ridge and eaves height of 9.5m and 5.3m respectively, the dwelling represents a contemporary interpretation of a barn development, with the materials being a mixture of brick and timber cladding (walls) and a combination of slate and zinc standing seam (roof) with photovoltaic (solar PV) to the south elevation and air source heating and hot water.

The site, located within open countryside, previously functioned as agricultural land and was approved under paragraph 79 of the National Planning Policy Framework as being truly innovative for the district.

Through detailed natural landscaping the scheme retains and enhances the site’s biodiversity, achieved by:

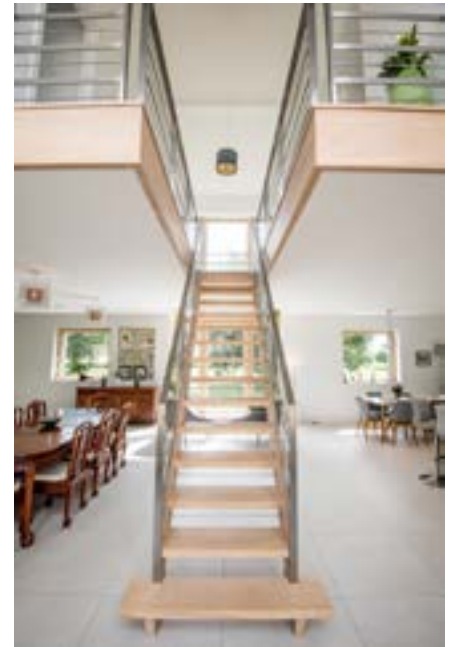
- retaining the existing native boundary hedgerows and many trees – providing habitat corridors
- planting of a coppice an orchard we well as numerous screen trees of varying varieties
- provision of owl and bat boxes around the site

Furthermore, the intended shelter planting and the introduction of a pond/reed bed increases and enhances the sites biodiversity.

Established in 2011 Swann Edwards is an architectural practice based in Guyhirn, Wisbech.

The practice works on a huge variety of different architectural projects including: residential; industrial and commercial; eco-friendly; community, and educational schemes.

A market leader in Cambridgeshire when it comes to environmentally friendly and low carbon architecture, the firm’s director, James Burton, became a certified Passivhaus



designer in 2014 and designed the first Passivhaus dwelling in the Fenlands. The Passivhaus concept delivers ultra-low energy buildings that focus on conserving resources and maximising occupancy comfort.



W: www.swannedwards.co.uk
Kiff Photography Ltd





APC Forks

Established in 2008, APC Forks has its Head Office in Stockport and works mainly from its central location in Wolverhampton. Filling a problematic void in the market, APC Forks was born out of a growing need for short and long term hiring of the JCB Teletruk. Since its inception, the company has grown its high quality fleet to encompass 140 machines, offering both two wheel and four wheel drive options to cater for the variable site requirements of its wide range of customers. This fleet is constantly growing and most units are less than three years old, ensuring customers are getting high quality equipment every time.

“Our hiring services are highly flexible, so our customers can get the machine without having to commit to a long-term contract,” explained Stuart Hunter, Director. Indeed, the JCB Teletruks are hired straight from APC Forks rather than via a finance house, where companies can be locked in a deal for extensive periods of time. With APC Forks’ flexible hire service, which ranges from just one week to seven years, customers can use the machine for as long or short amount of time as they need. Indeed, with high levels of uncertainty currently in the marketplace, such flexibility is essential; thanks to



APC Forks, a company can react quickly to new business opportunities and if a project does not go ahead, equipment can be returned without any penalties.

The JCB Teletruk is unique in that it combines the functions of a counterbalanced forklift with those of a re-handling shovel, making it the most flexible forklift on the market today. The entirety of APC Forks’ fleet has a quick-change front, which makes switching between various attachments quick and easy. These attachments can include forks, sideshifts, buckets, bale clamps, rotators, and many more. Furthermore, JCB Teletruk’s all-round visibility is superior to a conventional forklift, making it one of the safest machines available.

APC Forks’ fleet of machines feature generic specifications in order to cover a multitude of applications, including solid tyres and extra hydraulics which make them perfect for the vast variety of applications. Indeed, the JCB Teletruk boasts unique features and benefits over any conventional forklift, and APC Forks maintains a flexible approach to try and marry a hire agreement to suit a customer’s needs.

“The JCB Teletruk is great for a vast range of applications,” explained Stuart. “These include waste management, builders’ merchants, grounds maintenance, inner city projects, Crossrail, London underground, and many others.”

Looking to the future, APC Forks will be maintaining its high quality and versatile services, regularly enhancing its fleet. “We update our fleet on a regular basis to keep up with the latest product enhancements, ensuring we are offering up to date equipment for our customers. We want to keep growing, and to continue to support infrastructure and industry.”

www.hireajcbteletruk.co.uk
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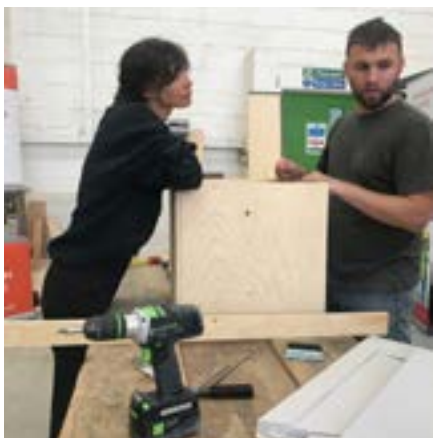
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Building for the future: creating furniture from V&A packing crates

As part of the V&A Museum's commitment to sustainability it has developed two exciting furniture upcycling initiatives using surplus stock of its exhibition pack crates. These initiatives demonstrate how waste materials can be given a meaningful life beyond a limited purpose.

In one initiative, nine designers were partnered with clients from the 999 Club, a homelessness charity in London, to co-create a piece of furniture that can be taken into temporary accommodation. The other gathered designers to create tables and chairs, also using the waste packing crates, for a Food Waste Feast that was held at the Day of Design event.

Throughout the project Festool power tools were used. James Wilson, Marketing Manager at Festool UK said "We are delighted that Festool products were part of this sustainability initiative, that has enabled expert designers/makers to share skills with people who have experienced homelessness enabling them to create unique pieces of furniture."

The project had a five-week turnaround time from design and creation to exhibiting at the Day of Design Festival that was part of the London Design Festival. The short time around time for the project meant that the power tools used needed to be sturdy, reliable and deliver accurate results, fast.

Furniture designer and maker, Tom



Olesen (@tomtedesign) joined the project to mentor one of the 999 Club's clients. "It is the small innovative features of Festool tools that make life easier. For example, on the router OF 1010 the spindle stop means that changing cutters is simple, so we can get the job done quickly" Tom explained.

Zoë Louizos, Sustainability Co-ordinator, V&A said: "We are thrilled to have been able to use Festool products. This project makes valuable use of our surplus materials and showcases creative solutions to waste and provides a platform to support a

diverse community of designers and makers, demonstrating design solutions to environmental and social issues we currently face."

Festool is a manufacturer of premium power tools for professional tradespeople. To discover more about Festool please visit www.festool.co.uk and for more on the project please visit

<https://www.vam.ac.uk/blog/design-and-society/upcycling-our-waste-crates-in-response-to-ldfs-day-of-design-challenge>



Turboqwik from the Screwshop – the multi purpose, high performance woodscrew

Screwshop – the home of the Turboqwik is a high performance screw designed to be used in hardwood, MDF decks, wood to plastic and wood to sheet metal. With 6 reaming nibs under its head, its perfect for countersinking with no burrs. Its high performing yellow coating (CR3 ROHS compliant) has been salt spray tested up to 200 hours. Each box comes with a PZ2 driver bit. The precision multi-purpose woodscrew has an extra sharp drilling point, so no need for any pre-drilling. With a coarse serrated thread, its unique sawfix design enabling for extra quick drilling, it really is a dream to use. Another advantage is its reinforced head which increases torque and reduces breakages. Sizes range from 3x16mm to 6x150mm. It really is such a simple screw that does a lot more. Buy on line at Screwshop.co.uk.

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As part of this procedure it is important to consider unauthorised removal of lock out devices.

The one man one lock procedure ensures that accidental reenergisation of equipment does not occur by the removal of these locks.

Each lock is attributed to individuals with their own key and a personalised tag which displays who has applied the lock and when.

The one man one lock procedure should be considered as part of any lock out procedure to greatly reduce the likelihood of accidents occurring.

www.reecesafety.co.uk



Makita Launches New Compact 12Vmax Inflator CXT

Featuring Makita's CXT technology, Makita's new MP100DZ 12Vmax Inflator is a compact and lightweight tool, ideal for many applications. The Inflator includes a range of accessories and boasts a number of features designed to improve ease of use.

The new MP100DZ has a maximum air pressure of 830kPa (121 PSI) and can discharge as much as 10 litres of air per minute, making it a powerful tool suitable for tasks such as inflating vehicle and bicycle tyres, as well as inflatable beds, loungers, sports balls and toys. The tool comes with a range of adaptors, to fit every need – which can be stored in the tool's in-built storage section.

The MP100DZ includes a digital pressure gauge, which can be set to bar or PSI, and an auto-stop

function, which will stop the tool from inflating an item past the pre-set target pressure. The inflator also includes a thermal cut-off, to protect it from overheating.

Matt Chilton, Product Manager - Tools at Makita said: "Makita's new 12Vmax CXT Inflator is a powerful, yet compact and lightweight tool for use across a number of applications. The inflator has been designed with ease of use in mind – amongst other features, the Inflator has high stability at ground level and includes an LED job light for improved visibility, ideal should you ever need to inflate a tyre in the dark."

The MP100DZ is a body only machine; batteries and chargers supplied separately. To find out more about Makita's latest products visit www.makita.co.uk

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Homes UK

HOMES UK is an unrivalled event that will look at the entire ecosystem of home building and maintenance for every type of accommodation in the UK from affordable to market sale and the rapidly growing build to rent, student, co-living and retirement sectors.

Following stellar growth over the previous two editions, the event will be moving in to the ExCeL, London from the 27-28 November this year, providing the UK's residential property sector with the opportunity to connect, learn and do business over an action-packed two days.

A unique event for a diverse sector

It is the only event of its kind to unite so many residential players, driving collaboration and discussion, and providing a showcase for the latest solutions necessary to deliver a diverse and high-quality supply of new homes to address the UK crisis.

HOMES UK also consistently attracts the largest concentrated audience of senior decision-makers (70% of attendees have budgetary responsibility), making it a fantastic platform for doing business.

All of the action in one place

The show floor is set to host over 200 exhibitors, showcasing innovative products and services designed for HOMES UK's key market. Meanwhile, the extensive conference programme will run over 7 varied theatres covering everything from sustainability, design quality and regeneration, to planning reform, Brexit and the sector's future workforce.

Bringing together a programme that covers every type of residential accommodation is no mean feat, but we've curated the best of your sector's expertise and achievements through over 70 hours of high-calibre content.

Although now in its 8th year, the ethos of HOMES UK hasn't changed



– keeping the design, build and management of great quality homes in thriving communities at its heart. The programme will provide insight on complex challenges while also offering practical advice and success stories led by peers.

Choose from topics spanning the entire lifecycle of residential development and asset management. This year, you'll find industry heavyweights and rising stars alongside even the odd celebrity, making HOMES UK an event not to be missed.

Conference highlights include:

- How should we reform the planning system?
- Brexit or bust? What's next for the residential market?
- Design quality: Building better, not just building more
- Hackitt 18 months on: What still needs to change?
- Regeneration: How do we drive quality community engagement?
- Homes for an ageing population: At crisis point?
- Sustainability and the carbon zero challenge
- Health and wellbeing in our homes and towns

What's new for 2019?

- A focus on rapidly growing markets like Build to Rent, student accommodation, intergenerational and co-living – keep up with trends or research expansion opportunities!
- Reimagine what housing looks like at the Home of 2030 charette led by the Ministry of Building Innovation & Education (MOBIE). Generate ideas by collaborating with students and sector leaders!
- New TECH theatre dedicated to digital innovation and customer experience – a one-stop shop to help progress your digital journey!

Register for your free* visitor pass at homesevent.co.uk/register today and you'll be able to start planning your content schedule. Tell us what you're most looking forward to by joining the conversation on Twitter @HomesEvent. We look forward to welcoming you to the ExCeL later this year to explore the #futureofliving.

**Free to attend for public sector and not-for-profit employees. Private sector and for-profit visitors will be subject to a £165+ vat per day ticket fee.*



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Spire View – BDN Ltd

Perched high on a Sunderland hilltop, that dates back to the Bronze Age, sits Spire View, an exclusive residential development boasting breathtaking panoramic views of the entire city.

Designed and built by award-winning chartered architects and engineers BDN Ltd, Spire View is nestled into the face of Humbledon Hill, an Ancient Monument site, and comprises eight ultra-sustainable homes offering a truly unique space for residents to relax, unwind and enjoy.

Built on a space once dubbed ‘too challenging to build on’, the development is catering for an ever-increasing demand for executive homes in the city, with its eight unique plots designed to give homeowners a sense of privacy whilst maintaining a welcoming sense of community.

With prices starting from £675,000, each of the eco-friendly properties have taken inspiration from the site’s surroundings and come complete with a private terrace; green wildflower



rooftop; and treelined gardens, blending beautifully into the city’s skyline and reducing the negative visual impact on neighbours - whilst enhancing the long-term biodiversity and sustainability of the scheme.

Inside the sleek properties, industrial metal features fuse seamlessly with natural stone walls and stunning wood detailing, to create a modern aesthetic

that is sympathetic to the area surrounding it.

On the lower ground floor, five light and bright bedrooms – the master featuring a stunning en-suite – are accessed from a bespoke staircase. And a family bathroom, with feature skylight, means a shower under starlight or sunshine is perfectly possible in this modern masterpiece.

Environmental and historical sensitivities were also at the heart of the design process, with most of the homes built into the lower stretches of the hill, tucked behind an existing line of trees. This has ensured the scheduled monument at the top of the hill is preserved as an open space, with meadow species planted to preserve any archaeology for future reference.

In-line with BDN's commitment to instil sustainability into every project it works on, the team also reused stone that was removed during the initial hillside cutting stage of the development to create the site's roads and driveways.



For more information on Spire View, visit: <http://marikal.co.uk/spireview>





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