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Bio-Sourced Brittany House by BIDEAU

The main objective of this project, designed by Patrice BIDEAU architecte, was to build a house adapted to the marine climate of Brittany in France which complied with the French RT 2012 energy regulations. Bio-sourced materials including elements such as a conservatory, a wood-burning stove and a two-way airflow central ventilation system were all used.

It was through searching the web for information on passive buildings with arched roofs that the project manager chose an architect who also aims to create healthy living conditions in a natural environment.

The house in Riec Sur Belon, a town known for its fine oysters, is composed of three distinct sections.

The car-port is a wood-frame structure covered with slatted cladding to the north, anthracite zinc to the west and a low-pitched zinc roof with standing seams.

The second section is an entrance hall with a double-pitched roof leading into the main living space. The ground floor of the largest section includes a stair well, a storeroom, a bedroom with bathroom and a kitchen which has access to the conservatory. Upstairs, under an arched roof are a study with views over the conservatory and the street and a small flat.

The structure is a combined wood/concrete frame : the wood frame is insulated with 60cm wood tissue fibre and clad in Douglas fir. The floor is made of 8/20 joists with fermacell insulation and parquet.

Concrete was chosen for the foundation slab and the crawl space walls, these are insulated in order to prevent heat transfer from the heated living space above. The north-facing walls of wood uprights and 140mm rockwool have external insulation. Plastered on the inside, they ensure thermal mass for year-round comfort within the house. The wood frame has 145mm cellulose wadding insulation and the roof structure is insulated with 300mm rockwool, each of which are made airtight with a vapour shield.



The floors of the ground floor are insulated by 2x50mm cork laid under the screed which is in turn laid with parquet, ceramic tiles or cork, depending on the room.

In addition to the wood-burning stove, there are two gas radiators and two electric heated towel-rails. Ventilation is ensured by the two-way airflow central system. Hot water is provided by a thermodynamic water heater. Rainwater is collected in a tank for toilet-flushing and watering the garden.

Thanks to the bioclimatic design, the house receives sunlight all day long, and full advantage is made of solar input during winter. Slatted wooden sliding and latched shutters provide natural shade and ventilation. The conservatory is designed to regulate solar input with the help of plants and the opening and closing of doors...

With its organic architecture, high energy efficiency and use of ecological materials this house demonstrates one of the rules of David Pearson's Gaia Charter, Let architecture be inspired by nature and be sustainable, healthy, conserving and diverse.

Scientists and engineers to develop flying robots to 3D print buildings in remote locations.

The research team aims to develop drones that can fly into disaster zones and, using additive building manufacturing (ABM) systems, make shelters and buildings for disaster relief.

The four-year collaborative research project, called 'Aerial Additive Building Manufacturing: Distributed Unmanned Aerial Systems for in-situ manufacturing of the built environment', involves researchers from the University of Bath, Imperial College and University College London.

Although ABM is already transforming the construction industry by allowing the 3D printing of buildings and building components, ABM systems are generally too large and inflexible for maintenance

and repair work, especially in remote areas.

The drones in this project will use a new ABM system to remotely manufacture building structures such as shelters and bridges for those in need.

The research team aims to develop the world's first ABM system consisting of a swarm of aerial robots that can autonomously assess and manufacture building structures. They plan to miniaturise ABM and give it aerial capabilities so that it can be more mobile and able to manufacture complex high-rise structures.

This would enable the robots to act as flying mini-factories, where a swarm of them would land at a construction site

and work together to create buildings from scratch.

They would scan and model the landscape using building information management (BIM) systems.

The project is being led by Dr Mirko Kovac of Imperial College London's department of aeronautics. His team has received more than £3.4m in funding from the Engineering & Physical Sciences Research Council and industrial partners

Dr Richard Ball, senior lecturer in Bath University's department of architecture & civil engineering, said it was an "ambitious and exciting project which will push the forefront of construction technologies into the future".

Techvision's Latest Waterproof Televisions

Achieving a decade in business, Techvision celebrates this milestone by launching a complete new range of waterproof bathroom TV's at KBB Birmingham 2016.

A brand new 17inch entry level model will complement the new 22, 27 and 32 inch framed mirror TV's; which are all Freeview high definition units and are 'smart-enabled' to integrate with the latest home automation technologies.

As a British quality manufacturer, demand has grown for custom options; the Vanity TV range is therefore available in mirror finish or smoked black glass finish.

Visitors will also be able to hear and see the new smartwall. Working in partnership with Multipanel and Eden Bathroom Distribution, Techvision have transformed a beautiful shower panel into a Bluetooth enabled sound system for the bathroom. Using hidden and completely waterproof technology, Techvision have turned the shower panel into a quality speaker music system, monitored from a smartphone.



Masterclass Kitchens



Supplier and manufacturer kitchen specialists, Masterclass Kitchens, will be exhibiting on stand K133 at this year's kbb Birmingham. Using the show as a launch-pad for a number of new collections, visitors will be among the first to see what the manufacturer has in store for retailers stocking the brand in 2016.

There will be additions to the company's existing portfolio of modern, classic and contemporary kitchens which span more than 300 door designs to offer complete flexibility. From traditional painted Shaker-style doors, through to the hugely successful Masterclass H-Line range of ultra-contemporary handleless doors, there is an option to suit any situation.

The choice of finishes is just as diverse, ranging from high gloss through to the tactile open-grained door which brings the look and feel of real wood to the modern kitchen.

www.masterclasskitchens.co.uk

A staircase lined by reglit glass links this unique home's three levels

The MaHouse in Strasbourg, France, by New York-studio MARC FORNES/ THEVERYMANY comprises three stacked, slightly rotated irregular volumes. It features a translucent glass wall and an indoor slide so the home's children can rapidly descend between floors.

The 340 sq m narrow residence was developed in response to the narrow site and local building codes.

One side of the house faces onto a small alleyway, so MARC FORNES/THEVERYMANY used translucent glass windows to create large openings that also provide privacy for residents.

The staircase that connects the ground and first floors is partially visible through the glass panels that extend up the full angle of the flight of steps.

The architects commented: "The extra length of a step, the degree of each tilt, the obliques in plan and elevation and their corner indentations act as small anomalies to introduce the experiential to one's daily environment. A set of stairs engaged as a slide is an example of the informal following function. Of three stacked floors



-- parents' penthouse on top, children's play room in the middle, ground floor for all -- the middle is the most jumbled.

"A staircase lined by reglit glass profiles slips through the house's three levels, providing a continuous spatial experience and copious light without direct views inside. The lines of the house are derivatives of code lines and constraints -- from maxing out the allowable zoning envelope, to the clearance height of each owner's car in the underground garage."

The all-white house is topped off with green roofs on each level, which are visible from inside the house. A garage is situated below the building and the criss cross of transparent glass lights up the house like a lantern at night.

New development complements existing industrial buildings



Jestico + Whiles, as part of a team led by Carillion, has received unanimous planning consent from Leeds City Council for the Tower Works re-development in Leeds in the UK. The practice won the developer-led Tower Works competition with Carillion in March last year. The former industrial site is located in the Holbeck Urban Village, a Conservation Area featuring several listed buildings, and bordering the Leeds-Liverpool canal.

Jestico + Whiles' design complements the existing buildings from the industrial revolution, especially the three Italianate towers from which the site takes its name. Working closely with Leeds City Council, great care has been taken to develop a masterplan which ensures that the new buildings are deferential to the listed historic structures. A series of new courtyards and 'found spaces' - characteristic of the Holbeck area - are created around them, enhancing pedestrian permeability. The materials proposed have a historic resonance with the adopted robust industrial

aesthetic: red brick, slate and glass. Tower Works is a key development within the redevelopment of Leeds' South Bank.

Directly facing onto a new piazza at the heart of the site is the Grade II listed Engine House, which is to be restored and will be a celebration of the industrial site's heritage. New pedestrian routes will be illustrated with references to the site's history and will connect Globe Road to the canal. In keeping with the traditional materials of the local area, cobblestones are proposed as the main surface for the public realm.

The masterplan for the wider Tower Works site will transform it into a mixed-use, sustainable community with a distinctive sense of place. It will include 90,000 sq ft of commercial office space, 16,000 sq ft of A1 and A3 retail restaurant and bar spaces and 145,000 sq ft of residential (a mix of 1-, 2- and 3-bed apartments and 4-bed town houses).

The design team includes landscape architects Oobe and engineers WSP. Construction is expected to complete in 2020.

Bathroom collaborations



Villeroy & Boch have announced new additions to their Legato Range, with luxury bathroom retailer UKBathrooms, describing the collection as 'perfect for those who want to add luxury and functionality to their bathroom, the Legato Range combines modern styling with innovative design to create a relaxing space for the whole family to enjoy'.

The Villeroy & Boch has extended their Legato bathroom range to include new washbasins, acrylic baths, WCs and bidets. The elegant and modern design includes refined details such as integrated LED lighting and bevelled edges to give the illusion that the counter tops are floating and hands-free cabinet doors with soft close fixtures.

The brand new acrylic bath takes design queues from the washbasin and features a 15mm rim and central outlet. Wall-mounted and floor-standing WCs and bidets are also available to finish off this elegant collection, which includes bathroom cabinets available in eight great colour combinations.

www.ukbathrooms.com

Studio Octopi adds plywood-lined loft extension to RCA professor's house



London office Studio Octopi has returned to a house it renovated over five years ago to add a loft extension, creating a study and a reading room connected by a perforated steel staircase.

This latest intervention was to make more space by extending the unused area beneath the pitched roof.

Spiral Staircase Service

As spiral staircases go through a renaissance and architects and developers alike identify the benefits in new builds, Kallisto, the pre-cast concrete spiral and helical staircase division of Milbank Concrete Products, offers customers an exclusive full service, tailored to suit the individual needs of domestic and commercial developments. Manufactured in a world class European concept stair mould, by a highly skilled manufacturing team, each concrete staircase from Kallisto is bespoke, with the rise and going tailored to suit each unique project. Fabricated off-site and delivered in one piece directly to the property, delivery is scheduled, enabling the build to move forward, smoothly and cost effectively, with minimum disruption on site. This also means that instant access to upper floors of the property is created for follow on trades, so that the project schedule can continue without delay. Bringing an element of sophistication and elegance to a property, concrete stairs by Kallisto offer a versatile alternative to other traditional materials such as timber and stone. Resilient, solid and durable, concrete stairs by Kallisto can be attractively finished in a material best suited to the individual style and character of a property.

www.milbank.co.uk



The Industrial Design of Michael Graves

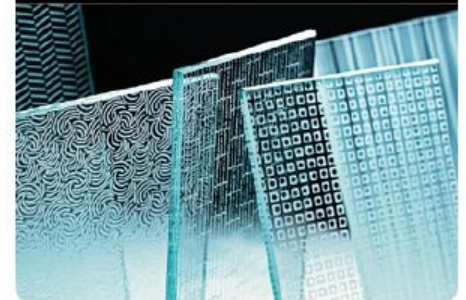


Architect Michael Graves, who died Thursday at the age of 80, is perhaps best known for Postmodern projects such as the Portland Building (1982) and the Denver Public Library (1990). But his design legacy goes beyond structures. Graves also led a robust product-design practice whose work for mainstream consumer retailer Target, in addition to a suite of high-end home-goods brands including Alessi, brought high design to the masses.

In 2011, he spoke with the The New York Times about his Target partnership. "I always wanted to do what Josef Hoffmann, Wiener Werkstätte and the Bauhaus wanted to do, which they never got to do because they designed in a craft mode," he said. "We have behind us all this mass production, so why not take advantage and bring the price down for everybody? ... I figured, if it's going to get designed, let's do it well." His collaboration with Target ended in 2012 after 13 years.

His scope of work also included healthcare. In 2003, an infection left Graves paralyzed from the waist down and wheelchair-bound. He told The Times in the same interview that the experience inspired

him to rethink the design of patient-care spaces and the products used to outfit them, resulting in the development of new patient furniture for Stryker Medical, among other work.



Don't miss: BITA's Spring Interiors & Textiles Showcase, Chelsea Harbour

Celebrating 100 Days of Showcasing
13-14 March, The Chelsea Harbour Hotel, SW10 0XG

Spring is fast approaching and bringing the latest 2016 collections with it. Here at the British Interior & Textiles Association we know that new inspiration is as precious as your time, so we are delighted to invite you to our annual Spring Showcase - opening at the same time as London Design Week, on Sunday 13 March. Peruse the latest collections from the world's top Interior & Textile brands, right next to the Chelsea Design Centre.

As we are celebrating our third year at the gorgeous Chelsea Harbour Hotel, not to mention 100 days of showcasing, we thought we would make this year extra special...so we are also delighted to be hosting BITA Studio - the UK's first Studio show in 10 years. With top Textile & Interior Surface Pattern Design Studios including Diane Harrison, Pure Studio Designs, The Design Show & Yellow Label Designs all under the same roof as so many amazing brands, your creativity really will be spoilt for choice!

Show Times:

Sunday 13 March 10am-5pm
Monday 14 March 9.30am - 4pm

You've probably heard how friendly and intimate BITA shows are, but just in case you need a reminder, our Trade Shows offer you: free entry, complimentary tea & coffee all day, canapés at 1pm and afternoon tea at 2.30pm, plus if you pre-register at www.interiortextiles.co.uk and arrive before 3pm you will be entered into our Grand Prize Draw! Enjoy the relaxed atmosphere of a welcoming show whilst browsing the latest collections from many fabulous brands including:

Ashley Wilde Designs, Backhausen, Bennett Silks, Casadeco, Chatham Glyn, Chess, Clarke & Clarke, Cliq Designs, Curtain Express, Design Crew, Edmund Bell, Emily McGuinness, Ena Shaw, Essente, Fibre Naturelle, Foster Lane, Girones, Grace De Lino, iLiv, Indigo 7 Designs, In Home, JHC, KAI, Montgomery, Nikki Szabo, Parkhill, Parris Wakefield Additions, Prestigious, Richard Barrie, Rol-lite, Rufflette, Silent Gliss, Simpson, Sinclair, Streets, The Paper Partnership, Tru Living, Warwick, Yorke.

Girones



Montgomery by Ena Shaw

With lots of new faces joining the ever popular Spring Showcase, as well as plenty of your favourite regulars, we asked the exhibitors what they are looking forward to at BITA's upcoming show:

"iLiv are excited to introduce two brand new collections: Dimensions and Country Manor. Dimensions is a sleek mix of contemporary weaves, decorative velvets and surface print wallpapers, available in four stunning colour palettes. Country Manor is a time worn antique feel collection, comprised of a mixture of faded prints, cotton jacquards and linen chord embroidery, available in Ruby, Grape, Flint & Dusk colour stories."

- Abigail Harwood, iLiv

"After taking a year off from exhibiting, Parris Wakefield Additions return to BITA's London Showcase where they are delighted to be showing their design Fierce Beauty for the first time."

"Printed on soft tactile velvet to enhance the playful nature of this design, it invites you to touch, stroke and cosy up to such Fierce Beauty."

- Sarah Parris, Parris Wakefield Additions

With two fantastic shows under one roof we recommend that you pre-register to avoid the rush - full details and pre-registrations at www.interiortextiles.co.uk - we look forward to seeing you there!



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Mitsubishi Electric



Innovative new heat pump matches new-build hot water requirements

Mitsubishi Electric has launched a new 4kW Ecodan air source heat pump designed specifically to tackle the needs of new-build homes, with a system that matches the hot water requirements, whilst still meeting the lower heating demand of today's well insulated properties.

New homes built today differ from previous ones because the requirement for hot water is likely to exceed the demand for heating for the first time. A reduction in fabric U-values and thermal bridging has reduced the energy requirements for heating and also allows for smaller plant. "What is needed is a new way of delivering energy efficient heating and hot water", explains Jordan Jeewood, Ecodan technical expert for the company. "We have engineered the Ecodan QHZ monobloc system to meet this need by providing exceptionally high efficiency in the production of hot water, along with renewable space heating for the home".

The Ecodan QHZ unit is MCS-Approved and straightforward to install, delivering water at 70°C to a packaged 200 litre thermal store. From this thermal store, mains water is heated directly up to 65°C via Mitsubishi Electric's unique plate heat exchanger, meaning the homeowner receives hot water on demand. "This model uses CO2 as a refrigerant to ensure a large delta T between the flow and return temperatures to and from the outdoor unit", adds Jeewood. "This delivers the high levels of efficiency that enable the system to meet the high hot water, low heating requirements of today's new-build properties".

The fundamental design, application and control of the Ecodan QHZ is exactly the same as the rest of the range with advanced control logic within the thermal store allowing the system to deliver the high efficiency levels that the market has come to expect from the Ecodan brand.

Innovative new heat pump matches new-build hot water requirements

As a nation, we have not been building enough new homes to meet demand and the UK Government is now pushing for the construction of more new homes. At the same time, legislation is forcing housing developers to use products and practices that reduce the energy required for space heating and hot water is becoming the dominant load in new dwellings. This means that high-efficiency water heaters are required for new-build dwellings to help tackle CO2 emissions and reduce run costs, with air source heat pumps already recognised by the Government as an important part of that solution.

Mitsubishi Electric has therefore developed this pioneering new Ecodan model to deliver a viable way of meeting the new hot water and heating demands of these new homes. The Ecodan QHZ has just been launched

to the company's heating partners and will be available from the end of January 2016. New homes are needed in both on and off-gas grid areas but the additional cost of delivering mains infrastructure to new developments can also make the Ecodan QHZ an attractive proposition for housebuilders within the grid.

Other alternatives to gas such as ground source heat pumps, biomass boilers, LPG, oil, direct electric and coal may incur additional higher install costs, greater maintenance regimes, or may simply not meet targets for energy efficiency and carbon reduction.

The UK Government is already committed to reducing CO2 emissions by 80 per cent of 1990 levels, by 2050 and achieving a 34 per cent reduction in greenhouse gas emissions by 2020.

Buildings account for 44 per cent of all UK CO2 emissions (more than industry or transport) and space heating and hot water account for almost 75 per cent of total energy consumed in homes. "The construction of hundreds of thousands of new-build houses is therefore a golden opportunity to change our approach to how we heat, and provide hot water in a home", explains Jeewood.

In addition to high efficiency levels, with a Seasonal Co-efficient of Performance (SCOP) of 3 for hot water and 2.9 for heating, the Ecodan QHZ poses no risk of legionella because it does not store hot water. At the same time, it is still able to provide a variable hot water capacity, with water heated directly as required.

Innovative new heat pump matches new-build hot water requirements

The system also includes automatic in-built in energy monitoring, using the company's MELCloud, internet-based system, which allows for full control and monitoring from anywhere in the world.

"As more homes are built and more heat pumps are installed, the operating noise will become an increasingly important factor, so we have deliberately designed the Ecodan QHZ to address this", adds Jeewood. The QHZ model also offers exceptional noise levels with a whisper-quiet 41.2 dB(A) at 1.5 metres from neighbouring properties, making it ideal for almost any new-build scenario.

The Ecodan range has led the way in the UK air source heat pump market with the first MCS (Micro Certification Scheme) certification for an inverter-driven unit, the first to receive the Noise Abatement Society's 'Quiet Mark', the first to offer intelligent room sensing as standard and the first to include remote energy monitoring straight from the factory.

This new addition to the range means that there is an Ecodan model suitable for both new-build and retro-fit homes in almost any situation", explains Jeewood. "We have introduced this new way of delivering hot water to the new-build sector because we see a real potential for modern homes to receive reliable hot water and heating in a low carbon, energy efficient way that will help the country reduce overall emissions".

Thermal Store schematic





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Optimistic signals abound in 2016, according to Reynaers at Home architect survey

There is a feeling of positivity amongst architects regarding the current business climate, according to Reynaers at Home's national survey of industry trends.

When asked *"based on your level of business right now, do you feel that your business is doing better than this time last year?"* 73% of architect respondents answered yes and only 8% said no. A further 20% said they were unsure. This compares to 67% of respondents who felt positive about the business climate in the previous Reynaers at Home survey in 2013.

Marketing Manager Rebecca Cope said: *"Our experience reflects this trend, with a very positive 50% increase in sales for Reynaers at Home in the past year."*

"We've found that consumers are still prepared to spend money on aluminium doors and windows, but are being more selective. When spending their hard-earned money, they are happy to pay more for a product that is well designed, carefully manufactured and installed by a company that understands the value of customer service."

Despite a general feeling of optimism, there are still a number of industry annoyances that remain. Around a third said compromising a design for planning was a source of frustration, followed by a quarter of architects saying

they didn't have enough time to think. This has risen since 2013, when 20% of respondents said the same – implying that in the past three years, time has become more stretched.

Having to scale a design concept to budget was pinpointed by 20%. One in 10 of respondents said that locating the materials that they wanted to use within budget was particularly irritating and 6% pointed a finger at tricky clients. Difficult builders and contractors were named by 5%, while delivering projects within agreed low fees due to the current market was also singled out – as well as a lack of trust and respect from clients in the design team.

Rebecca Cope said: *"The latest survey has highlighted interesting trends in the market. At Reynaers we make sure that we work closely with our partners, so that their needs are met and we're working towards the same goals."*

Reynaers at Home is a premium brand dedicated to offering the very best architectural glazing products and service to the discerning householder. For more information, see the website www.reynaersathome.co.uk, email homeuk@reynaers.com or call 0121 421 9707.

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e are continually developing our products, service and day to day duties to ensure the company is run efficiently, delivering market leading standards and providing our clients with innovative products, such as our new bi-folding doors and windows.

Bi-folding doors and windows are a great addition to either an Orangery or a Garden Room and complement the Oak

frame beautifully. They help create a smooth transition from your home into your garden and act as a great connection to an outdoor patio area – perfect for those summer parties. Prime Oak's bi-fold doors can glide open in 5 seconds flat and their fabulous security bolts offer reassurance to the owner that their property is secure. Life before bi-fold doors is unimaginable after they are in place.





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Explore Offsite

The Housing Sector
23 & 24 March 2016 – NEC, Birmingham



The nation's media have been reporting on a UK housing crisis for many months. George Osborne's Autumn Statement promised to deliver 400,000 homes by 2020 and the industry needs to gear up in order to meet this deadline.

It is unquestionable that further complacency in this area will result in spiralling house prices and rent rates, with the possibility of homelessness for the worst affected.

For many, this crisis has already reached a state of urgency. A recent interim report from the London Housing Commission stresses the lack of action taken so far, with statistics highlighting how the trouble with housing has escalated. Buying a house in London is now out of reach for most, with the average house prices set at 10 times the average wage and the deposits set at around £70,000. For renters, the changes have risen by 16%, while weekly pay has only increased by 2%.

The commission's report notes that London needs 500,000 new homes to be built over the next decade - the statistics show that only 194,000 were built in the last one, posing the question how is the industry going to meet this challenge?

For those in the construction industry with fresh ideas and technologies, this

nationwide crisis has potential – the potential to change the norm which governs the way new homes are planned and constructed.

Offsite construction brings with it the hope that the industry can beat Osborne's deadline. Moving construction of housing offsite enables the build to take place both efficiently and economically, making the national shortage of labour less of a concern. There is significant evidence that suggests that the use of offsite construction has been successful in meeting the needs of significant housing developments at scale.

In traditionally built homes, high energy bills make paying the above prices harder, but offsite construction facilitates the building of homes that are environmentally sustainable and airtight – a great benefit to housing associations.

The recent news that the government are to release plots of land with planning consent to small developers should increase the quantity of planned new homes. Utilising offsite construction would speed up the build processes for these projects, as building offsite is not dependent upon environmental conditions.

As this method has already demonstrated significant innovation in recent years, it



definitely has the potential to play a major role within the future of the industry.

Explore Offsite's housing event is your opportunity to immerse yourself in the industry's latest developments and technologies. Taking place on 23 & 24 March 2016 (08.45am - 16.00pm) at the Gallery Suite, NEC, Birmingham - the event will provide a platform for construction clients, architects, engineers and contractors to come together and discuss the latest offsite solutions for the housing sector.

Hear from a range of leading industry experts including:

- Andrew Orgorzalek - Partner, PCKO Architects
- Jeff Endean - Housing Matters, London Borough of Lewisham
- Tom Bloxham, MBE - Director, Urban Splash
- Jay Shaw - Head of Business Development, Snoozebox
- Shelagh Grant - Chief Executive, Housing Forum

A number of exhibitors will be present over the two days to showcase and discuss their advances within offsite construction. If you are interested in promoting your company to a captive audience, please contact Julie Richards at julie.richards@radar-communications.co.uk for exhibitor opportunities.

The booking for this event will be open shortly. In the meantime, please visit our website at www.exploreoffsite.co.uk to register your interest.

EXPLORE OFFSITE

EXPLORE OFFSITE IN THE HOUSING SECTOR

NEC, Birmingham
23 - 24 March 2016

Explore Offsite in the housing sector will bring together technology leaders to discuss the opportunity the housing shortage presents for offsite construction to play a major role in the coming years.

The combined conference and exhibition will include exhibitors and speakers from pioneering companies in the offsite construction industry talking about the latest innovations.

SPEAKERS INCLUDE

Andrew Orgorzalek - Partner, PCKO Architects
Jeff Endean - Housing Matters, London Borough of Lewisham
Tom Bloxham MBE - Director, Urban Splash
Jay Shaw - Head of Business Development, Snoozebox
Stuart Carr - Director, Chapman Taylor
Shelagh Grant - Chief Executive, Housing Forum
James Pickard - Director, Cartwright Pickard
Rory Bergin - Partner - Sustainable Futures, HTA Design

...& more!



WHO SHOULD ATTEND?

The event is aimed at attracting construction clients; construction professionals: architects, surveyors, engineers; facilities managers; building product manufacturers and suppliers.

BOOK

Ticket prices for the event are listed below:

PRIVATE SECTOR DELEGATES

One day ticket - £125 + VAT
Two day ticket - £225 + VAT

PUBLIC SECTOR DELEGATES

One day ticket - £95 ++ VAT
Two day ticket - £165 + VAT

OTHER EVENTS IN 2016

EXPLORE OFFSITE 24 - 25 NOVEMBER, BIRMINGHAM

With an industry boasting a worth of up to £3 billion per year and accounting for over 5% of today's new build construction market it is not hard to see why now is the time to become involved with offsite construction.

To book your place go to
www.exploreoffsite.co.uk/book

CRL becomes an associate member of the Council of Mortgage Lenders.

STRUCTURAL defects insurance provider CRL has become an associate member of the Council of Mortgage Lenders (CML).

CRL, which has eight offices throughout the UK and Ireland, elected to join the CML as part of its ongoing commitment to supporting good practice within the UK's property sector.

In doing so CRL has become one of 90 associate members who collaborate, collect and share best practice on behalf of members with the organisations, government departments, and commentators who have an interest in the UK's £1.3 trillion mortgage market.

Steve Mansour, CEO, CRL Management Limited, said: "CRL elected to join the CML as an associate member as part of its commitment to supporting the property sector generally.

"We intend to be extremely active associate members as we recognise the good work that the CML do in bringing the industry together, specifically in their role acting as the voice of the mortgage industry in the UK.

"CRL is committed to working with mortgage lenders to ensure that the best possible structural insurance options are available to all residential mortgage customers in the UK - regardless of the lender they choose.

"Through the CML, and its lender members, CRL hopes to continue to promote the interests of its customers and we look forward to offering our complementary services to members and associate members alike."



Steve Mansour,
Group CEO at CRL

The CML is the main trade body representing UK mortgage lenders. Its members are banks, building societies, and other lenders who together account for around 95% of the nation's residential lending.

Its role is to bring lenders together on matters of common interest, and to speak for the collective mortgage industry.

For more information about CRL please:

- Visit: www.c-r-l.com
- Email: customer.service@c-r-l.com
- Call: 0800 772 3200 / +44(0) 20 7127 5198



SINCLAIR MATTHEWS



Sinclair Matthews design and hand make our sofas and chairs in our workshops in Sussex. Shown above are our High Back Kensington Chairs, Trafalgar Barstools, Venezia 3 Sofa and a Woodstock corner group. All specified by our Interior Designer Jane Clare Interiors' We have provided our bespoke sofas to Buckingham Palace, Windsor Castle, The FCO, Gleneagles, Chewton Glen and the St James Club together with other prestigious hotel groups and Interior Designers throughout the UK, the USA Europe and Russia. We have an extensive showroom in Thames Ditton, Surrey.

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ast summer cricket fans seeking a place to celebrate England's Ashes win over Australia were greeted by a riot of colour after Rushcliffe Council worked closely

with Plandscape Ltd and installed more flowers than ever before along their city streets. More than 100 individual planters, including barrier baskets, hanging baskets and three-tiered floor-standing planters were installed in a number of roads close to Trent Bridge Cricket Ground, which hosted a Test match last summer.

They were planted in a light pastel scheme, featuring plants such as surfinia and geraniums, and there were 128 planters in all, adding colour outside the businesses and homes in Central Avenue and Gordon Road, in Nottingham's affluent West Bridgford suburb.

Robert Alderton, Streetwise's general manager, said: "We were very happy with the planters and the service that we have received from Plandscape. There were many more planters in place than in years gone by, including some outside businesses that had never had them before. There were are a couple outside Trent Bridge cricket ground and we had them installed for about half a mile along Central Avenue, where cricket crowds go to visit the cafes and restaurants. We had a lot of comments, the flowers really added to the ambience of the area and made it more colourful."

.20.



Ashes Fans Bowled Over By Nottingham's Pastel Petal Power

Mark Stone managing director of Plandscape Ltd, said: "The streets around Trent Bridge are very popular with visitors and naturally, local residents and businesses wanted to show it off to its best. There is no better way to do that than invest in floral displays, which, surveys show time and again, help to improve a sense of well-being for residents and foster a sense of pride in the local community."

Last year Plandscape hired out around 12,000 individual planters to councils and organisations up and down the country, including Liverpool City Council, which ordered a series of multi-tier planters to welcome Cunard's three "Queen" cruise liners for a one-off reunion in the River Mersey last May. Call Plandscape on 01335 372785, email: info@plantscapeuk.com or visit our website; www.plantscapeuk.com

Horizontal containers

Whether fixed to railings or acting as a window-box, our versatile horizontal containers bring a splash of colour to even the most unlikely of places.



7 DAYS

Elevated baskets

Take floral decorations to another level with our elevated baskets – raising the standard when it comes to hassle-free wall, lamppost or pole-mounted displays.



7 DAYS

Box clevers

Add a stylish finish to your planters with our Box Clever cladding systems, available in brushed stainless steel or wood.



Interlocking bedding planters

An ingenious way to encourage safe working, this system allows displays to be planted off-site before being assembled on location.



Floor-standing planters

Capable of creating stunning displays in confined spaces, our floor-standing planters can be supplied in a range of different heights up to 3.5m tall.



7 DAYS

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Ideal as a growing space for vegetables and will survive without watering for several days. Durable and easy to use Veggie-tables are designed with young gardeners in mind.



7 DAYS

Tree planters

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7 DAYS

Promotional planters

Want to say it with flowers? Now you can, with promotional planters boasting large panels for adverts, sponsorship and company logos.



7 DAYS

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Cycling is booming – and so is bicycle theft, so our pedal park ensures owners have somewhere safe to leave their bikes, while providing an eye-catching floral display.



7 DAYS

Planter seats

Available in wood or polyethylene, a removable seat means you can either give pedestrians an attractive resting place or create a formation of informal barriers.



Wooden planters

For eye-catching displays with a natural twist, our wooden planters have an internal waterproof membrane and can be stained and painted in your choice of colour.



Bespoke planters

Whether you're looking for style, practicality or something more way-out, our craftsmen can make your planters to order.



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Perfect for greeting visitors to your town, our signs can be combined with horizontal planters to create a welcoming display of colour.



Basket trees

Add head-high colour to your displays with our long-life basket trees, which fix securely to the ground and come in a range of sizes.



Christmas trees

Add some festive sparkle to your town with our unique solar-powered LED Christmas trees – there's no wiring, no fuss and no electricity bill!



As the UK's largest, most successful suppliers of hanging baskets and floral features, we pride ourselves on delivering a service that is unbeatable on price and value every time.

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The Plumbing & Heating Exhibition



roviding installers with a platform to meet with numerous manufacturers and learn more about the latest products, PHEX

helps visitors stay up-to-date with the market without taking too much time away from the job.

While it has grown and evolved to meet the changing needs of the industry, the show remains a well-respected and essential event in the HVAC calendar, having maintained it's ethos to ensure a practical and worthwhile day off the tools.

"The original idea was that installers could do the whole show in half a day," said event organiser, Claire Tilbury. "Obviously it's grown from there. Visitors wanted more than just an exhibition, so we introduced seminars and allowed manufacturers more room to demonstrate their products. As such, the show now takes a little longer to make your way round, but those who need to keep it short and sweet are still able to do so."

PHEX now runs three shows throughout the year: PHEX Manchester, PHEX Chelsea and PHEX+ at Alexandra Palace for those visitors whose business crosses into the commercial sector.

As well as allowing manufacturers to promote their products, the PHEX seminar programme gives

Having celebrated its 21st anniversary last year, the Plumbing & Heating Exhibition has established itself as the leading regional trade show for the industry.

industry bodies such as BEAMA and Gas Safe Register the chance to interact with the guys on the ground, explaining their role in the sector and how installers can get involved.

"As the official registration body for gas engineers, exhibiting at PHEX provides us with a fantastic opportunity to interact face-to-face with Gas Safe registered engineers and those looking to become Gas Safe registered," said Rachel Boon from the Gas Safe Register. "The feedback we gain is invaluable and data capture from the barcode scanners provided has proven very useful in the past. We have been exhibiting at PHEX for a number of years now and the shows are always well attended, at prestigious locations and very well organised."

The success of the first show at Old Trafford in 1998 sparked the tradition of holding PHEX at different football stadiums, and the tours still remain a popular pull!

The shows have received unrivalled support from the trade over the years, offering small and large businesses alike the opportunity to get in front of their customers on a level playing field.

From boiler and pipe manufacturers to tools and bathroom suppliers, PHEX works with over 95 exhibitors, all of whom have technical experts on hand to explain their offering and answer questions.

PHEX also partners with both national and independent merchants to provide free transport to each of its venues, allowing visitors to network with other installers in their area and build relationships with their local reps.

For more information and to register for your free ticket, visit www.phexshow.co.uk.

PHEX+

The Plumbing & Heating Exhibition

THE DOMESTIC AND COMMERCIAL TRADE EXHIBITION

Alexandra Palace
18-19 May 2016

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- + View the latest products
- + Unrivalled coverage of the heating sector
- + Show offers & discounts
- + FREE training seminars & demonstrations

For **FREE** entry, **FREE** parking,
FREE merchant travel and **FREE** food
register online:

www.phexshow.co.uk/alexandra-palace/exhibition

Take a look at Technogym's stunning UK showroom

Technogym now has a state-of-the-art Wellness Showroom at its UK offices in Bracknell, Berkshire.

Designed to reflect the iconic architecture of the Technogym Village in Italy – the company's global headquarters and the world's first Wellness Campus – the UK Showroom is set to be a true Wellness hub. It functions as a training centre for staff and customers; a meeting venue; and a showcase of the equipment and technologies across all of Technogym's premium home and professional lines of equipment.

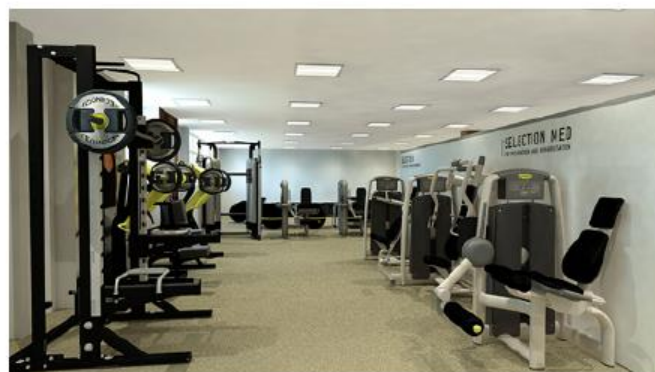
For those customers who would like to set up their own personal gym in their home, Technogym offers a complimentary consultancy service, Wellness Design™. A dedicated Wellness Consultant works closely with the customer to create their ideal Wellness space, offering advice and assistance during the design phase. This includes a consultation with a Technogym Master Trainer, a highly qualified fitness and wellness professional, who evaluates the customer's fitness needs and motivations in order to recommend the most appropriate equipment for their specific requirements and available space and help with the following factors that are an important part of any gym design:

1. Position of the equipment based on room lighting and the possibility of controlling light sources
2. Planning and development of apparatus and choice of pieces of equipment that complement one another
3. The best materials for the space (flooring, walls etc).
4. Maintaining safety while retaining style (in terms of space between equipment).
5. The ideal colours to fit with the surrounding environment.
6. Any additional furnishings that will further enhance the space.

The Wellness Design™ service also includes the creation of a virtual image of the gym so the customer is able to see how the space would look and compare the different available options.

Take a look at the images of Technogym's Showroom below. It is located at Two the Boulevard, Cain Road, Bracknell, Berkshire, RG12 1WP.

Call or email us at +44 (0) 1344 800236 or UK_info@Technogym.com to make an appointment to visit.





The Wellness Company

Technogym offers complimentary CPD training in Wellness Design

Designed to help professionals in architecture and design to create stunning and effective Wellness spaces for clients; both commercial and private.

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Technogym's in house Wellness Design specialists are on hand to help you with more complex projects, particularly where clients have specific fitness goals. We can support with **2D and 3D renders, walkthroughs** and **share years of experience** in overcoming challenges in design and installation.

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visit us online at:

www.technogym.com



crestJMTleather



Crest Leather is a multinational producer of high quality finished leather

Through our various operations across 4 continents, we use a combination of the latest technology and traditional artisanal techniques to ensure our range of leathers meet even those most demanding of requirements.

We currently own and operate tanneries in Brazil, Italy and Thailand and have further operations in London, Manchester and the USA with a total workforce well-over over 800 personnel.

Every year Crest Leather processes over 1,000,000 hides, sells over 58,000,000 square feet of finished leather, and moves thousands of containers across 6 continents. And we are growing...

QUALITY

Maintaining quality is of utmost importance to us, and that is why we tan our leather in an ISO 9001 environment. However, we are very conscious of the fact that quality leather products are only part of what we provide, so we also work hard to make sure that we give the highest levels of customer service.

Our sales teams are knowledgeable in all aspects of leather and production, and are always happy and ready to help with any of your professional requirements, however challenging. We are committed to improving our environmental stance, and are continually devoting a lot of

attention to reducing our environmental impact by maintaining strictly regulated procedures to ensure all our operations adhere to the highest level of standards in the industry.

CRESTJMT

Our facility in Manchester, CrestJMT, offers a wide range of finished leather in stock for order to predominantly UK customers. Currently we hold over 3 million square feet in stock at our warehouse in Rochdale in some 311 different colours across 22 different types of leather.

We have recently expanded our range with 62 brand new colours using high quality European pigmented leathers produced at our tannery in Arzignano, Veneto.

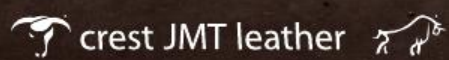
Our new brochure showcasing these leathers will be available soon and we will gladly send you send a copy upon request; we will also have a pdf version available to be sent over email.

Along with our existing range, we also offer a bespoke option to customers who wish to made-to-order finished leather.

CONTACT

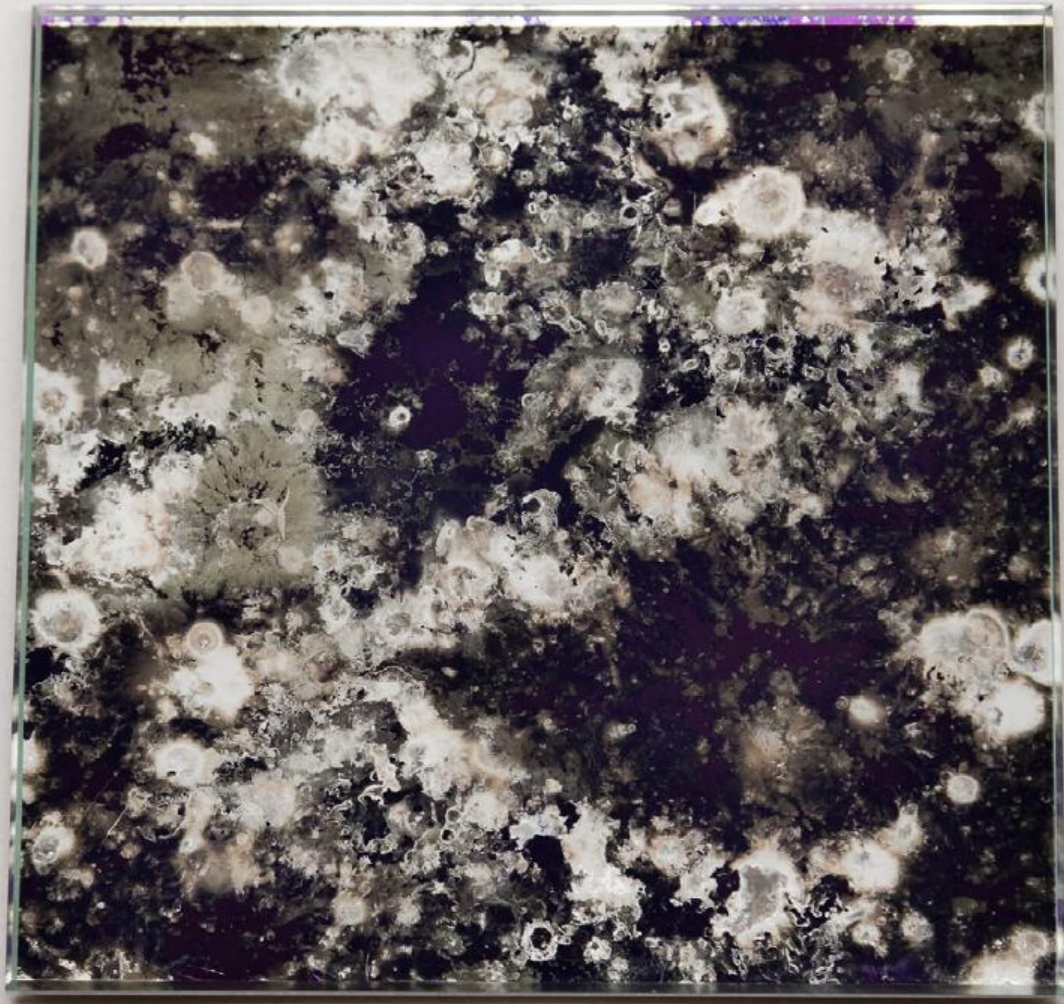
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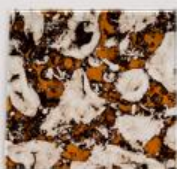
GlassTech



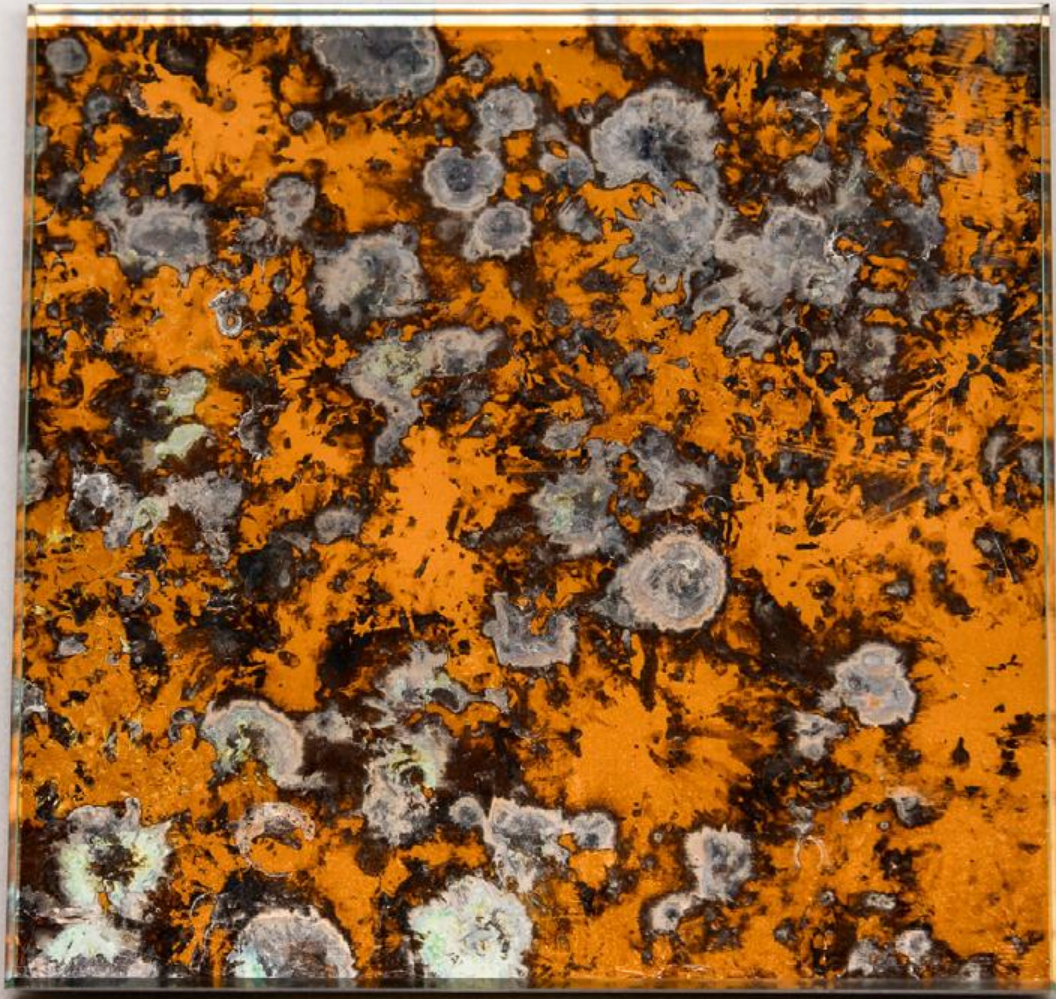
Product information

GlassTech Europe's stock distressed antique mirror is generally 4, 5 & 6mm thick & the sheet sizes are 2440mm x 1830mm & 2400mm x 1200mm

Our mirrors can be supplied as full sheets or cut to size & processed with polished edges, bevelled edges, drilled holes, cut outs & safety backing.

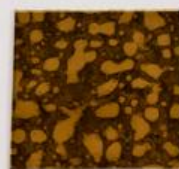
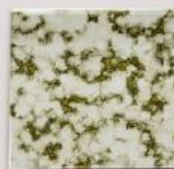
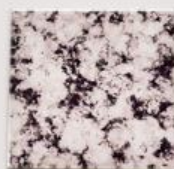


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- 4w LED lamp. Neutral white light. 30° beam angle.



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So tell us your design brief, let us know your timescale and we'll work with you to bring any display to life

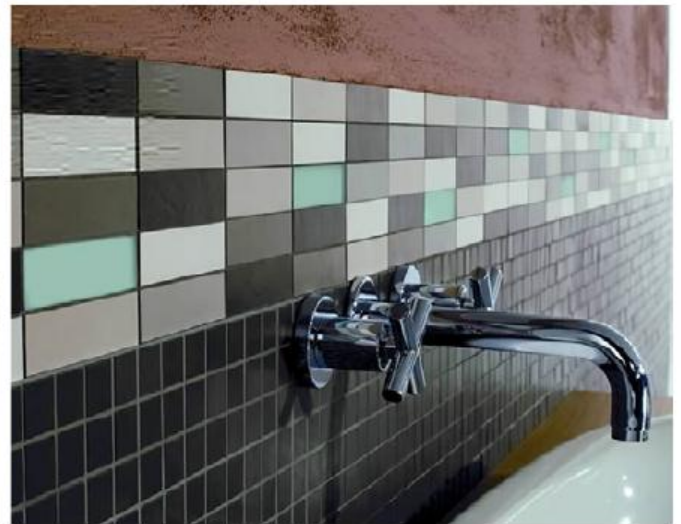


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SOLARSPOT

The Future of Social Housing

Urban Low-Rise, High-Density Developments

As cities around the world struggle with solutions to the housing shortage that faces many communities, one urban building typology has been floated for decades that might increase housing units without reducing quality of life: low-rise, high-density.

Emerging in the 1960s and 70s as an antidote to the severe “tower in the park” model offered by Le Corbusier and others, this housing typology had the potential to overcome some of the downsides of massive urban renewal in its emphasis on livable scale and community context.

Low-rise, high-density housing attempts to combine the best elements of both urban and suburban development schemes: a multitude of public transportation options, access to urban services, moderate scale, public open space and individualized dwellings. It can therefore reduce sprawl and efficiently use the limited space found in the urban environment, while also maintaining the street grid and pedestrian pathways.

However, low-rise, high-density housing cannot be seen as a one-step cure-all for urban ills. As many projects have shown us, sensitive architecture must also be combined with well-financed governing institutions and deeply involved community organizations.

The following projects show us a few contemporary examples of this building typology, which has the potential to mitigate housing issues and elevate previously neglected communities. From the inner cities of Canada to the posh streets of London, these innovative social housing projects display the low-rise, high-density typology’s great promise for future urban development.

The winner of a British housing design competition, this Peter Barber-designed social housing project in uber-expensive London is organized around two newly created tree-lined streets that parallel the surrounding neighborhoods.

Residents’ balconies and windows overlook the public spaces



in the complex on all sides, increasing the sense of safety and community for inhabitants.

Featuring two complementary street and garden-facing façades, this social housing project in France draws inspiration from the post-war slab apartment buildings that characterized many European cities after World War II and the pre-war brownstone streetscapes of cities such as New York. The varying rhythm of the garden-facing façade is mirrored by the placement of balconies on the street side.

Built as part of the city's regeneration scheme, this subsidized social housing project in the U.K. features three different housing typologies, creating a diverse spatial configuration for the building's inhabitants.

The project has a mix of four-story townhouses, two-story new houses, and three and four-bedroom apartments, allowing large families to take advantage of this housing opportunity. The different types of brickwork evoke the area's industrial past while breaking up the building's massed forms.

The Whale is a high-density complex of apartments located in Amsterdam's former industrial harbor that achieves 100 dwellings per hectare. The undulating roofline of this complex is echoed underneath, as the architects have raised the ground floor of the structure to allow light and air into an interior courtyard.

Hannibal Road Gardens is another London social housing project by architect Peter Barber in the East End neighborhood of Stepney. The project replaces a row of parking garages that previously served the already existing housing estate and completes the fourth side to what was once a three-sided complex. The eight new townhouses feature at least two garden terraces and individual entrances for large families at subsidized prices.

Set on a small plot in suburban Sevilla, this high-density housing project is organized around a courtyard with each apartment having visual access to both the street and the interior areas.

The balconies extend the living spaces into the outside, while the materials of corrugated zinc metal panels in different alloys give the impression of changing light and texture on this low-cost material.

Working closely with community residents and the relevant agencies, the architects replaced an eight-story Brutalist housing estate that had low permeability and visibility with a new three-story housing block that increased the flow of pedestrians and connection to the surrounding neighborhood. The project redresses some of the inhospitable housing estates created in the Brutalist style.





Innovation set to make buildings healthier featured at Vision London

A number of innovations are emerging to help measure and enhance wellbeing in buildings, and they are starting to be rolled out in the UK.

A new standard, the WELL Building Standard®, has been developed in the US to embed wellbeing priorities in the built environment, evaluating such factors as air and water quality, and noise, light and temperature levels.

Saint-Gobain has created the Multi-Comfort standard – a way of designing sustainable, healthy and comfortable buildings that also achieve the Passivhaus standard in energy efficiency. The first UK project built to the standard, a new sports and drama hall for King's Hawford Junior School in Worcester, designed by Associated Architects, is close to completion. As well as promoting high levels of energy efficiency and thermal comfort in the school, the standard

focuses on audio, indoor air and visual comfort to create a quality learning environment for teachers and students.

Saint-Gobain technical director Mark Allen and residential sector director Stacey Temprell will be outlining the Multi-Comfort concept and the story of the debut UK project as part of the Building Health & Wellness seminar programme on 7 June 2016 at Vision London. This opening day of the two-day architecture, design and innovation event at Olympia London will also feature an in-depth look at indoor air quality, as well as a range of approaches including RENSON UK's Healthy Residential Concept®, which notably combines ventilation and sun protection.

The focus on wellbeing in buildings is being prompted by many factors. The quest to create more efficient, high quality buildings in a changing climate is posing challenges, ranging from summer overheating in heavily glazed urban apartment blocks to questions about air quality in some tightly-sealed new energy efficient homes. Sick Building Syndrome continues to plague office workers, with a 2015 survey finding that more than a third of respondents felt unhealthy at work.

Vision London takes place from 7-8 June 2016 at Olympia London. Over the course of two days, the event showcases today's most exciting materials, technologies, products, projects and thinking.

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JIS Europe Ltd



JIS Europe Ltd has launched a new offering within its Sussex Range of Heated Towel Rails. The Rye Tilting Rail was inspired by the traditional library ladder, it has been designed to offer a gentle and elegant twist on the classic, leaning casually and lightly against the wall, taking bathroom elegance and comfort to a new level.

With larger than normal bar spacing comes the added advantage of further practicability should you favour more than one bath sheet or within a larger family bathroom. In fact this rail very

much marries practicability with the more minimalistic styling favoured within design today, a thoroughly modern classic.

The Rye range of towel rails is available in three different heating formats: these being electric only, dual fuel and the ability to be utilized solely within the central heating system. The rails, as always, are suitable for open plumbing systems.

Measuring 1800mm x 520mm – tapering to 300mm at the top, the JIS element is constructed from 100% stainless steel, with a built in thermostat to prevent the rail from becoming too hot and, of course, to reduce running costs.

With a BTU rating of 1878, the rail consumes just 550 Watts; while each one is manufactured with standard 1/2" BSP tappings and is pressure tested to 12 Bar.

Offering a choice of either satin or a highly polished steel surface, all Rye towel rails are hand finished by the company's

craftsmen to ensure the highest quality is maintained; so it is no surprise that JIS is confident enough to offer its usual no-quibble 25 year guarantee.

All of the towel rails within the Sussex Range are entirely fabricated from 304 grade stainless steel, of which over 90% is from recycled source and the rail itself is 100% recyclable at the end of its life. There are no environmentally harmful chemical plating processes in the manufacture of stainless steel, the very fact that it is not plated ensures the rails will not rust, flake or corrode and small marks can simply be polished out. This makes them a durable, as well as an attractive, environmentally-friendly choice.

The Sussex Range's latest towel rails have a recommended retail price of just £449.50 + VAT.

Please visit www.sussexrange.co.uk for further information or contact our friendly staff on 01444 831200





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Hayley Home Improvement

Granite Transformations' Chief Operating Officer, Danny Hanlon, having taken up an equivalent post in the Group's North American operation, General Manager, Hayley Fenn now assumes day-to-day responsibility for running the UK and Ireland retail franchise, renowned for its high quality kitchen and bathroom makeovers. She will manage the head office team, oversee business growth across the showroom network and provide franchise owners with effective marketing, technical and operational support. She is one of a growing number of women engaged in senior management and ownership roles within the UK franchise industry, far above the average proportion in other sectors.

Rather more unusual in having a key executive position with the main franchisor, Hayley (41) lives in Tunbridge Wells, near to the company's UK headquarters in Decimus Park. She joined the franchisor, RSG Europe, more than ten years ago and was latterly promoted to Financial Controller, before becoming General Manager, having previously worked for AXA PPP Healthcare as a Subscriptions & Claims Supervisor. She holds a National Diploma in Business & Finance and has completed the foundation level of the Chartered Institute of Management Accountants (CIMA) professional qualification, equipping her well for the exacting financial aspect of her role.

As General Manager, Hayley will be pushing for year-on-year Granite Transformations network growth, keeping abreast of interior design market trends and franchise owner requirements, and ensuring the right staff are in place to support the expanding business. A key project will be implementing a major network rebranding programme, which will see the transition to a new Trend Transformations brand identity and an even more diverse product portfolio, in addition to its unique core offering 'the top that fits on top'.

"I enjoy the challenges of running a successful franchise network and becoming a leading brand in the home improvements sector," says Hayley. "No two days are ever the same in this business, making my job diverse and interesting. This year we shall be focusing on our rebrand and supporting our pilot franchise showrooms through the transition programme, making it one of the most exciting periods in our corporate history."

Fittingly, for the head of a leading name in home makeovers, Hayley has already remodelled four different houses, enabling her to move up the property ladder, and she is always on the lookout for another new project. One of her latest installations was an Italian glass mosaic feature wall in the family kitchen-diner, using an exclusive design from the parent company's Trend tile collection, which forms part of the extended product portfolio.

"I love the ability to refresh and revitalise the look of your home, without having to move, enabling you to explore new décor trends and personalise the living environment to suit your family and lifestyle," she comments. "That's exactly what we offer to our customers, without the usual debris, dust and disruption, and having our parent company as our manufacturer and supplier means that our showrooms are always at the cutting edge of interior finishes."

Hayley Fenn and her husband Nick have two children, Willem (6) and Isaac (4), and Nick is regularly involved in the social side of the business, attending franchise conferences, awards dinners and other occasions.

For further enquiries and details of nearest showroom, contact 0800 044 5393 or visit www.granitetransformations.co.uk.



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Gianfranco Novellini began the business in Mantua in January 1966. In that year, he filed a request with the local Chamber of Commerce to open an artisan ironworking activity in Terziario Alley within the historic centre of Mantua. While working with screen and window materials in 1976, he came up with the idea that made Novellini what it is today: the construction of shower enclosures.

50 years later, the Novellini group is the European leader in the production of shower enclosures, shower cubicles and jacuzzis, with factories in both Italy and France, branches in key European countries and representatives on different continents. We have 27 branches worldwide, eight production sites and one million shower cubicles manufactured every year. We have been taking care of your well-being for 50 years!

1966 - Novellini began as a small artisan company which specialised in using wrought iron and aluminium to produce doors and windows.



Barbara Novellini, now CEO, was born the year the company started.

1967 - Gianfranco Novellini's entrepreneurial talent first emerged when he designed "Mary," the original folding mosquito net, named after his mother.

1974 - The creation of the first shower enclosure.



The first shower enclosure was created the year Marco Novellini, also a current CEO, was born and thus, bears his name.

1980 - Shower enclosure production proved profitable. With it, Novellini achieved success in the European market. The aesthetic evolution of the product and the growth of the range led to the insertion of new materials, new technologies. In order to increase product safety, Novellini integrated the annealing of glass into the production process. Metal external



finishes and toughened glass form the technical foundation of the shower.

1986 - Creation of Novellini's "Coloratissimi"



1988 - The company grew. In addition to the production site and facilities in Mantua, the first Novellini warehouses were established in Italy and Europe to greatly improve distribution and service.

1990 - The product range expanded to include whirlpools.



The Novellini Group, strengthened by its industrial, technical and commercial capacity, gained a manufacturing facility for producing acrylic baths and launched new products.

1995 - The second half of the 1990s saw the start of a reorganisation process to facilitate integrated production in all its operations. The departments in charge of processing of raw materials expanded significantly.



2000 - At the beginning of the new millennium, the Novellini Group began its most important investment programme to date, involving the redesign of production layouts, logistics and sales organisation.

A number of things were added to the production departments including: an aluminium smelter to produce billets used to make shower enclosure frames; a "smart" warehouse; a new, completely automated, final assembly department; and new glassware.

The new millennium also represented an important change in the IT systems for Novellini with the introduction of SAP software and web technologies, and setting up a new Technology Warehouse.

In the last decade, the focus on 'simple' products, like shower enclosures, has continually increased. Demands for customisation have multiplied and the company has had an increasingly direct relationship with the end-user.



2007 - Elysium, a range of high-quality products, was founded in 2007 and is designed to fit into the TOP Design Furnishings Market.

2011 - the company's technological resources were enriched by a new, important shower customisation project. The use of digital printing on glass began which allowed for the creation of the IN ART collection.



This technology allows printing any high resolution image on glass, thus creating endless possibilities for customising products.

2016 - After 50 years, Novellini continues to take care of your well-being. In addition to a quality product, we now offer the ability to choose the product solution that is just right for you on our very useful and effective website. We also provide advice and inspiration using social media.



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Elysium range

BA Components takes over the UNILIN uniclic® for furniture activities

UNILIN division Panels is handing over the production and sales of furniture components with the Uniclic® for furniture technology to one of its major customers, BA Components. The Uniclic® for furniture technology, developed by UNILIN, allows the user to click various panels together without any tools. UNILIN made the strategic choice to hand over the sales and production to further focus on developing new technologies and improving existing product ranges.



BA Components, a market leading manufacturer of kitchen & bedroom doors and accessories in the UK and Irish furniture components industry and currently operating in more than 20 worldwide markets, signed a license agreement with UNILIN for the Uniclic® for furniture technology and will also take over and further continue the production and sales activities of ClicBox, a commercial range of components with Uniclic® technology mainly used in kitchens.

Having signed the license agreement BA have purchased the production machinery used for Uniclic® for furniture and invested in a new purpose designed production facility in South Yorkshire where they already have a manufacturing base.

ClicBox was launched by UNILIN just over two years ago. BA Components will guarantee the production capacity to ensure continuous supply to the market, a seamless transition and establish

the brand further within the marketplace in order to support the further growth of the business.

Jan Battheu, Sales & Marketing Director at UNILIN, division Panels is happy to see BA Components further develop the furniture components. *"We are convinced that the ClicBox range is a perfect match with BA Components' current activities and product offer, allowing us to concentrate more on our core business."*

Kieran McCracken, BA's Operations Director and the man ultimately responsible for the smooth production transition said, *"We are excited by both the challenge and opportunity this offers and would like to thank Unilin for the manner in which the negotiations have been conducted, we are looking forward to further establishing the Uniclic® for furniture products not only here in the UK but throughout our global sales network."*

UNILIN, division Panels will continue the production and sales activities of furniture components and the ClicBox range until BA Components take over full production from the 1st of July 2016.

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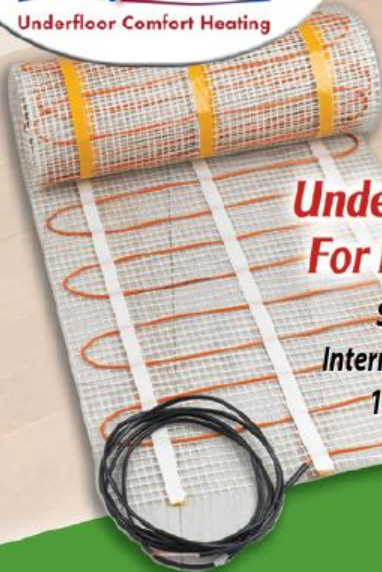
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Purus Floor Gullies installed at the Henry Price Building, Leeds University



Purus Limited, the Swedish wetroom floor drainage manufacturer, are proud to announce that their Mini Series Floor Gullies and Purusline Living Linear channels have been selected for the Henry Price Building at Leeds University, offering stylish yet very practical drainage solutions for their en-suite wetrooms.

The building itself is a popular on-campus student accommodation facility and houses 355 full-time students.

The Purusline Living is Purus' linear wetroom drainage solution designed for commercial and domestic use in tiled wetrooms, showers and level-access facilities; and allows for a functional, stylish and modern shower space.

Purus offer the Purusline Living channel in lengths of 600mm and 800mm, with three options of gully to suit your installation; and three fully stainless steel grates to create your perfect finish.

These include the Tile Insert grate, which allows for a minimalistic look where the tiles sit into the grate to match the wetroom floor; and the Drop and Twist patterned grates.

The Twist grate was selected for use at the Henry Price Building at Leeds University.

Also selected for use was the Purus Mini Series Floor Gully range. The range includes the Minimax 50, Minimax Two Part, Mini Brage 50 and Mini Brage 110,

with a further selection of special gullies also available.

All Mini Series Floor Gullies come complete with the patented NOOD no-odour water trap, which will not allow any foul air to come up even when dried out; and can all be adapted for use with vinyl, tiled or resin floors with the required grate.

Purus' stainless steel PK155 Drop grates were selected for installation into the tiled floors of The Henry Price Building's en-suite wetrooms.

Purus' Minimax and Mini Brage floor gullies have BBA Certification and are featured on BIM.

You can view the Purus product range at www.purusgroup.com, or contact Purus with any enquiries directly on 01 13 289 3172/info@purusgroup.com.

You can also follow Purus on Facebook by searching for 'Purus Ltd.' and on Twitter (@PurusLtd) to ensure you don't miss out on any product updates and company news.

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From low-profile floor gullies to stainless steel linear drainage channels for tiled, vinyl and resin floor finishes, Purus Limited manufacture a huge range of drainage solutions for your commercial, domestic and industrial projects.

So why choose Purus?

Our patented NOOD No-Odour trap provides the key ingredient to our Mini Series Floor Gullies and Purusline Living linear channels, and will stop any bad air escaping even when the drain is left to dry out. It's just one of the reasons why our drains are used in so many projects like Leeds University's Henry Price Building student residences (pictured). With many of our products certified by the BBA and with BIM Objects ready to download, Purus make the ideal choice for all of your level-access drainage requirements.



View product details, installation guides and much more at:
www.purusgroup.com



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PURUS



Sit Tight

No more movement!

Have you had your trusted toilet seat so long that you are finding it's gradually working itself loose? Now is the perfect time to replace it with a 'Sit Tight' toilet seat from Croydex.



The Sit Tight toilet seat uses a glue and screw double fixing system to secure its hinges into place, giving consumers peace of mind that their toilet seat will never come loose.

Croydex's Product and Procurement Director, Peter Pegden explains: "Whether caused by normal use or incorrect fixing, we've designed Sit Tight to deal with the age old problem of toilet seats working themselves loose over time."

The pioneering design by Croydex comes in a range of styles and is incredibly straightforward to fit; simply position the hinges and glue them into place before 'double-fixing' as tightly as possible with screws. Once secured into place, the seat can be used straight away – meaning you can just fit and forget.

Sit Tight seats aren't the only innovative toilet seats from Croydex. New to their 2016 catalogue are the Luminoso and Sensori toilet seats.

The ingenious Luminoso self lighting seat, shines a soft glow around the bathroom as it is approached to light the way through the dark. It comes with its own sensor-activated nightlight which illuminates the bowl for 120 seconds – plenty of time to spend a penny!

The LED light requires 2 AAA batteries and has an expected battery life of around 3 months.

Another new addition to the 2016 range is the Sensori self closing toilet seat which automatically closes the lid when the user stands up.

Not only are they providing you with innovative toilet seats, Croydex are also adding a bit of glamour to your bathroom with a range of glitter seats. Now available in silver, black, gold, blue or white, the toilet lids add a bit of sparkle to an often uninspiring space in the home. Featuring chrome plated and adjustable hinges to fit all standard toilets, the collection makes it easy to add some fun to the bathroom without compromising on functionality and style.

Whether you are looking for a practical solution to solve your bathroom woes or just want to add a bit of character to the most used room in your house, Croydex have you covered.

For more information call Croydex on 01264 365881 or visit www.croydex.com

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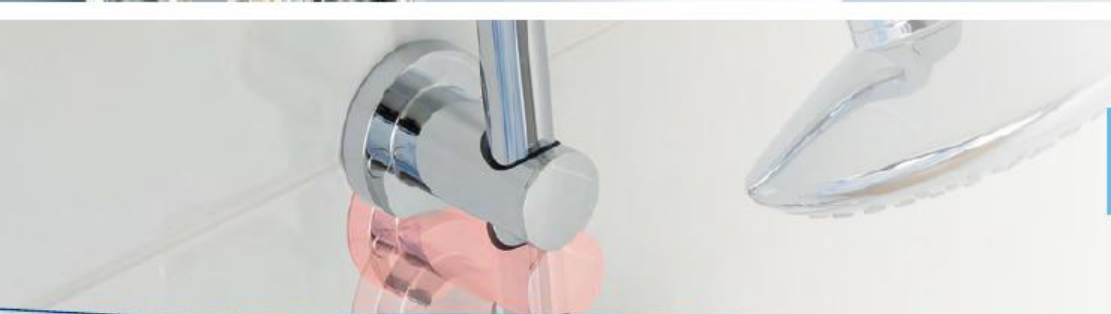
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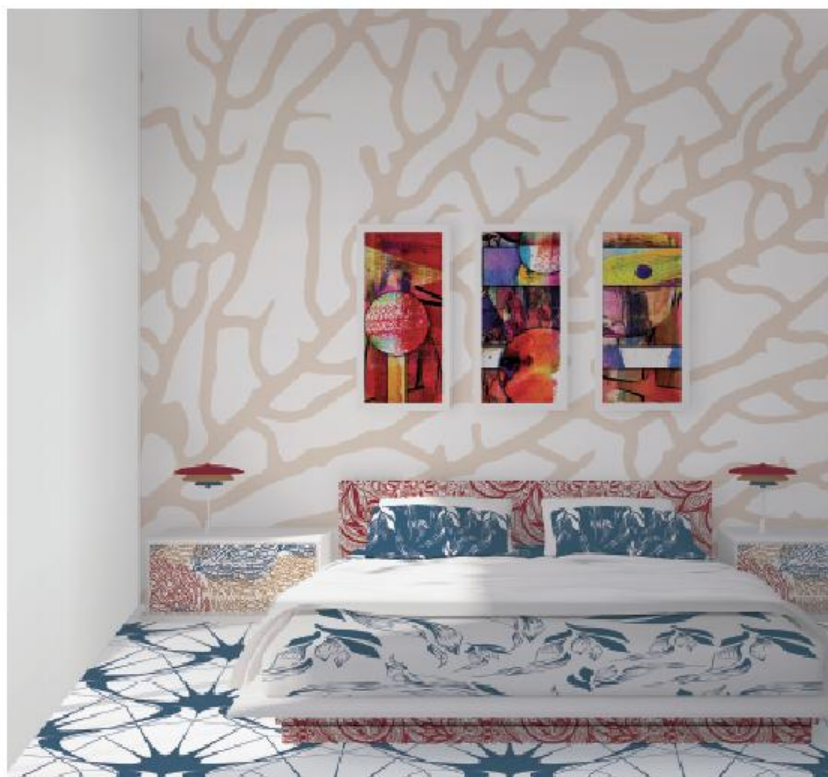
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Bring your interiors to life with print – visit Printeriors 2016, Europe's only event dedicated to the creative community

Printeriors, RAI Amsterdam, 8-11 March 2016

This March, the RAI Amsterdam will be opening its doors to Printeriors, a unique showcase exhibition and one-day conference that highlights the opportunities available to enhance interior design projects using print technology.

Taking place alongside FESPA Digital 2016, join fellow interior décor professionals, architects, designers and specifiers in discovering how print can be used within retail, residential, corporate and hospitality projects to create incredible talking points.

Enhance your knowledge and creative insight of printed applications and personalisation. Meet with peers and see the newest trends for 2016, and be inspired by colour, pattern, print techniques and product development to learn how printed interior elements and applications can create beautiful bespoke yet cost-effective décor options.



The Print Hotel

Printeriors is home to a showcase of 16 interior room sets themed under the heading of 'Print Hotel', and incorporating key hotel areas such as bathrooms, bedrooms, bars, cafes, meeting rooms and lounge areas.

With each one specifically designed to inspire, each room set will feature a full spectrum of printed interior elements and applications from walls, floor coverings, ceramics, textiles and decorative surfaces as well as furniture and accessories.

Be inspired at the Printeriors Conference

On the 10th March, visitors can also book to attend the Printeriors Conference, which offers the chance to hear from a global line-up of experts. Benefit from sessions hosted by designers, printers and end-users who will share their thoughts and experiences on how print can be used as a creative tool for the interior space.

Keynote speaker is Alberto Alessi, Chairman of Alessi SPA, the iconic Italian houseware and kitchen utensil company. Other speakers sharing the stage include internationally renowned trend-forecaster WGSN, Matt and Laura from UK brand Kitschiku, Christian Duyckaerts of Febelgra, Thijs Sepers and Vincent Post of the Netherlands' TS Visuals and many more – see the full line-up at www.printeriors.net



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While all materials of equal thermal resistance perform identically under laboratory conditions the same is not true in real life; some insulation materials off-gas which, over time, diminishes their effectiveness, others allow the passage of air through gaps between them and other building components. Installing Icynene ensures no loss of performance and it will remain the same over the lifetime of the building. Minimising air leakage from a building enables the correct design of heating and ventilation systems, saving money on the initial installation and future running costs. Buildings with Icynene installed have easily reached Passivhaus standards for air leakage without the

use of membranes and tapes. Needing only a short installation period, Icynene can save you valuable build time and is therefore extremely cost effective compared to other products, not only that but you benefit from insulation and airtightness in one application.



The Icynene Insulation System is 100% water blown containing no toxic chemicals. Icynene doesn't contain any HFC's, CFC's, HFA or HCFC's and it remains soft and flexible accommodating any normal expansion, contraction or movement within a building.

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Genesis Vertical Sliding window is the real PVC-U alternative to timber



The aim behind the development of the Genesis Vertical Slider was simple: to create a window that could become a viable alternative to timber windows in conservation areas and Grade II listed buildings. Three years on, that's exactly what is happening. The Genesis Vertical Slider is regularly being accepted for use in sensitive conservation areas and selected Grade II listed properties where previously timber would have been the only option.

T

he first thing that strikes you about the Genesis VS is just how authentic it looks and this has been reflected by the level of acceptance it has achieved amongst planning

and conservation officers across the country. There are three key reasons for this. The first is the use of traditional timber jointing methods on the frame and sash rather than the usual 45 degree PVC-U weld. The second is the full range of heritage colours and woodgrain foil finishes that replicate the traditional appearance of timber rather than the high sheen finish usually associated with PVC-U. The third is the Genesis Vertical Slider ticks all the boxes when it comes to thermal performance and energy saving.

These key features are complemented with other carefully-considered touches of authenticity. The window uses elegant high security Acorn cam locks, sash buttons and other complementary hardware in various traditional or contemporary finishes. It has a deep bottom sash rail, run-through sash horns and colour coordinated pile seals as standard. A wide range of authentic milled Georgian Astragal bars designs are also available in the full range of heritage colours and woodgrain foil finishes.

Despite the window's heritage appearance, the Genesis VS is very much a modern window. It is as easy to fit as any other PVC-U vertical slider. It has a tilt open facility for easy cleaning and is capable of achieving window energy rating (WER) of A, B and C.

The combination of craftsmanship and innovation means the Genesis VS is the most authentic vertical slider on the market. So if you don't think PVC-U can be accepted in conservation areas and Grade II listed buildings, think again.

And if you're looking for aluminium products the new Warmcore Folding Sliding door is another game changer from Bison. It's a product that really stands out from the crowd with its premium quality finish, structural integrity and architectural elegance that



GenesisVS



the market demands from quality aluminium products. The WarmCore Aluminium Folding Sliding Door is set to follow in the footsteps of Bison's Genesis VS as another exciting, game changing and innovative product that gives specifiers, architects and builders something different to add to their portfolio.

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Web: www.bisonframes.co.uk

Traditional

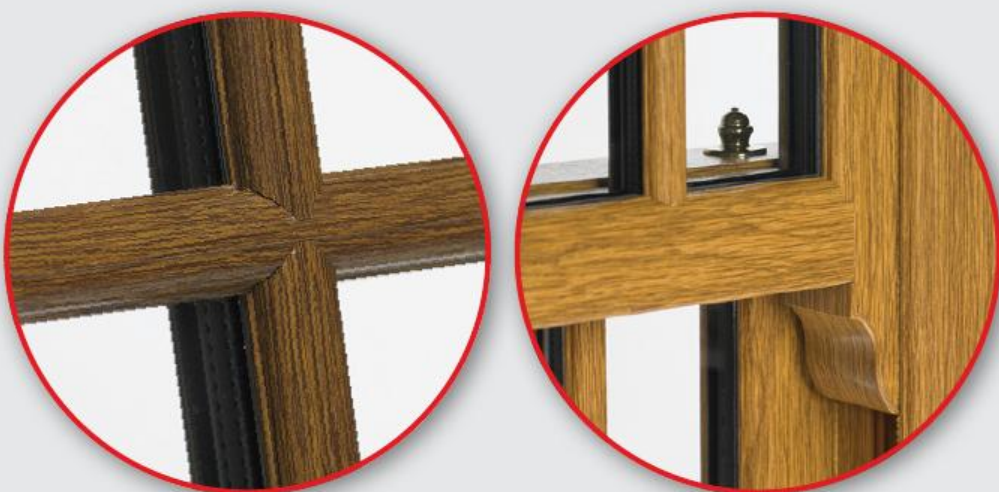
Genesis recreates the timeless beautiful styling of a traditional timber sliding sash window like no other. With its authentically jointed frame and sash it replicates the windows of yesteryear that are found in period cottages, older properties and conservation areas.

Modern

With its elegant styling and precision design, the Genesis vertical sliding sash will enhance any modern home as well as a traditional property. Designed for modern living, Genesis combines cutting-edge technology with the traditional character of a box sash window. Precision-engineered for smooth, simple operation, Genesis effortlessly complements your modern lifestyle.

The NEW Genesis VS SASH WINDOWS

A new generation of vertical sliders



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Home to the **Genesis** range of products

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Unique joint design to both sash and outer frame replicates a timber window for a truly authentic appearance, setting your windows apart from the rest. Combined with period hardware and a complete range of heritage finishes, the Genesis VS pushes the boundaries of modern PVC-U sliding sash windows.



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**TODD
DOORS**
BEAUTIFUL DOORS
SINCE 1952



Protect the planet with responsibly sourced doors from Todd Doors

With the planet coming under increasing threat from deforestation, resulting in climate change and global warming; Todd Doors has taken steps to ensure that all purchasing procedures are undertaken in the most environmentally responsible way possible and is committed to supporting the European Council's goals for sustainable development.

Todd Doors has sought and qualified for certification under the stringent rules of the Forest Stewardship Council (FSC) and the Programme for the Endorsement of Forest Certification (PEFC). This shows a dedicated obligation as a business to protect the environment and recognises the concerns of customers.

It's always worth bearing in mind the origin of any timber products you buy. All timber doors at Todd Doors are sourced from sustainable and well managed forests and fully comply with European Union Timber Regulations. Under no circumstances

will Todd Doors purchase products from factories that cannot or will not prove the origin of their timber. Rigorous checks are undertaken and evidence obtained to ensure all parts of the supply chain and movement of timber can be verified. From the growing of trees in forests that must meet with the internationally recognised standard for good forest management; to securing documentary evidence that the timber purchased is precisely what is used in the manufacturing of the doors, you can be wholly confident with the provenance of the doors that you purchase through Todd Doors.



With a great range of timber doors to choose from, original designs in traditional and modern styles and a fully bespoke service available – Todd Doors is sure to have the right door for you. Dedicated door experts are available six days a week to help you choose the best doors to suit your home, style and budget - and with all the door furniture and accessories you will need, Todd Doors really is a one-stop destination.

Shop on-line, in store or call
0800 633 5050
www.todd-doors.co.uk



Inspirational doors for every home ...



At Todd Doors we put service and value at the heart of everything we do.

0800 987 8667
TODD-DOORS.CO.UK

ESSENTIALS*



CHARLES TODD*

**TODD
DOORS**
 BEAUTIFUL DOORS
 SINCE 1952



ENHANCED CHOICE OF PANELS FOR SCHUECO'S RANGE OF DOORS

Customers of Schueco UK can now choose products from leading German door panel specialist, Adeco, a longtime supplier to Schueco in other European countries. This option now gives UK clients a greatly improved choice of stylish, high-end design options for Schueco entrance doors.

Constructed from the highest quality aluminium, Adeco's comprehensive product portfolio includes modern, contemporary designs as well as more traditional styles, meaning that they can supply an infill door panel to bring visual distinction to any type of property.

Adeco offers three panel types – infill, single sided leaf enclosing and double sided leaf enclosing, the latter two providing the most popular and visually attractive versions. These are combined with purpose-designed Schueco profiles in frame depths that range from 65 mm to 90 mm depending upon the configuration that has been chosen.

Schueco doors fitted with Adeco panels take all standard Schueco fittings including handles, hinges and locks. The result is a very distinctive door which is both highly insulated and extremely secure.

A wide choice of RAL colours is available and customers have the option of specifying different colours on the outside and the inside of the doors.

State-of-the-art NC technology and advanced surface coating systems ensure that the colours and finishes are bright and will be particularly hard-wearing.

The depth of the company's attention to detail is exemplified by the option of special pre-treatment coatings for doors in coastal situations.

For more information about Schueco doors and Adeco Door Panels, including ordering details, please email mkinfobox@schueco.com





The real beauty is what you don't see

The quality of a Schueco glazed system isn't just on the surface. German engineering means sliding doors with concealed frames and narrow central joins. Windows have slender profiles. Façades offer ultra-slim mullions and transoms. Entrance doors deliver unbeatable security. Yet all come with insulation that can be up to Passive House levels. If you're looking for a system that is clearly better, there's only one name on the frame. **www.schueco.co.uk**

SCHÜCO

Button-fix

The, Award-winning, secret fixing for panels and more...



From Washrooms and fit-outs to exhibition, furniture and display stands and now even internal signage, this innovative, secret fixing is a must have for fitters, designers and architects alike!

Button-fix is an extra strong, **secret** fixing for panels. Now with four different types of Fix to choose from; Type 1 Fix, Type 1 Fix Bonded, Type 1 Fix Flush and Type 2 Fix all of which are compatible with our 2 different Button Types.

As with the original Button-fix, our NEW Fixes have been designed with Fitters in mind, saving companies time and money as well as increasing the accuracy and ease of the fit. **Button-fix are easy to align and fit** with the Button part of the fixing safely locking home with a 'click'! Which type of Button or Fix depends on your particular application!

To better understand which type is best for your application, please visit www.button-fix.com, particularly our video and photography page where you'll see how and where Button-fix has actually been used. The **NEW Type 1 Flush** is ideal for the 'no gap' fixing of panels, popular with furniture and exhibition stands.

NEW Type 1 Bonded is for applications where screw fixing is not possible and bonding is the preferred option. This is perfectly suited to light weight decorative panels, boat interiors, interior signage, white boards and POS displays.

To find out more see our website or contact us.

W: www.button-fix.com

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the full Button-fix range

Styccobond F46

– The Perfect Fit!

F. Ball's leading pressure sensitive adhesive Styccobond F46 is the 'Perfect Fit' for securing PVC sheet and tile floorcoverings. As the UK's leading flooring product specialist, F. Ball have developed a market leading range of tried and tested, high performance products.

The key to any successful floorcovering project, as every contractor knows, is choosing reliable products which maximize time efficiency. When piecing together the perfect installation, proper subfloor preparation is essential prior to the application of the adhesive.

Subfloors must be structurally sound, smooth, dry and free from all surface contaminants which will affect adhesion. F. Ball recommend using their approved Digital Hygrometer to measure the Relative Humidity of the subfloor. Where the RH value is greater

than 75% the appropriate STOPGAP waterproof surface membrane should be applied as excess moisture in the floor could result in blistering of the floorcovering or complete failure of the flooring installation.

After the subfloor is prepared, F. Ball's Styccobond F46 is ready to be deployed! Once applied, the adhesive dries to a permanent tacky film in approximately 40 minutes' dependent on temperature, humidity and absorbency of the subfloor. It is ideally used to reduce the incidence of trowel



serrations shadowing through thin vinyl flooring and is designed to give strong initial tack and a high bond strength, particularly useful for the installation of intricate, high design vinyl tiles. It is protected against biodegradation and is suitable for use over normal underfloor heating installations. Dependent on the scale and requirement of the project, it is readily available in both 5L and 15L tub sizes.

In order to help ensure perfect results, make sure to choose the perfect ingredients - F46 ensures a high grade, professional finish with exceptional value. For further information on Styccobond F46 and the complete range of F. Ball products please consult the F. Ball Recommended Adhesives Guide or visit the F. Ball website www.f-ball.co.uk



STYCCOBOND F46...



Pressure Sensitive Flooring Adhesive

Styccobond F46, the leading pressure sensitive adhesive, ideal for both vinyl sheet and luxury vinyl tiles. In a full 15 litre tub, this adhesive goes further than virtually any other adhesive on the market, making it exceptional value.

- ✓ Excellent Tack
- ✓ High Bond Strength
- ✓ Quick Drying
- ✓ Long Open Time



F. Ball and Co. Ltd.

Cheddleton, Leek, Staffordshire ST13 7RS

Tel: 01538 361633

Email: mail@f-ball.co.uk

www.f-ball.co.uk





SMART WAY TO USE SURPLUS SOLAR ENERGY

Imagine being able to send electricity from your rooftop solar panels directly to your washing machine.

That's exactly what LightwaveRF Smart Home platform users will be able to do soon, thanks to an exciting partnership between the UK-based Internet of Things developer and the Australia arm of renewable energy innovator Power Diverter.

The two firms have signed a licence agreement which will culminate in solar panel users being able to divert surplus energy directly to appliances via the LightwaveRF app.

LightwaveRF's Smart Home platform enables users to control energy, lighting and heating whilst at home or away via a single smartphone app. Under the agreement with Power Diverter, the app will be able to channel excess energy from solar panels to any LightwaveRF-controlled appliance, such as a washing machine, dishwasher or water heater.

Up to now, renewable energy users can but stand by whilst surplus energy is fed back into the electricity grid. Power Diverter's Australian distributor, Apricus, will begin selling associated LightwaveRF products with the Power Diverter unit in summer 2016.

A first order for an initially limited range of LightwaveRF products of USD 250,000 (£175,000) has been placed which brings the company's current order book to over \$1.7m (£1.2m). Mike Lord, CEO of LightwaveRF, said: "The partnership with Power Diverter is immensely exciting and opens up a whole new world of energy control for smart home owners. It's also a fantastic

demonstration of how smart technology is helping to increase energy efficiency at a time when action is needed to increase renewable electricity sources and reduce our carbon footprint."

He added: "We're absolutely delighted to be working with Power Diverter and developing our presence in the Australian market."

Daniel Lawes, Power Diverter's managing director, added: "We have been very impressed with the reliability and ease of use of LightwaveRF technology compared with other possible technology partners.

"There are over 600,000 Solar PV installations in the UK and 1,000,000 in Australia for which the Power Diverter/LightwaveRF product combination is very compelling."





Vintage LED by Lightique

The new Vintage LED filament lamp range, by Lightique is an innovative range of filament-style retrofit LED lamps. This range neatly combines a classic vintage look with state-of-the-art LED filament technology, to offer an entirely new proposition to architects, interior designers; energy managers and residential users alike.

Lightique

Designed to provide a timeless vintage feel, this latest range from Lightique includes a widest selection of popular, designer and niche lamp shapes currently available. These include: globes (G80 and G125) squirrel cages (ST64), long tubes, valves and candles lamps, all with a multitude of filament designs and gold external finish.

These fully dimmable, Ultra-warm white (2200K) vintage-style lamps can be used to create the enjoyable ambiance; designed luminosity; and nostalgic chic previously only the territory of energy-hungry incandescent lighting. Smooth and stable 0-100% is now possible with a range of Compatible or Recommended dimmers.

The Vintage LED filament range is designed to invoke nuances of Victorian nostalgia, whilst offering the reliability and energy saving potential of the very best in LED filament technology. Lamp efficacies of 100-130lm/W and 30,000 hours lifetime are possible thanks to proprietary drive electronics; patented sapphire substrate LED technology; and thermally enhanced inert gas mix. All of which add up to a market-leading product with a lifetime of up to 10 times that of a traditional incandescent lamp.

To see many light fittings that compliment these new filament LED lamps then check out our new website www.lightique.com

Lining Systems - The importance of Fabrication

Sometimes a spark of clarity will result in a "eureka" or "light bulb" moment and an idea will evolve into a unique product. I don't know how many people get such moments but it is certainly not uncommon as it is one of the things that makes us Human, our inventiveness! Such was the case many years ago when the idea for the Unifold® hinge was born, only I called it my "beer mat" moment, because at the time I was bending a beer mat and you can probably guess where I was when I was doing it!

Since those early days of trials, tests, disappointments and triumphs, Unifold® has become a complete system and this has been achieved through an evolutionary process more by necessity than design, most often encountering a problem on site and returning to the factory and solving it in the workshop, employing fabrication techniques and whatever tests were necessary to prove the solution. Most of the fabricated components which are vital to the Unifold® system were designed in the early years of product development and we had many "light bulb" moments in that process along the way, such as the patented Clip Joint used for difficult and narrow applications.

We learned the use of our hinge principle in so many ways to aid the fabrication process and to produce components which would be impossible any other way. From the outset this produced fabricated components fit for purpose and of exemplary quality.

We also realised early on that site working inside a gutter cavity could often be very difficult and to expect site operatives to "cut and carve" and then effectively seal a lining system was too much to ask, so our intention was and has been throughout for us to provide all fabrication, factory manufactured with simple gutter joints so the installation is constant and repetitive and as easy as we can make it. We became a "single product company" concentrating on providing product and service excellence.

The system has proven to be entirely versatile with the ability to correctly line almost any existing system whether it is a level gutter or laid to falls. Some of our fabricated components are corners, tees, side boxes, sumps and expansion joints and these are just a few! In fact there are solutions for any circumstances however difficult or complex. WFor quite some time now we have insisted that anyone who installs Unifold must be trained to install the system. This is to ensure conformity and continuity of the system quality on site. This supports our 25 year comprehensive guarantee that includes the installation as well as quality of materials and manufacture. An industry first in gutter lining applications. It is also without doubt that Unifold® is a technical product which the following photographs clearly demonstrate.



This first photograph shows part of a fabrication that was probably one of our most complex and certainly one of our largest.



This is a two piece corner detail with an intruding pier section.



This photograph shows a sump unit with two coned outlets and demonstrating that each end is a gutter section for ease of installation. Can you imagine attempting the manufacture of this on site?



And this is the complete fabrication in situ, 18 pieces in total! And five gutters entering a single space! Not easy, and not a common occurrence, but if you are going to "set your stall" to line gutters then the ability to cope with such circumstances is elemental and vital.



It takes a long
time to create
perfection.

Once in a while a product comes along and changes everything, from the way it's crafted to the way it works. Products are often copied and many are great ideas that never really see true success in their application. Many years are spent searching for a product that will ultimately surpass expectations, stand the test of time and become recognised as the leader in its field.

We created one of those successful products nearly two decades ago and still today it has never been equalled.

Why?

Because we have never compromised on quality.



AMPTEAM

UNIFOLD® Unrivalled excellence in gutter lining technology.
www.gutterliners.com



Introducing the M6000LS

- a fully enclosed cabin platform lift.

We'd like to introduce the M6000LS- the first small footprint, fully enclosed cabin platform lift from Invalifts. Requiring just a 100mm pit and available with glazing on all four sides, this lift is something really special.

Offering a 675kg capacity, complete with a self supporting shaft, this lift is equipped with the latest belt drive technology and travels at a speed of 0.15metres per second.

As the lift is fully enclosed, it requires just a single press inside the cabin to travel to different levels, unlike normal platform lifts which require the user to hold down the button.

This enclosed cabin platform lift, which comes with auto cabin doors as standard, is extremely space efficient and the shaft footprint can be as little as 750mm wide x 1000mm deep. We do however, offer the lift in over 140 different sizes, so we can tailor it to your exact requirements.



The M6000LS is ideal for installing within existing buildings where no shaft is apparent. It is designed for installation within, or alongside, a staircase.

To help the lift blend in, or stand out from your interior, the shaft can be supplied either fully or partially glazed, or in a solid finish in your choice of RAL colours.

To find out more, please contact Invalifts for a friendly, no obligation chat. You can call us on 0845-4682543 or email sales@invalifts.com.

Platform Lifts

Our range of platform lifts includes the **MC2000 lift** (right) - a high quality enclosed platform lift with a unique chain drive, and the option of glazing on all 4 shaft sides.

With a fantastic guarantee, and small footprints available, this is a premier platform lift.

We also offer stair platform lifts and a range of platform lifts for both internal and external use.



Tel: 0845 4682543
Web: www.invalifts.com





USM Haller

Deliciously Designed for the Kitchen

The kitchen is a multifunctional room needing to incorporate design solutions that not only make it a comfortable and practical space to cook and dine but also a stylish environment to socialise and entertain in. Designing a kitchen versatile enough to suit all these needs can be difficult but designing a kitchen to suit an environments changing needs is even more challenging.

USM Haller Modular furniture is the ideal solution, storage units and shelving systems can be customised to meet specific needs and then reconfigured if these needs change. The freestanding nature of the units give kitchens a contemporary style whilst offering elegant storage and the perfect setting to showcase kitchen objet.

For more than 50 years USM Haller has stood for timeless design. Its success is due to its simple yet ingenious construction. From a few basic components a beautiful and practical piece of furniture is built which has been designed to grow with its environments ever changing needs whether that is the living room, home office, bedroom or kitchen allowing for individuality and creativity.

The origin of the modularity is a chrome ball joint, from there chrome tubes and metal insert panels allow whatever the user imagines to come to life. There are 14 colours to choose from ranging from a classic white to a vibrant yellow and through to a dramatic black.



Launched on to the market in 1965 the USM Haller system has become a watchword for timeless design all over the world. In 1988 it was decided in Germany for the first time ever that the USM Haller furniture system is a work of applied art and should be protected by copyright. Its acceptance into the Design Collection of the Museum of Modern Art (MoMA) in New York (USA) at the end of 2001 was a high distinction and confirmed the artistic character of the product.

LET'S GET PROFESSIONAL COOKING AT IT'S MOST REFINED

Many professional kitchens and top chefs
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- No over-cooking or burning
- Extends shelf life of food



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and water bath being bought individually

What is sous vide cooking? Firstly the prepared marinated/seasoned food is put in a vacuum bag and sealed by the vacuum packer. It is then immersed in the water bath and cooked slowly and gently in water at a precisely controlled low temperature.



WSV Stir2



WSV 14



WSV28

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BUSINESS IS BOOMING FOR DESIGNER CONTRACTS

It's been a hugely successful year for the rapidly expanding Designer Contracts – the UK's largest flooring contractor.

The company, which has a national network of 12 regional offices and a show home design division, saw a 14% increase in turnover to £34 million for the 12 months to the end of October 2015, compared to the same period in the previous year.

Peter Kelsey, md of Designer Contracts said: "We are delighted with our progress in the past year.

Our national buying power along with our unique regional structure enables us to offer an unrivalled service to both local and national clients.

The company recently trebled its national distribution facility moving to larger premises, increasing its size from 44,000 to 109,000 square feet, with a significant increase in height, offering three times the amount of storage capacity.

It then expanded its regional facilities in North London and Essex and the South West.

Future plans include relocating its North East regional depot and an additional facility in Scotland. Peter said: "The new depots allow us to cater for increased demand in the regions. From our 12

regional centres we service a diverse range of businesses and organisations, covering single rooms to entire developments."

Since the launch of the Home Builders Federation annual customer satisfaction survey, carried out by the HBF and NHBC each year, significant progress has been made by the industry to deliver exemplary levels of customer service, something which Designer Contracts prides itself on providing.

Last year the company made key new customer service support appointments.

The dedicated team of 20 now includes a number of customer service managers, fitters, co-ordinators and administrators across their 12 regions.

The company has also invested in an additional seven vehicles to enable swift inspection and remedial action. It was a great year for Designer Contracts' recycling scheme. The company was awarded 'Take Back Partner of the Year' by Carpet Recycling UK (CRUK).

Louise Abbott, Designer Contracts' merchandise and marketing manager was also honoured with 'highly commended' for Recycling Champion of the Year, which is for an individual who has shown commitment to increasing carpet recycling at their organisation.





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We Build It Ltd are based in the heart of some of Shropshire's most outstanding countryside. As one of the UK's largest manufacturers of domestic sewage treatment plants, we focus on high quality, affordable products. All of our sewage treatment plants are based on the successful and simple extended aeration method. We design, manufacture, install and service the BioPure sewage treatment plant for single houses, small developments up to 55 pe and larger off mains FlowPath treatment plants for rural industrial units, campsites, pubs, hotels, offices, barn conversions and commercial applications. Our products can also be used after an existing septic tank to enable the effluent to be discharged directly to a water causeway, if your existing soakaway has failed.

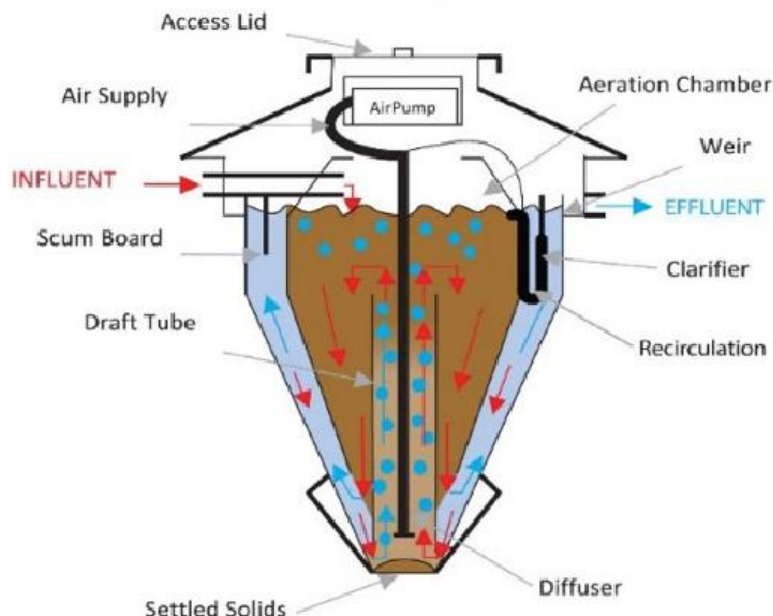
We offer straight forward, easy to follow advice for your

sewage treatment needs. All of our sewage treatment plants come with easy to follow installation and service manuals, as well as free telephone assistance by specialist installers. We can also offer full or assisted installations at very competitive rates. We pride ourselves on offering the best GRP products on the market backed up by proper good old-fashioned customer service - (dial straight through and speak to our specialists, no automated service or queuing system) buying a sewage treatment plant can be quite daunting, which plant is best for my situation?? What are the regulations?? What about the Environment agency?? Etc. but be assured we will be with you every step of the way, making sure you have the right solution designed around your requirements. You deal direct with the manufacturer, with over 25 years waste water experience, 24-7-365 days of the year

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We also offer service agreements, our service agreements not only provide excellent maintenance for our systems, but we also service a variety of our competitor's treatment plants.

