DECO WOOD, part of David Clouting’s LG Hausys vinyl flooring range, combines stunning life-like wood plank formats with the durability and cost effectiveness of luxury vinyl floor tiles.

www.davidclouting.co.uk

Following hard on the heels of the recent launch of its new QI electric shower range and its new Expressions shower tray range with the hidden wastes, leading bathroom and shower manufacturer MX Group.

www.mx-group.com

Committed to exceptional design and quality, Decoflame ApS is since 2007 the recognised trademark for eco-friendly, contemporary bioethanol fireplaces which add a style statement to any interior.

www.decoflame.com

Comar Architectural Aluminium Systems recently completed a Visitor Centre which is part of the Virginia Water Pavilion in Windsor Great Park.

www.comar-alu.co.uk

GLASSOLUTIONS won the £250,000 contract to design and manufacture the (one-way) glass, for each of the two 11.5 metre long walkways on the Grade I listed Tower Bridge.

www.glassolutions.co.uk

If you would like to receive further information about any of the products and services featured in this issue, just email us at info@link2media.co.uk. Type ‘atb414’ in the email title, include the enquiry numbers of interest and your contact details. We’ll do the rest! (If you’d prefer to fax the information, it’s 0845 862 8639, or you can even post it to us!)
Taking residence on the East Piazza at Covent Garden in London is a new and unique artwork which sees a section of the building magically levitate – with one of the key structural elements of the illusion provided by Brett Martin Plastic Sheets.

Modelled on the original architecture of the 184 year old market building, the artwork 'Take my lightning but don’t steal my thunder', has been designed by London artist Alex Chinneck and built by a 100 strong team who have conjured up the illusion that a 40-foot-long building has broken from its stone base and then floated 10 feet into the air with bewildering weightlessness.

With this unusual engineering marvel designed around both weight and aesthetics, the building had to be as light as possible but still look like a stone and brick building. Built from a steel and timber frame, the walls were created using Brett Martin’s Marlon ST Longlife, a structurally strong, lightweight multiwall polycarbonate sheet. Polystyrene was then intricately carved using robotic hot-wire cutters, and glued to the polycarbonate sheet prior to the application of the plaster and granite sand finish to match the existing market building.

Said Alex Chinneck, “With the incredibly generous support of Brett Martin it has been possible to realise my largest and most challenging project to date, a hovering building on Covent Garden Piazza. I think it’s fantastic that Brett Martin have chosen to sponsor, champion and celebrate this project and the art world would be a more exciting place if more companies followed their lead.”

10mm Twinwall Marlon ST Longlife was chosen for the artwork for its exceptional strength and rigidity. Ordinarily used in roofing and glazing applications, the multiwall structure of Marlon ST Longlife provides a very high stiffness to weight ratio. The sheet is strong yet light in weight, a key consideration for this architectural illusion.

With this stunning floating building wowing visitors to Covent Garden, the use of Brett Martin’s Marlon ST Longlife multiwall polycarbonate has played a key role in this magical illusion, demonstrating the product’s versatility and durability in the most unusual of building applications.

For further information visit www.brettmartin.com

Enquiry 2
A Study In Harmonious Design – Yale Bass Library
Is Clear Crittall Prize Winner

Bass Library at Yale University, Connecticut, USA, a state-of-the-art transformation of the prestigious institution’s existing Cross Campus library, has been announced winner of The Crittall Prize 2014.

The Crittall Prize aims to recognise the best application of Crittall steel fenestration in the USA, a market where the British based company, with a history of over 160 years, is a dominant player. Designed by HBRA Architects of Chicago, The Anne T. and Robert M. Bass Library is located beneath Yale University’s Cross Campus and is a multi-million dollar renovation and reconfiguration of the existing facility.

The Crittall Prize judging panel was unanimous in its praise for the project and the architect’s application of Crittall products. Said one judge “The project showcases an astonishing development of the standard Crittall Corporate 2000 system incorporating details appropriate to the historical setting”.

Crittall steel windows comprise one of the defining architectural elements of the Library’s exterior and interior spaces. The company’s products were used for windows and interior partitions where visual continuity was desired but secure separation of spaces and acoustic privacy were also necessary.

The design harmony achieved by the project singled out Bass Library as the clear winner. “The use of bespoke rolled and cast components is well integrated with Crittall’s specialty Corporate 2000 system and successfully ties the new building to a wider context”, concluded the judging panel.

“The combination of steel, red brick and timber forms a palate of durable, appropriately balanced materials that imbue the library with a warm atmosphere, while particularly successful is the introduction of timber doors into steel screens. Overall a coherent and harmonious whole has been created”.

The winning architectural practice, HBRA, receives a trip to the UK, visiting Crittall Windows’ headquarters, as well a unique inscribed Dartington crystal bowl for display in its offices.

The two runners-up in the competition, which were ‘highly commended’ by the judging panel, they were: The George W. and Laura Bush Residence, Texas (Architect David Heymann, Austin, Texas) and Long Branch Residence, New Jersey (Architect WS. Jessup, New York).

The George W. and Laura Bush Residence

This relatively small and sustainable house was designed as a place of ‘concrete experience in a natural landscape’. One room wide, and without internal hallways, the house is wrapped by a 10 ft. deep and 10 ft. high porch, entirely without columns. To move from room to room you move along the porch. There is no step down, only the landscape coming in.

In this house the steel windows are the crucial architectural thresholds. The unusual detail of their interior and exterior installation arises in relation to the extraordinary thinness – and the modernity - of the frames.

The use of Crittall products here were commended as achieving “an elegant balance of strength and performance” and “a clear and coherent balance between, cladding, fenestration and internal sliding screens”.

Long Branch Residence

This private New Jersey Shore home is primarily used as a summer residence. Crittall windows were chosen because of their aesthetic appeal and performance; the house is close to the water and it was important to achieve the wide large sight lines with wide ‘vast openings’ of glass while still meeting extreme wind load and impact requirements.

The judging panel agreed that this project (which was managed through Crittall’s distributor The Robert K. Higgins Company) displayed “a sleek well-proportioned window design creating an elegant yet functional style”.

“Concrete experience in a natural landscape “

The George W. and Laura Bush Residence

Sunken courtyard with view into library.

The George W. and Laura Bush Residence

Interior ‘street’ at group study rooms, glass wall windows (Crittall) provide light and visibility.

Long Branch Residence

Study lounge with courtyard beyond.
Arnold Laver Gold Award Winner 2014 Ditchling Museum by Adam Richards Architects

Ditchling Museum of Art + Craft by Adam Richards Architects has taken the Arnold Laver Gold Award in this year’s UK national Wood Awards 2014 competition – the flagship for wood in the best of British architecture, furniture and design. Announced at the Wood Awards winners’ ceremony hosted by the Worshipful Company of Carpenters on the 18th November in the City of London, Ditchling Museum of Art + Craft in East Sussex won the Existing Building category before being crowned the “winner of winners” in front of more than 200 leading industry and architectural figures.

Chairman of the judges and founder of the Wood Awards, Michael Buckley, said, “The Wood Awards go from strength to strength. This year there were several possible category winners from the outset but the final debate among the judges was not easy. Part of the strength of these national awards is that the panel of independent judges spent 116 judge-days during the summer personally inspecting the short-list in order to ensure we are truly celebrating the exceptions”.

Fellow judge Hugh Pearman, editor of RIBA Journal and architecture critic for the Sunday Times, said, “As the Gold Award winner, Ditchling Museum of Art + Craft sums up perfectly the Wood Awards form and function – a mix of new-build and restoration, of ancient techniques co-existing everything up. It is an exemplary little low-budget rural museum by an architect to note for the future. A mix of new-build and restoration, of ancient techniques co-existing happily with the high technology of today, it adroitly uses a mixed palette of materials and finishes to create a co-existing whole”.

The Wood Awards judging panel includes Hugh Pearman and Eleanor Young of RIBA Journal; Joee Swain of Hopkins Architects, Andrew Lawrence from Arup, Daniel Roeley, Adam Khan, architectural writer Ruth Slavid, timber engineering consultant Nathan Whelan from Ingersoll and craft specialist John Wilkie, and the panel is chaired by Michael Buckley. Sean Sutcliffe of Benchmark Furniture leads the Wood Awards eminent furniture judging panel of John Makepeace, Rod White and Kate Macker.

The UK national Wood Awards category winners for 2014 include The Sam Wanamaker Playhouse at Shakespeare’s Globe Theatre in London by Mc Coy & Co for the Commercial & Public Access Award; House No. 1 by Scott, Scotland by Denton Wells for the Private Structural Award, and the small but perfectly formed Studio in Oxford by James Wyman Architects for the Small Project Award.

In the Wood Awards furniture categories, the Bespoke Furniture Award was won by Bespoke Furniture for the Dickson Poon Centre by Makers’ Eye – “a collective of leading design-makers working in Britain today” – for “tak furniture for the Dickson Penn Centre at St. Hugh’s College, Oxford. This project comprises nearly 200 pieces and was supplied to the sort of quality that tends to come from smaller and bespoke makers. Fowler & Co’s ‘Hat’ Table took the Production Made Furniture Award, which was praised by the judges for its adaptation to the rigours of the production process.

Chair of the Wood Awards furniture judges, Sean Sutcliffe, said, “This has been another fascinating year for the Wood Awards. One particularly interesting aspect has been to look at the understanding developing between bespoke furniture and design for manufacture – to see how exactly designers are growing to understand the simplification of process that is needed for manufacture and how that can be coupled with quality of design, detailing and materials. On the other hand, there is enormous pleasure when one encounters the creativity, aesthetic understanding, craftsmanship and, often, restraint, that goes into the best bespoke pieces”.

Two Judges’ Special Awards were given this year. The first went to JRMM Architects and town for Endless Stair, created in American tulipwood CLT for the London Design Festival. The judges said, “The Endless Stair was a real one-off, a project that combined being an exciting and accessible piece of public art with research into innovative new ways of using a material, adding to the sum of knowledge as well as providing delight”.

The second was awarded to specialist joinery company Jack Badger Ltd for their Hand Carved Gothic doors; two ornate pairs of Gothic oak doors with hand-carved tracery on both sides; constructed using traditional techniques and using 100% oak for the construction, with no glues or screws or modern fixings. Jack Badger worked with its team for Endless Stair, created in American tulipwood CLT for the London Design Festival.

Endorsement of Forest Certification (PEFC) with the Malaysian Timber Council (MTC), and Commission. New from 2014 is the combined sponsorship of the Programme for the Wood for Good. Other sponsors include American Softwoods, BRE and the Forestry Commission.

This year, the Wood Awards was launched at Ecobuild in March, and at 100% Design in September the Wood Awards exhibited a gallery of the full shortlist and the shortlisted furniture categories pieces featured in person.

As the UK’s premier award scheme with over 40 years of supporting excellence in the world’s only naturally sustainable material, the not-for-profit competition is the flagship for wood in the best of British architecture, furniture and design.

The Wood Awards is only made possible by the major sponsorship of the American Hardwood Export Council (AHEC), the Worshipful Company of Carpenters, TRADA and Wood for Good. Other sponsors include American Softwoods, BRE and the Forestry Commission. New from 2014 is the combined sponsorship of the Programme for the Endorsement of Forest Certification (PEFC) with the Malaysian Timber Council (MTC), and the British Woodworking Federation (BWF) as a supporter. The Wood Awards Gold Award is sponsored by Arnold Laver.

For full project information on the shortlist and winners, visit www.woodawards.com
Securkey Simplifies Product Selection With Dynamic New Website

Securkey has launched a brand new website featuring a striking design that is both enjoyable and easy to navigate, allowing visitors speedy access to the wealth of product, installation and lock programming information offered by this leading physical security supplier. One of the most advanced tools offered by the new website is the refined search filter, which allows products to be identified according to criteria that is specific for each range. In the Safes category, for instance, visitors can specify the type of Certificate, Standard, Cash Rating, Locking Options, Height, Width, Depth, Diameter or even the number of shelves needed, leading them directly to the product they need. www.securkey.co.uk

Website Features Hauraton Surface Drainage Projects

A fully integrated DRAINAGE PROJECTS website, www.drainage-projects.co.uk has been activated by Hauraton Limited. Utilising the latest software, the new website can be viewed on all digital devices using responsive technology — i.e. the new website automaticallyresize images and fonts so they can be easily read on I-phone, I-pad, Mac computers, android phones, tablets and Windows computers via the internet. The website also incorporates a Customer Support portal and links to Twitter, Face book, Youtube and Hauraton’s product website www.hauraton.co.uk. The new website headines sector case studies where Hauraton products have been installed, a selection of Latest Projects; projects completed in the last few months, and a Projects Archive; projects completed in the last three years or so. A News Archive is available for the latest company and product announcements. Readers can access the new website via the QR code shown; you will have to download the app application on to your smart device first, to allow access. www.hauraton.co.uk

SilkMur – The ABC Of DPC

Rising damp is a problem that affects buildings each year, particularly older houses where the original damp proof course has been damaged over time. The SilkMur® Damp-Proofing System is the effective three step solution against rising damp, consisting of specially selected limeomcements, cement and air entraining additives. The SilkMur® Damp Proofing system contains three parts, SilkMur® InjectoClean 380, SilkMur® Dry and SilkMur® Finish all of which are moisture vapour permeable, allowing the wall to dry out and prevent efflorescence damage, improve thermal properties and protect against condensation. The combination of these 3 products is the ideal system to protect against future problems so — prepare, inject, coat and finish! www.ovenbuild.co.uk

80 Years Pioneering Steelwork Connections

Lindapter celebrates 80 years pioneering the design and manufacture of steelwork connection solutions and continues to follow the legacy set by founder Henry Lindaper to produce the highest quality steelwork fixings and customer experience. Lindapter specialises in innovative clamping systems that eliminate the need to drill or weld steelwork, enabling rapid steel construction and low labour costs. The vast product range has diversified from the original 1934 invention of the malleable iron hook-steelwork, enabling rapid steel construction and low labour costs. The vast product range has diversified from the original 1934 invention of the malleable iron hook-bolt adapter, or ‘Lindsay Adapter’ and the combination of the two words explains the philosophy to offer an unrivalled technical support service, including free design and installation and lock programming information offered by this leading physical security supplier. One of the most advanced tools offered by the new website is the refined search filter, which allows products to be identified according to criteria that is specific for each range. In the Safes category, for instance, visitors can specify the type of Certificate, Standard, Cash Rating, Locking Options, Height, Width, Depth, Diameter or even the number of shelves needed, leading them directly to the product they need. www.securkey.co.uk

Schiell Angle Valves Gaining Recognition In Progressive Plumbing Applications

While there continues to be differences between water regulations in the UK and our European neighbours, as well as in some of the technologies our respective industries have come to prefer, most experts — whoever they are based — can agree on certain matters of Best Practice. Connecting outlets such as taps and showers to “Loop” or “Serial” plumbing systems by means of angle valves is one such area of consensus.

Angle valves have in fact been regarded as a standard fitting on the European mainland for decades, with Schell GmbH as a main manufacturer having sold tens of millions, suitting various applications. For they not only offer the ability to instantly isolate a tap for maintenance far more easily than our commonly favoured ‘quarter turn’ under-sink valves, but angle valves can also offer temperature or flow control and their use here is now penetrating from tap and specification into the mainstream market.

Furthermore, the concept of connecting outlets to continuous, as opposed to traditional T-piece installations — utilising angle valves — is viewed as an ideal way to prevent the collection and stagnation of water in dead-legs; thus combating the risk of deadly legionella contamination. The importance of avoiding dead-legs has recently been highlighted by one of the country’s biggest plumbing supply specialists, Upnor Limited, which has established a new showroom for its SMARTEnds offering; that also makes exclusive use of Schell’s angle valves for all the connections. For a serial system Upnor’s inverted U SMARTEnds are connected directly one to the next with the highest consumption points (normally the wc) at the end to propagate through flow. www.schell.eu

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Enquiry 8

Young Talent Creates Lasting Accolade For Manufacturing In Chesterfield

To celebrate Frankie Sisson’s 210 years of design, innovation and manufacturing in Chesterfield the company has commissioned a stunning new stainless steel sculpture for the town. Working with the company’s design and engineering apprentices and the children of Pebbles Community School Frankie Sisson’s invited the students to come up with concepts and designs for the project estimated to be worth in excess of £15k.

The final design was formally unveiled this month as part of Chesterfield’s Made in Chesterfield Event. The new sculpture is situated in the pocket-park donated to the town by the District Civic Society.

Managing Director, Andy Dubekows, explains, “The Year 10 students at Pebbles have been wonderfully creative and focused on this project. We wanted something that truly reflects the manufacturing pedigree and history of the area, our own excellence in stainless steel but that most importantly engaged with young people and inspired them.”

Year 10 student from Pebbles Elle Reynolds said “This has been a really creative experience. I’ve enjoyed working in our teams to develop the different aspects of the design.” Bayley Siddall, also Year 10 said “It’s given me a real insight into what I’d like to do in the future.”

Frankie Sisson’s, has a long track record of supporting young people in its business of manufacturing washroom and catering products from high quality stainless steel via a progressive apprenticeship programme. It also encourages youth sport in the area and supports charities locally.

Further information from Frankke Washroom Systems, please request a product guide, price list or individual brochure from emarketing.gp@franke.com. Follow on Twitter @FrankeSissons.

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Enquiry 10

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Spectacular Projects Scoop Top Brick Awards

Two very different projects were honoured at the 2014 Brick Awards which took place in November at the Marriott Grosvenor Square Hotel in London. Three awards were presented to the London School of Economics Saw Swee Hock Student Centre: the Best Education Category, the Innovative Use of Brick and Clay Products and the Supreme Winner, the project considered to be the best overall.

The New Student’s Centre, which is located in London’s “city of bricks”, has provided a light and spacious environment for student life to take place. The exterior used a staggering 175,000 handmade bricks to create both solid and perforated areas, with the latter allowing light to both infiltrate and, at night, filter to a beautifulpattern effect.

Designed by O’Donnell + Tuomey Architects, the building challenges the conformity of bricks and mortar and breaks boundaries at every level. The use of Coloured Brick and Tile’s ‘Season and Wessex Bespoke blend of bricks by Brickwork Contractor Swift Brickwork brings well into the buildings brick surroundings, yet sets it in a strange and captivating way allowing the building to be both rooted and truly individual. The judge called this project a real “Tour de Force and exactly what brick should be”! Its innovation and outstanding quality is seen extensively throughout. This project is brave, ambitious and breaks forward thinking, for brick and for architecture.

The Architect’s Choice Award voted by over 150 registered architects and students went to Rockbourne Mews, a re-development of a difficult urban brownfield site in South East London. Designed by husband and wife team Robert and Jessica Barker, Rockbourne Mews is a small development of three properties constructed by Brickwork Contractor Phase Brickworks, using masonry cavity walls. Wienerberger’s Marziale light coloured stock brick was chosen to complement the surrounding London stock buildings and to create a light and airy feel. Featuring a number of sustainable measures which really impressed the judge, the designs incorporate a high proportion of glazing to solid, providing privacy in places yet openness in others, encouraging a real sense of community. The window openings are framed by slender brick piers, which are braced by the construction of the first floor. All of the elevations and all of the windows were carefully set out to varying brick dimensions creating a dynamic rhythm to the façade.

The steel structure and bespoke masonry supports over the curved roof unite the crafted brickwork geometry of the inclined beams. The result is a very nice sustainable community of homes each one with its own personality but tied together by a common uniform of brick.

Simon Hay, CEO for the Brick Development Association commented: “The Brick Awards is one of Britain’s most respected design competitions. With the construction industry in a phase of growth and optimism, we are delighted to have received so many excellent entries demonstrating just what brick can achieve within the Built Environment”.

You can see pictures and find full details of the project teams on the BDA’s website. www.brick.org.uk/brick-awards
RigiSystems To Market CENTRIA Products

RigiSystems has signed an agreement to market CENTRIA products throughout the UK, Europe and the Middle East. Based in the USA, CENTRIA now also manufactures in other parts of the world and in its 101-year history has grown to become the world leader in exterior metal architectural systems. Products include its Dimension Series insulated composite wall system and its unique Versacore metal coating system (launched in the rest of the world as Versacor). Commenting on the agreement, RigiSystems Managing Director Graham Rankin said, “CENTRIA has a well-proven track record for innovative and successful architectural metal products, and we are delighted that they have chosen RigiSystems to market these products in the UK and Europe. This agreement will allow us to add CENTRIA products to our existing product range.” www.rigysystems.org

International Design Contest Jumpthegap Launches With Inspiring Talk

Encouraging young designers and architects to create and design innovation, sustainable solutions for the bathroom, the sixth edition of the international design contest jumpthegap, organised by Roca and the Barcelona Design Centre (BCD), is being launched at the Roca London Gallery with a presentation from the contest’s UK judge Tom Dyckhoff. An ideal platform for new generations to show their talent and visions for the future, jumpthegap, is aimed at young professionals and students of architecture and design under 35. In order to promote the excellence and talent among budding designers, jumpthegap offers three prizes: two winning projects and one Special Sustainability Prize, which is delivered at the Roca London Gallery with a presentation from the contest’s UK judge Tom Dyckhoff.

James Latham Now Offering Engineered Grandis

James Latham is now offering the Rolls-Royce of Eucalyptus through all eight of its timber depots, with the arrival of Grandis 690+, a WoodEx Engineered Grandis. Fully compliant with EU TRADA legislation and verified by TRADA, Grandis 690+ is exclusively available through James Latham, directly from stock in clear faced lengths of 2.0m – 3.0m and in finger-jointed lengths of 5.9m as well as in various widths and thicknesses.

Trimform’s Aluminium Products Specified For Use In High-Profile London Projects

Metal fabrications specialist Trimform has demonstrated its enviable reputation for producing aluminium products through these being used in several high-profile London developments. The organisation’s materials were specified for the Deloitte in the London Olympic Village and the city’s Shored, the tallest building in the European Union. They are also contained in the gondola stations for the Emirates Air Line Thames cable car project and Westfield, Stratford City, among other prominent developments. Trimform is part of SIG plc, supplier of specialist materials to the construction and related sectors. Commenting on the company’s supply of materials to such prominent buildings, Joanne Grainger, divisional director for central and south-east England with SIG Building Solutions, said: “It speaks volumes for the esteem in which Trimform’s aluminium products are held throughout the industry that installs on all these major projects specified them.” www.trimformfabs.co.uk

Aesthetics, strength and durability are three crucial factors for designers when specifying materials. Grandis 690+ is a unique and versatile Engineered timber, which is also extremely easy to machine, making it the perfect choice for the joinery, furniture making and construction sectors.

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Deco Wood – So realistic you’ll think it’s the real thing

Deko Wood, part of David Clouting’s Lux-Haussen vinyl flooring range, combines stunning life-like wood plant formats, with the durability and cost effectiveness of luxury vinyl floor tiles. Cutting-edge digital imaging technology has allowed LG to create precise, life-like replicas of domestic and exotic wood species. Each image is printed to scale, making it almost impossible to tell the difference between it and the real thing – apart from its price! Deko Wood’s durable, easy-to-maintain surface is designed to withstand the demands of heavy footfall traffic. www.davidclouting.co.uk

Labgrade Laminates A slick solution for oil manufacturer

Labgrade, the decorative high pressure laminate with a solid core, manufactured by Abet Laminati, has been installed in the refurbished Millers Oils laboratories at Brighouse, West Yorkshire. Labgrade, specially designed for use in sterile and hygienic environments, forms a hard-wearing, durable and attractive worktop. With a 35mm solid black core, coupled with a specially formulated chemical resistant decorative surface, it is designed to resist damage caused by most laboratory chemicals. The easy to clean surface complements the core which provides a smooth decorative edge to resist the ingress of dirt and bacteria. It is also well suited in any application where chemical, impact and scratch resistant performance is required. www.labgrade.com

Making the Most of “The Smallest Room”

The Multikwik range of sanitary frames and slimline cisterns assist the design of small bathrooms in two ways. Firstly, they can shave vital centimetres off the space required for plumbing. Secondly, by using wall-hung sanitaryware, it will give an uncluttered, clean look that can provide an airy feel to even the tightest bathroom or cloakroom. In addition, Multibath can offer specialist a range of compact, space-saving cistern options that are so slimline that they will give designers even more bathroom space to play with. The Proteus concealed cistern, for example, is among the smallest on the market. Receivers have been designed into the cistern’s polyethylene body to ensure that connections, buttons and cables can be positioned in the recesses, keeping the installation space required to a minimum. www.multikwik.com

Kemmit Specified for High Flyers Lounge

Lufthansa has opened its own Business Class lounge at London Heathrow’s new £2.5 billion Terminal 2. The lounge is the company’s largest outside Germany and includes: comfort zones, working areas, a business and travel centre as well as seating for over 200 passengers.

In keeping with the high specification of the lounge, architects K2, specified Kemmit’s Prime F-2 cubicle system finished in Graphite Grey for the toilets facilities. Prime F-2 is a durable, smooth-surfaced cubicle system with doors and walls consisting of a 50mm thick composite construction, bonded on both sides with 3mm thick HPL solid core panels. The HPL surface has a special protective layer giving enhanced protection against scratches and abrasions making it ideal for high traffic areas. www.kemmit.uk

Granite Transformations Refaces Linda’s Reclaimed Slate Worktop

Interior designer Linda Barker was instrumental in reinvigorating the public’s interest in home makeovers with the BBC television show ‘Changing Rooms’, which she co-presented for six years, becoming one of the country’s best known designers. Currently, she is presenting Channel 5’s ‘Brand New House For £50K’, which creates stunning transformations on a strict budget, as well as appearing on ITV’s popular daytime series, ‘50 Minutes Makeover’. She has also contributed to programmes as diverse as ‘I’m A Celebrity...’ ‘Loose Women’, ‘This Morning’, ‘Celebrity Come Dine With Me’, and chart show ‘Slava’, as well as being named in PHNY, 100 Smart Women.

With all that makeover know-how, when she wanted to replace the reclaimed slate worktop in her South London home with ‘something bullet proof’, Linda called on Granite Transformations. She was already familiar with their agglomerate work surfaces, having worked with them on ‘50 Minutes Makeover’, and realised that they would be the perfect makeover solution.

The beauty of Granite Transformations worktops in granite, quartz, recycled glass and porcelain is that they are made only as a quartz-tech thick, yet rugged and more practical than natural stone slabs, withstandng heat, cigarette burns, chemicals, spills, stains, knocks and scratches. They also fit right over existing work surfaces, like Linda’s reclaimed slate, with seamless, bonded edge pieces simulating classic deep worktops. The same tough, lightweight material can also be extended upwards, as colour-matched splashbacks.

Spurred by an enthusiasm for recycling and her wish for a distinctive, semi-matt finish, four years ago Linda chose reclaimed slate for her kitchen work surfaces, sourcing the material from an old stonework table and having it cut to size, with cabinet doors inappropriately made from school desk lids. Slate, although aesthetically pleasing and relatively heat resistant, is susceptible to scratches and chips however, so she called on Granite Transformations for a one-off, bespoke design.

The material also carries a lifetime material warranty, underlining the company’s faith in its practicality and durability. Needless to say, the Nero Galaxy finish looks good too, otherwise Linda Barker would not have given it house room. Really.

For further enquiries and details of nearest showroom, contact 0800 044 5393 or visit www.granitetransformations.co.uk. Linda Barker also runs her own online home accessories business at www. reallylindabarker.co.uk

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Introducing Mast Screening And Shelving Systems From The Shopkit Group

Mast is a versatile range of screens and partitions available in different heights, materials and with various fixing options to suit most interior applications including retail, exhibitions, offices, receptions, café’s and domestic installations.

It is elegant and adaptable and has the unique concept of combining the strength and simplicity of rigid posts to support tensioned cables. This then allows the Mast System to provide an easy, cost effective and durable way to create fixed, freestanding and temporary screening/room dividers with a virtually limitless range of shelving and accessories.

The Mast posts are available in various heights and can support single or double cable set ups on one or both sides, allowing for sophisticated combinations of screening, graphic panels and shelving that can be used as stand-alone units or as part of a multi-display system and can easily incorporate Shopkit’s TZ low-voltage lighting range. Retail units / Shop in Shops can be produced from the different Mast systems, with display shelves available in a variety of materials and finishes to co-ordinate with other elements within the retail environment.

Made to Measure and Installation options available
Mast offers a wide standard product range to meet most requirements and Shopkit also offer a custom design / manufacturing service to meet all other individual needs. Delivery and installation is possible on all elements - quotations will be supplied on request. www.shopkit.com

A Burning Passion For Fire

The German premium manufacturer of firing technology Spartherm proudly presents an exclusive range of bioethanol fireplaces branded ebios-fire® which are now also made available for the discerning customer in Great Britain.

Made And Tested In Germany
In order to provide an optimum of customer service, the expansive range of ebios-fire® models comprises both standard and made to measure built-in fireplace models in almost any thinkable layout. Great versatility, highest product safety and outstanding German quality are key values at Spartherm’s production facilities were all ebios-fire® models are originally designed, crafted and tested by passionate, skilled craftsmen. Test certificates issued by TÜV Germany further underline the outstanding safety of ebios-fire® bioethanol fires, which feature a wide choice of manual and automatic bioethanol burners.

Versatility Is Key
The ebios-fire® range of products is available in a vast variety of finishes meeting the requirements of architects and interior designers on an international level.

Please visit www.ebios-fire.com or write to info@ebios-fire.com for further information. Spartherm – The Fire Company – www.spartherm.com

Enquiry 22
Enquiry 23
Committed to exceptional design and quality, Decoflame ApS is since 2007 the recognised trademark for eco-friendly, contemporary bioethanol fireplaces which add a style statement to any interior. Comprising a large variety of both standard and made-to-measure models, decoflame® fireplaces are manually manufactured and tested in Denmark, with no compromise on safety and quality.

Striving to meet the customers’ highest expectations, Decoflame proposes a wide range of fireplaces—wall-mounted, built-in, free standing—featuring either a manual burner or an electronically controlled burner—decoflame® e-Ribbon Fire. The decoflame® e-Ribbon Fire combines facility of installation and operation with functional safety, introducing the joy and warmth of a real open fire to domestic and commercial fireplace applications without the need for a flue or chimney. Featuring cutting-edge technology, this remotely controlled burner can be operated using an App available for both iPhone and Android.

www.decoflame.com

No Chimney, No Smoke, No Mess
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All decoflame® fireplaces can be positioned literally anywhere, since no flue or chimney is needed. Bioethanol has a clean combustion and without smoke, smell and soot emission and therefore minimum maintenance is required for decoflame® fireplaces. www.decoflame.com

Enquiry 24

Enquiry 26

Decoflame Designed Fireplaces
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www.decoflame.com

Enquiry 25

e-Ribbon, Electric Fireplaces
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www.decoflame.com

Enquiry 26
MX Unveils New Thermostatic Mixer Shower Ranges

Leading bathroom and shower manufacture MX Group has unveiled its latest offering to the bathroom sector, an impressive new range of thermostatic mixer shower valves offering its usual combination of incredible quality, great looking product, excellent warranties and keen pricing. The Arias range includes the ‘MX Arias Edge’ with the very latest in contemporary design & performance. With its minimalist look it has the ability to transform the style of a bathroom.

The introduction of MX’s Cool Touch technology is an advanced Anti-Scald Design, another added safety benefit. Many of the new range feature fully adjustable riser rails which make them ideal for new build or replacement shower projects for residential opportunities or social housing shower replacement programmes.

The stylish design of the MX Arias complements the overall value performance of this modern looking shower. Together with the large overhead and multi-mode handset, it captures the essence of an invigorating shower. www.mx-group.com

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Enquiry 27

Altro Whiterock ChameleonTM has been used along with Altro UnityTM 25 safety flooring to create a groundbreaking solution within the new Endoscopy Unit at Mount Vernon Hospital, in Northwood, Middlesex, where infection control and patient wellbeing are paramount considerations.

Bernard Stilwell Architects designed and managed the project. Bernard Stilwell explains the thinking behind the creation of the new unit. “Our brief was to design a self-contained endoscopy unit where patients could relax, receive treatment and recover in a well-structured journey, all within one ward. We have specified Altro safety flooring several times before.

Altro Whiterock was an excellent choice, a good range of colours and the potential for a seamless appearance across a variety of surfaces”.

“Keeping infection out of the recovery bay was obviously a key consideration, so the doors had to be easy to clean with as few joints as possible to reduce bacterial invasion, as well as being tough and impact resistant,” explains Bernard Stilwell. “We wanted to ensure that it complemented the rest of the design and colour scheme of the unit. "Our brief was to design a self-contained endoscopy unit where patients could relax, receive treatment and recover in a well-structured journey, all within one ward. We have specified Altro safety flooring several times before. Altro Whiterock was an excellent choice, a good range of colours and the potential for a seamless appearance across a variety of surfaces."

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Enquiry 28

New Guide For Specifiers Of Blinds

Choosing the right shading product for modern interiors is no longer straightforward and today a specifier needs to know which blinds can help achieve shading and insulation targets for a project, as well as decide between electric or manual control.

Then there is a new 2014 UK regulation concerning blind safety which has to be taken into account. The BLINDS BOOK from Aluzion helps by providing concise information about fifteen different types of blind systems in one A5 book (or download).

It includes maximum sizes, technical information, guide prices and some fabric ranges. Products featured include the COLLEGE blind system for teaching rooms, and the 10 ELECTRIC ROLLER BLIND in matt and battery versions. Copies of The Blinds Book are available from Aluzion.

Enquiry 29

Create A SMOOTH, Surface-Even Finish On Any Project With Geberit Omega60

Featuring beautiful surface-even styling for a seamless finish in the contemporary bathroom, Geberit has launched the Omega60 flush plate, for a beautiful finishing touch to wall-hung sanitaryware. Available in three on-trend glass colours of white, black or umber, or in a high-quality brushed chrome finish if preferred, the Geberit Omega60 measures just 184mm x 114mm ensuring it will fit seamlessly into any bathroom design in more ways than one.

Opening up new design options, the compact nature of the Geberit Omega60 flush plate, coupled with its surface even format, gives designers and architects the opportunity to create luxurious, high-end bathroom spaces. Featuring an innovative installation technique, Omega60 also enables architects to include a surface even flush plate as part of a retrofit project for the very first time.

The flush plate is the perfect partner for Geberit’s newest concealed cistern, the Geberit Duofix Omega, which has a super slim profile of just 12cm, enabling it to fit neatly under a windowsill or a sloping roof. Depending on the construction situation, the flush plate can be attached to the top or front of the cistern for greater flexibility and with no special tools required to install the cistern or the flush plate. Fitting time and disruption are kept to an absolute minimum on all projects.

The Geberit Omega range gives architects and designers exclusive access to a whole new world of creativity in the modern bathroom. www.geberit.co.uk

Enquiry 30

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Enquiry 27
Why Settle For LED Spots When You Can Have Stripes!

The ultimate in uniform light delivery, with a sleek profile and 100% British made, the 8point3 Sabre Architectural LED is proving very popular with specifiers and designers alike. Ideal for accent coving and wall graving in both commercial and residential applications, the Sabre Architectural linear lighting range is available in warm white (2,700K) through to cool white (5,000K) and is dimmable via DALI, 0-10V and DMX.

When lit, Sabre Architectural delivers a glare free, uniform strip of light that is free from the spots and shadows associated with most LED linear strip lights. Sabre’s unique, patented and award-winning remote phosphor technology is what makes this uniform light delivery possible. As well as eradicating light spots, Sabre Architectural is also 30% more efficient than traditional white LED solutions and comes with a 5 year warranty.

At only 19mm deep and 32mm wide, Sabre Architectural is available in bespoke multiple lengths, ranging from 300mm to 5 metres, in 105mm graduations. Thanks to its high luminance values and low surface brightness, Sabre Architectural delivers the ultimate in low surface-glare lighting.

Available, as a global first, in 2700K (warm white) and 90CRI, the Sabre Architectural is also available as 3,000K, 4,000K and 5,000K. The range also has excellent colour rendering (90+CRI for 2,700K and 80-90 CRI for 3-5,000K) and colour consistency (3 SDCM) and delivers high lumen maintenance (L70) over during its 100,000 hour lifespan.

8point3’s Sabre Architectural linear lighting range is 100% British made and comes branded with the official ‘Made in Britain’ marque. Using market leading GaN-on-Silicon MaGICTM LEDs from the only UK LED Silicon manufacturer, Plasey, 8point3 is proud of Sabre’s 100% British credentials. www.8point3led.co.uk

World-Class Base For A Business With World-Class Ambitions

A £19 million investment in a stunning new UK headquarters, incorporating one of Europe’s largest bathroom showrooms, has been designed with flair, innovation and the capability to accommodate future growth. This marks yet another stage in the success story of Bathroom Brands and Crosswater Holdings.

Building an Investment

Lake View House was formally opened by Lord St John of Bletso, marking the start of a day of celebration for employees and their families, suppliers and customers. Lake View House is a totally new building custom designed to meet the Groups precise specifications. Set overlooking beautiful protected wetlands and lakes, the building is designed with a distinctive internal bridge. The bridge runs the full width of the structure and is designed to allow teams from Crosswater and Bathroom Brands to seamlessly link in a creative environment. All 200 employees will be able to work together in a facility that combines efficiency with delightful working conditions that include a café, areas for relaxation, a games room, a playfully themed chill out room called the Man Cave and much more.

Designed by Threefold Architects, Lake View House is situated within The Bridge Business Park in Dartford and is conveniently located at the centre of air, road and rail links, opening up products from Crosswater and Bathroom Brands to a growing international customer base. Truly a world-class building, Lake View House is eco-friendly with an impressive EPC A rating. The total floor area is 129,000 square feet and as well as working space and an astonishing and inspirational gallery showroom, the building includes a 105,000 sq. ft. warehouse that can hold 5,000 different product lines and has 2,500 picking points. Amazingly, the project was completed in just eight months.

Showcasing the Best of Bathroom Design

Within the building there is a 10,000 sq. ft. gallery showroom, where customers can see and touch products. This is not just any showroom. It is one of the largest in Europe, occupying a space as striking as the north gallery of Westminster Abbey. Architects Coppin Dockray designed and created a gallery inspired space that fascinates with products shown in 32 beautifully decorated lifestyle settings. There is a decompression chamber before visitors enter – followed by a stunning movement-activated rainfall shower display. Over 5800 hand blown golden glass baubles suspended at different heights add a touch of magic. Each display has been created to allow for multiple changes – essential to ensure new products are seen as soon as possible. The ambience is one of luxury, quality and innovation. Craftsmen from fields as diverse as boat building, lighting design and jewellery added their expertise, making the showroom unique within the European bathroom industry. The new showroom will be available to retailers, architects, specifiers and designers. www.crosswater.co.uk

Enquiry 31

Enquiry 32
Mega Protects Historic Museum Floor

Founded in 1683, the Ashmolean Museum is the most significant museum of art and archaeology in the UK and welcomes more than a million visitors each year. Oxford based flooring firm, ACH Flooring, regularly recoats the original herringbone floors in the City’s Ashmolean Museum with Bona Mega. Cleverly formulated to use oxygen as a crosslinker, Bona Mega delivers the performance of a two component lacquer in the convenience of a one pack product and is designed to offer high wear and chemical resistance in domestic, commercial or public environments. A sustainable, NMP free lacquer, Mega provides the museum’s maintenance team with a durable, easy to clean surface. Bona Cleaner and Bona Polish are used for ongoing maintenance of the floors.

ACH’s Kevin Smith said “We have been using Bona lacquers since the 1980s when the company’s core products included Pacific One and Pacific Strong. Today we like using Bona Mega for commercial and domestic projects because of its fast drying times, it has no smell, and for the finished look. Also our mops and brushes can be easily cleaned. We’ve been using it now for many years and have never had any problems with it.”

The museum team wanted a soft sheen to the surface so Kevin recommended using one coat of Bona Prime Classic followed by three coats of Bona Mega Silk Matt to achieve this. Bona Mega is available in four sheen levels including Extra Matt that combines a hard wearing surface with a very natural, almost ‘invisible’ finish to the surface.

Bona’s technical team is available for support on site or over the telephone to assist you with your wood flooring project and to ensure the surface meets your client’s aesthetic and performance criteria. The company is also a RIBA approved CPD provider and offer a seminar on how to specify finishes for wood floors. Further information is available at bona.com

Enquiry 34

Mapei Provides Surface Build-Up At State-Of-The-Art Leisure Centre

A high performance ‘single build-up’ Mapei surface system has been installed at West Bromwich’s new state-of-the-art Leisure Centre. Designed and built by Places for People Leisure, in partnership with Pellikaan Construction Ltd and Roberts Limbrick Architects, the new centre for Sandwell Council includes a 25m pool, learner pool, sports hall, fitness suite, dance studios, adventure play area and café. The pool and floor installations were carried out by Buckingham Pools, CJM Tiling Ltd and Phoenix Flooring.

Throughout the extensive project, Mapei systems were specified from the substrate to the finishing materials, in order to provide a warrantable system build-up, with Mapei’s Technical Department assisting throughout. The total application included 800 m2 of concrete floor substrate and 2,200 m2 of tile backer board and rendered walls; Mapei products spanned from screed, render and waterproofing, to various tile adhesives, grout and silicone sealants.

Throughout the pool area, Mapei systems were utilised alongside vitrified ceramic, with porcelain and ceramic tiles installed throughout the remaining ground and first floor areas. Levelling screeds, membranes and waterproofing products installed included:

- Mapei Nivoplan,
- Topcem,
- Ultraplan,
- Maplastic,
- Mapekem Aquapress,
- Mapepox GL,
- Mapeboard and Mapegum BFS. Relevant substrates were primed with Mapei Eco Prim Grip, prior to the tiles being adhered with Mapei Kerflex Plast, Mapeker Rapid Set Fix and Adesilex P9 – and grouts specified included Mapei Ultracolor Plus and Keracolor FF. The tiled finish was completed with Mapesil AC, which formed expansion joints and was used as a general sealant.

For more information on Mapei products and training days, please visit www.mapei.co.uk, email info@mapei.co.uk or tel. +44 (0)121 508 6970. For more information about West Midlands-based CJM Tiling Ltd, please tel. 07970 795617.

Enquiry 33
for London Bridge

For LONDON BRIDGE

Access Covers

Howe Green

Are JUST The Ticket

For LONDON BRIDGE

Howe Green’s high quality access covers have been installed in the concourse at London Bridge Station in a phase of works forming part of The London Bridge Redevelopment Scheme. The installation was carried out by the specialist contractor DMC Contracts Ltd for Costain. Howe Green’s heavy duty 1050 Series access covers were specified and fitted above mechanical and electrical services feeding the ticket line. The run of covers, which spans more than 25 metres, will ensure that when routine or emergency maintenance is needed going forward, gaining access to essential service points will be no problem.

DMC laid the surface of the covers with a ‘flamed pink’ granite paving matching the existing flooring within the concourse and providing an uninterrupted flooring surface for the best possible aesthetic finish.

Howe Green manufactured the covers to order. They were fabricated in 316-grade stainless steel and with a deeper capacity to accommodate a thicker granite floor covering, a standard feature of the 1050 Series.

The panels sit flush with the surrounding floor to prevent slips and trips and are double sealed, ensuring optimum hygiene. Importantly, they are also tamper proof for increased security, an imperative feature in a critical hub location with over 50 million passengers a year.

Making sure the station remains open is one of the key challenges facing Network Rail as the London Bridge Redevelopment Scheme continues. The 1050 Series was designed for the most demanding internal and external environments.

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Hep2O Provides Complete Heating Solution At New York Farm In West Yorkshire

At New York Farm in West Yorkshire, a comprehensive Hep2O underfloor heating system from Wavin has been installed throughout a new-build farmhouse to provide cost-effective and efficient heat distribution and exceptional thermal performance. Located four miles south of Harrogate, the New York Farm re-development includes a new highly-insulated two-storey farmhouse.

When developer Geoff Mountain demolished an ageing structure to begin construction of a new 560m² residential building, he required a high-performance and flexible heating system that would help the new farmhouse to achieve Level 4 in the Code for Sustainable Homes.

“I have been using Hep2O underfloor heating systems for a number of years,” commented Geoff Mountain. “When combined with the other energy efficiency initiatives in place, it has helped the building to achieve the performance required and ensured a very low energy requirement of just 12 – 15 kWhs for heating.”

Built using insulated concrete formwork and with a biomass woodchip boiler, the project’s heating system specification would prove crucial to maintaining these high performance standards. The Hep2O underfloor heating system from Wavin proved ideal, combining high comfort levels and low running costs with a fast, simple and non-intrusive installation. Installed throughout the lower ground and ground floors, the Hep2O underfloor heating system comprises panels, piping, manifolds and heating controls.

Manufactured and Kitemarked to BS EN ISO 21003, and under a Quality Management System which satisfies BS EN ISO 9000 requirements, Hep2O underfloor heating pipe is also covered by a 100 year guarantee against defects in material or manufacturing – offering the client total peace of mind. On the building’s first floor, a series of radiators was installed and plumbed into a Hep2O underfloor heating manifold.

This allows the heating to be zoned as individual rooms to improve the system’s flexibility, improve internal comfort levels and increase energy efficiency to reduce costs. Completing the plumbing and drainage specifications, Wavin also supplied a series of soil and waste systems from its OSPA range.

Dallmer Floor Drains Prove Their Fitness At easyGym

Dallmer has supplied its stylish CeraLine shower channels for a chain of popular private fitness clubs stretching from the capital to the Midlands, being specified for their high discharge rates and excellent installation characteristics as well as their attractive appearance: proving their all-round fitness for purpose.

The easyGym operates 20 venues created by the group, which had previously spread its wings from airline flights to budget hotels. The Fulham gym, with five female and five male shower cubicles, is one of the latest venues to be refurbished. Dallmer was able to supply the CeraLine W2000 units so that they could be finished on site. The latest contract was carried out by main contractor, LoveBuild. Work was completed on schedule, in June, with the design of the rugged, stainless steel and polypropylene drainage channels helping to speed both the plumbing connections and the laying of the floor tiling.

The two metre long sections of channel feature sanded flanges to ensure a secure bond with the under-tile waterproofing layer; while the height adjustable legs facilitate millimetre accurate levelling. As in this instance the CeraLine is normally aligned with the wall of the shower area to remove water effectively from the surrounding floor surface. In fact with water filling to a depth of 20 mm around the CeraLine W2000, the hydraulic design of the Dallmer channel offers a flow rate of 3.4 litres per second compared to just 0.8 litres per second for standard channels.

The CeraLine W2000 can also be laid with temporary blanking plates while the waste water connection is made using a ball-jointed side outlet which is adjustable from 0-15 degrees. A spokesperson for the project team commented: “Dallmer’s CeraLine W2000 channels are ideal for locations like the easyGym changing rooms, where clients expect the facilities to look their best. The CeraLine is simple to work with when positioning and laying the tiles up to their sides, while they also remove water very effectively and are easy to keep clean.”

Dallmer Floor Drains Prove Their Fitness At easyGym

Cantifix Adds a Touch of Glass to Blackwood Farm

Cantifix collaborated with Paul Archer Design to create this stunning curved glass structure - as part of the renovation and extension of a country farmhouse in Lancashire.

Constructed from sections of oversized, curved glass; the structure adds a dining area and separate living space to the property. The curved glass sections are set into a stone base which is built into the landscaping – giving the structure a floating appearance. The 360-degree glass walls provide the perfect spot for the client to bird-watch – as well as to take advantage of the surrounding views. The old well shaft in the floor was also planked to create an interesting feature.

The dining area a glass roof draws in natural light, and its supporting angled glass beams ensure that this light is not obstructed. The glazing is fixed directly onto the stone wall of the farmhouse, which becomes an internal wall for the dining area.

The extension also features two sets of Sky-frame doors and one set of Sky-Frame windows, which lead out from the new rooms onto a patio and seating area – creating a new al fresco dining space. For this listed building.

www.cantifix.co.uk

Enquiry 38

www.wavin.co.uk

Enquiry 39

www.dallmer.com

Enquiry 40
Keyless Entry: How To Make Your Front Door More Like Your Car With Eneo CC

Electronic control for residential doors has been around for some time, but now the Roto Door Safe & range goes further: keyless entry is possible with the Eneo CC system. “Keyless” can mean the unlocking is done via Bluetooth, fingerprint scan or a pin code keypad. It is also possible to have a radio remote control, just like one for the remote locking system on a car.

With Eneo CC, because the system still has cylinder locks on the doors, it is always possible to unlock the door with a traditional key, even in the event of a power failure. Another question might be, “Will I be able to get out if there’s a fire?” Absolutely. The lever handle on the inside has a quick exit function enabling the homeowner to get outside quickly in the event of an emergency. This is designed to work when the door is fully locked.

Eneo CC is designed to be as simple, straightforward and quick to fit as possible. The cabling requires only one routing. Roto’s ‘clip fit’ technology means standardised connectors enable components to be plugged in and connected easily. The door locks and cylinders all use standardised routing dimensions, so there are minimal changes required to the manufacturing process. The ability to upgrade or change things over the lifetime of the door is there. For example, if a client opts against having the radio remote control and then changes their mind, it is easy to provide one because the radio receiver is built into every drive unit as standard. It is possible to have up to 31 hand-held transmitters working with one door: more than enough for the family, and well within the requirements of most small businesses and residential homes too.

If a transmitter is lost or stolen, the other receivers can be quickly reprogrammed to ensure the missing one can never be used to open the door. With 66-bit encoding and a ‘rolling code’ system, which means the signal cannot be grabbed electronically and used by a thief, the hand held transmitter is a highly secure and convenient option. Find out more about Eneo CC access control systems, including the PIN code, fingerprint scan and Bluetooth options on the Roto website at this link: http://ftt.roto-frank.com/gb/products/product-view/detail/roto-safe-e/eneo-ccc-access-control-systems-1044/

Enquiry 43

Hörmann’s Most Innovative Garage Door To Date

The latest advances in garage door technology can be found in the side-sliding HST sectional from Hörmann, which offers unique features for special fitting situations.

For a style statement that offers the best security, or if headroom is limited, the HST is an ideal fit. The side-sliding doors quietly and ever-so-smoothly recess into tracks along the garage wall, offering an excellent alternative to the traditional sectional door. Precise and easy door travel is achieved with Hörmann’s unique twin rollers, which make the HST the most stable side-sliding sectional on the market.

The open-ended aluminium floor rail is easy to keep free from leaves and debris, all while guiding the door panels safely and securely – an essential feature for both the manual and automated versions.

Not only is Hörmann’s HST innovative in its design, including its multiple security and safety aspects, it is also the garage door that uses the world’s first handle activated, automatic wicket door function. This unique feature means that a simple press of the handle or handset will open the door to a selected point. Therefore, an alternative separate pedestrian entrance is created, giving the end user the ultimate in convenience.

Naturally, a wide range of decorative options are available, from windows and frosted glass elements, to textured surface finishes and assorted handles – all of which can add to the door’s visual appeal and kerb-side credibility.

Whatever your design challenge, Hörmann has the products, expertise and knowledge to deliver the perfect style of garage door, whatever the budget. For more information, contact the service team on 01530 510 888 or visit www.hormann.co.uk

Enquiry 41
Feel The Difference With New Dekordor Oak 3D

Vicaima’s highly tactile Dekordor 3D range of embossed face finished doors has really made a big impression with specifiers. Now the existing range of 4 colours has been extended to include a popular Oak 3D design, providing even more choice for interiors. Dekordor 3D presents a duration yet highly attractive design with real uniformity of colour and texture. The 3D range can be supplied edge banded with the same embossed finish, making it a focal element when supplied with a matching 3D Portoro door and frame system. In addition to the new Dekordor 3D line, the range includes white, black, grey and camel colours, providing plenty of scope for contemporary design. For even greater design flexibility doors can be enhanced with geometric grove patterns, contrasting satin inlay and glazing to make optimum use of borrowed light. www.vicaima.com

Enquiry 44

Comar Systems Are A Welcome Visitor

Comar Architectural Aluminium Systems recently completed a Visitor Centre which is part of the Virginia Water Pavilion in Windsor Great Park. This new building occupies a prominent site within the Grade 1 listed Royal Landscape in Windsor Great Park. Its canopied form frames the view of the lake and the achitectural form of the building and its terraces overlook the lake and facilities include a kiosk selling refreshments, public toilets and staff facilities. Comar 3 ground floor framing was selected which incorporates the Comar 7AT sliding doors which specified for the main entrance. For safety, the Comar 7AT commercial doors were fitted with Anti-Finger Trap slats which were hung directly from the Comar 3 ground floor framing. www.comar-ac.co.uk

Enquiry 45

Tormax Access For World-Class Theatre

As part of a significant refurbishment, TORMAX recommended installing two of their iMotion 1401 concealed operators to automate a double set of glass swing doors that welcome visitors into the impressive Sadler’s Wells theatre, Islington. Uniquely designed with no abrading parts, the powerful synchronous motor allows the motor to be neatly located out-of-sight under the floor. This has allowed a truly minimalist, full-glass entrance to be created within the theatre’s contemporary façade.

Working closely with specialist fit out and refurbishment contractors City Square Ltd, TORMAX recommended their concealed door operators as the ideal solution for this busy, modern building. The unprecedented build quality has resulted in a range with maximum stability and strength, increased sound proofing and reduced heat loss. They are available in attractive glazed options, allowing the opportunity to enhance darker tones and living in natural light into the home. Certified fire doors and fully finished door and frame system. In addition to the new Dekordor 3D Oak, the range includes white, black, grey and camel colours, providing plenty of scope for contemporary design. For even greater design flexibility doors can be enhanced with geometric grove patterns, contrasting satin inlay and glazing to make optimum use of borrowed light. www.vicaima.com

Enquiry 46

The Premium Door Collection, A Remarkable New Range From Premdor

When Premdor discovered a new market opportunity for a range of high quality internal and external doors, the company’s Research, Development and Design Team created the inspirational Premium Door Collection.

Reflecting Premdor’s commitment to excellence, the new collection is presented in Oak for internal doors and Oak or Pine for external doors. The range comprises over fifteen striking design options for external doors and over eighteen exciting internal design styles, with both ranges offering traditional and contemporary profiles. For even greater design flexibility doors and frame system. In addition to the new Dekordor 3D Oak, the range includes white, black, grey and camel colours, providing plenty of scope for contemporary design. For even greater design flexibility doors can be enhanced with geometric grove patterns, contrasting satin inlay and glazing to make optimum use of borrowed light. www.vicaima.com

Enquiry 47

ESG Switchable™ ID – Exclusive LCD Privacy Glass

When most companies think about branding, they think of the internet, magazines and billboards, with the work place more often than not even overlooked. This internal branding is not only an integral part of brand building to any visiting client, but also key in helping turn your employees into brand champions who help to grow your companies reputation.

ESG, the UK’s premier manufacturer of controllable glass solutions, as part of their next generation of LCD Privacy Glass, have taken corporate branding to the next level with the latest edition to their hugely successful ESG Switchable™ range of LCD Privacy glass. Until now, all switchable glass has consisted of switchable panels that can only be switched simply from optically clear to opaque. However using the very latest manufacturing techniques, ESG are now able to create logos and wording within their switchable glass panels. This means that their ESG Switchable™ ID range can only be operated as standard LCD privacy glass but can now also display the inserted design as opaque if the panel is switched to clear. The design can be virtually any image and can be displayed in both the clear and opaque state.

This new range is powered by ESG’s new fully redesigned and patented (pending) control box. The new ESG Switchable™ HD box is designed to make installation easier with its colour coded plug and play wiring system and is fully CE Certified. It comes with a host of new features, such as LED Preservation mode, LED Flashing Protection circuitry and RBG synchronisation; these features are unique to the ESG Switchable™ controller, and therefore can be found across their entire ‘next generation switchable glass range’. To find out further details of this exciting new range please visit www.esgswitchableglass.co.uk or call 0121 740 0201.

Enquiry 48

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In Keeping With Tradition

Tradition was the name of the game for Paddock Johnson Partnership Architects, when they were charged with restoring and converting a grade two listed building in the historic village of Port Sunlight, Merseyside. It was because of this that the company opted to specify Rosemary Clay Classic roof tiles, Arts Hip Tiles and slate Valley Tiles from Redland when it came to replacing the roof. Methodist Hall had fallen into serious disrepair when Port Sunlight Village Trust decided to have it converted into luxury one and two bedroom apartments and give the building a new lease of life. The tiles combine the quality of handmade clay tiles with the benefits of modern day machinery. www.monier.co.uk

Enquiry 49

A New Tradition

Building a modern house with a traditional exterior is no easy feat, but that didn’t stop housing developer Kirby Homes from taking on the task in the historic town of Halesowen. The project involved the development of six luxury homes using Redland’s Rosemary Clay Craftsman roofs. Kirby Homes specified the Craftsman tile because of its ability to blend in with the traditional houses in the surrounding area whilst still being hardwearing and long lasting. The land that the houses are built on used to hold a printer factory and several other disused buildings that had fallen into disrepair; the area was in desperate need of renovation. The land was key to the highly sustainable design and with an installed growth this year in addition to Metrotile’s continued success in other roofing sectors including private and local authority homes and retail & leisure. www.metrotile.co.uk

Enquiry 55

Jet Cox Shines On Lady Margaret School

Established almost a century ago, the Lady Margaret School in West London continue to serve the community and has recently been expanded, with over two dozen rooflights of different types from the Jet Cox range bringing natural daylight to the teaching spaces. Rooflight manufacturer, Jet Cox supplied 28 Cox Glasslights to Anglian Architectural – the specialist sub-contractor on the project, bringing natural daylight to the teaching spaces. Jet Cox supplied 28 Cox Glasslights to Anglian Architectural – the specialist sub-contractor on the project, bringing natural daylight to the teaching spaces.

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Enquiry 56
Leading cladding manufacturer Carea has supplied over 3,000m² of its Acantha cladding to The College Merthyr Tydfil – a £33 million state-of-the-art building which marks the beginning of a new chapter in the educational history of South Wales. Designed by RMJM Architects and built by Interserve, the College forms a key part of the Merthyr Learning Quarter (MLQ) project – a Welsh Government-funded scheme to radically improve learning and employment opportunities in the region.

For the new building, a cladding system was required that would complement the project’s contemporary architecture. Installed by specialist contractor Massey Cladding, the entire structure was covered in striking Acantha panels – perfectly demonstrating Carea’s ability to create stylish, modern buildings.

Carea-Acantha composite stone panels are designed for building ventilated facades with insulation and non-ventilated facades without insulation. Available in a range of colours, textures and sizes, the panels were supplied in Opaline 9029. These were then installed in alternate horizontal bands to create a modern, attractive finish in line with the overall contemporary aesthetic. Installation is quick and simple too with the Carea facade system, as each panel is supplied with specialised horizontal rails that fit onto vertical cladding supports. With precisely routed grooves on the top and bottom, the simple fix provides a totally seamless finish to maintain the stunning appearance of the project. Whilst providing improved aesthetics and excellent resistance to damage, the sustainable system is also manufactured using around 95% natural minerals for superior environmental performance. Carea cladding can help buildings to optimise their thermal efficiency to achieve the high standards of modern building regulations.

For further information visit: www.carea.uk.com

Enquiry 57

Carea In A Class Of Its Own At Methyr Tydfil

Thermoblock Offers The Right Formula For Autosport Test Facility

The construction of an advanced new testing facility for motor sport engines in Wales features the use of Marmox Thermoblocks at ground floor level, specified in order to help comply with the latest edition of Part L to the Building Regulations. The Sports Engine Testing Facility at the University of South Wales Pontypridd is being built by Willmott Dixon Construction Limited working as main contractor.

While the 1,000 square metre, two-storey structure utilises a steel frame, the exterior walls are being raised in cavity blockwork with the Marmox Thermoblocks in two different thicknesses sandwiching both the inner and outer leaf. Developed specifically to deal with the issue of thermal bridging, but able to carry full structural loadings, the specialist units have been supplied through the local Jowson Builders Merchant for installation by the groundworks sub-contractor. 200 of the Thermoblock 140 mm size variant were laid as the perimeter to the ground-bearing reinforced concrete slab; virtually eliminating heat loss at this critical wall/floor junction.

Then a similar number of 100 mm wide Thermoblocks form the bottom course to the outer leaf. Each block features a layer of alubond-resistance fireproof moulded into the top and bottom faces in order to provide a strong bond with standard sand and cement mortar. The stepped and joints to the blocks though are formed using Marmox Acrylic Sealant to help create an additional horizontal moisture barrier. The individual blocks are formed of XPS which has a lambda value of 0.033 W/m²K, containing a series of load-bearing concrete columns to transfer and distribute the weight of the masonry above.

Thermoblock Offers The Right Formula For Autosport Test Facility

A spokesperson for the project design team commented: “Countering linear thermal bridging at the perimeter of the floor construction is a crucial aspect of compliance with the latest versions of the Building Regulations for non-domestic as well as residential properties, and the Marmox Thermoblock offers an ideal answer to the challenge. They achieve the required ps1 value while being both robust and simple to install.”

Enquiry 58

Enquiry 59

While these cut heat loss by between 35 and 55 per cent, utilizing Thermoblocks can reduce CO2 emissions still further to between 60 and 90 per cent, offering an important contribution to the points required in SAP calculations. Crucially, being able to employ a defined, very low thermal transmittance – derived by thermal modelling or measurement – achieves a far more advantageous result than adopting the ‘default’ figure offered in SAP. Using standard ACDs will add a heat loss of 0.08 Watts to the U-values for a property, while Enhanced Construction Details can cut this to 0.04 Watts; but incorporating Thermoblocks can bring this right down to 0.03 Watts or less.

The same principle applies to the European Passivehaus standard or the recently launched Fabric Energy Efficiency Standard (FEES) which the Government is now promoting as the route to achieving Zero Carbon construction. www.marmox.co.uk
WW2 Veteran Leads The Way To A Sustainable Future

A former WW2 pilot and self-confessed ‘gadget man’ has shown the way to a sustainable future with the installation of a hybrid Ecodan Air Source Heat Pump (ASHP) to work alongside his existing boiler. Mr Durward of Newark, loves the Ecodan to reduce the heating bills for himself and his wife with the installation of an 8kW Ecodan monoblock ASHP and packaged hydronix they will also qualify for payments from the Renewable Heat Incentive.

At the same time as installing the Ecodan unit, the Durwoods had an upgrade to a new high efficiency condensing boiler fitted. However, this has had such little use since the introduction of the heat pump that Mr Durward received a call from his utility company, which believed there might be a mistake due to the low energy reading.

QuanteC HR28C
Boiler From Johnson & Starley

The Johnson & Starley QuanteC HR28C, combi high efficiency condensing boiler with passive flow gas heat recovery (PFGR) makes it not only arguably the most efficient boiler available on the market but also the smallest. The QuanteC requires no extra space and will replace any gas condensing boiler. The QuanteC boiler with PFGR represents the most efficient way of recycling heat and offering optimum energy efficiency. It also gives DHW (Domestic Hot Water) efficiency levels never achieved before within combi boilers with the addition of a pre-heating sanitary water function.

The QuanteC boiler provides domestic hot water (DHW) at 15°C and supplies water at a minimum temperature of 80°C to the Aquair 10 and, using energy efficient EC fan technology, is drawn through the heat exchanger and air filter before being emitted into the kitchen, hallway and living areas.

Pureau Ion Exchange Saltless Water Softener

The Pureau range uses traditional ion exchange resin to produce superb, soft water for household or commercial use.

The 3 models (Eau 1, Eau 2 and Eau 3) range from 20 litres per minute and are suitable for both gravity and pressurised water systems. As the systems are cartridge based maintenance is simple. The main cartridge lasts an incredible 36 months, the carbon pre filter cartridge lasts 12 months and the post filter cartridge will last for 2 to 3 months depending on hardness levels.

The Pureau range has been specifically designed to meet the demands of providing a water softener without the use of salt that provides softer water to the touch. Pureau water treatment systems remove a high percentage of scale forming minerals. Water readings of under 100ppm is considered soft. Magnesium and calcium in the water is essential for good health so Pureau systems do not remove it all, just enough to bring it down to accepted soft water levels.

The systems do not waste water or require a power source or drain. There are 3 models which will treat water flows of up to 70 litres per minute and are suitable for both gravity and pressurised water systems, they are also suitable for combination boilers. As the units do not add sodium to the water they can be used with properties with specific tasks.

Pureau systems incorporate a raw water feed which ensures trace minerals are left in the water for health, they also provide the perfect water for ice making, tea and coffee.

Hydronik Systems
PALERMONT FORT

The famous Palermo Forts arranged along the South Coast of England were built to be solid enough to resist invasion by Napoleonic forces, but the resulting thermal mass and exposed locations make them very hard to heat. It is, however, a challenge that has been effectively met using a selection of products from Timoleon’s Hydronik range linked to a hybrid renewable energy source.

Fort Albert on the Isle of Wight was completed in 1856 to defend the Needles Passage, which gives access to Portsmouth with its logistical challenges of this installation within a building, which requires respect for payments from the Renewable Heat Incentive.

Across the ground floor, the entrance hall, sitting room, dining-room and kitchen, Wetherick Plumbing & Heating installed both ToronFloor Suspended and ToronFloor Batten, with LowBoard™ emplaced across the concrete slab within the area of the old look-out tower. These were connected up via two Axios manifolds: the first feeding a dozen loops containing almost 700 metres of pipe, while the second had a further 60+ metres in eight loops. Up on the first floor, a further two manifolds feed the underfloor heating in five bedrooms and varying sizes of bathroom all using ToronFloor Suspended. Here nine loops are connected to one manifold that features just two loops with 125 metres of pipe, while the second feeds nine smaller loops running for over 400 metres.

Although it was the builders who fitted insulation between the joists to help ensure the efficiency of the heat transfer to the rooms, B J Wetherick’s engineers took just four days to install the 1800 metres of pipework and other components from the three Hydronik systems. They also connected the underfloor networks to the hybrid heat pump and solar system on the fort’s roof. Given the technical and logistical challenges of this installation within a building, which requires respect for historic monuments, Fort Albert stands as a landmark installation for the Hydronik systems and Timoleon’s expert support services.

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Euroheat Launches New Range Of TMVs

As a recognised innovator and market leader in the field of Thermostatic Mixing Valves (TMVs), Pegler Yorkshire has once again responded to changing market needs to deliver a new Pegler thermostatic valve range that truly offers a wider, more efficient choice. The TMV3 and TMV2 schemes. www.pegleryorkshire.co.uk

EUROHEAT HELPS HISTORIC BUILDING TURN GREEN!

Get Long Term Thermal Insulation With Everbuild Thermofoam

Heat can escape from buildings through windows, doors and other wall break through points, wasting energy and reducing efficiency. Thermofoam is a new, highly flexible PU expanding foam from Everbuild, specially formulated to absorb movement, giving an air tight seal to reduce heat loss and in turn improving energy efficiency in buildings. The powerful bond strength and flexibility of Thermofoam gives excellent long term thermal and acoustic insulation by inhibiting cracks from occurring during the construction of building materials in areas such as around window and door frames, giving a hermetically sealed barrier. Thermofoam is available in 750ml tins and is compatible with the Everbuild range of foam applicator guns to give the user more control to apply the foam in hard to reach places.

www.everbuild.co.uk

UK’S BIGGEST HEALTHCARE PROJECT TO BE BUILT OFF SITE – ‘A FANTASTIC BUILDCONDELIVERED IN AN UNREAL TIMESCALE’

The UK’s largest and most complex modular building project to be built in the health sector has been handed over and opened on time despite a challenging programme. The new Morden and Children’s Centre at North Middlesex University Hospital was constructed by principal contractor Kier Construction using a Yorkon off-site solution from the Portakabin Group. The £17.9m contract, which was procured under the PreCare2 framework, involved the off-site manufacturing of the building at the Portakabin Group’s production centre in York. The centre was built to accommodate the increase in maternity patients and around 2,000 additional births in North Middlesex. It forms part of a major reorganisation of hospital services in the borough of Barnet, Enfield and Haningey. The architects and project managers were AHP Architects & Surveyors. The Yorkon off-site approach radically reduced disruption to patient care and the build programme to ensure the newly built facilities became operational in line with the Trust’s clinical strategy and prior to seasonal winter pressures.

Catherine Barns, Senior Project Manager at North Middlesex University Hospital NHS Trust, said: “The extremely challenging timeline for this project, we needed to look at more innovative methods of procurement and construction. By using an off-site approach we were able to deliver a fantastic building of this scale, on time and in an unreal timescale, which was a tremendous achievement for the Trust, Kier and Portakabin. The partnership between the users, Kier and Portakabin has worked very well, and in particular the flexibility shown by Portakabin in the face of changing healthcare requirements. Other health professionals from both the UK and internationally, who have visited the building since its completion have been very impressed by our new facilities; staff love its functionality and efficiency, and patients have liked it so much that they have stayed on in their rooms.

Simon Ambler, Director of the Portakabin Group said, “This is our fourth project with Kier and our largest ever contract for a single building. Its complexities demonstrate just what is now achievable with an advanced off-site solution, in a short timescale, and on an extremely busy hospital site.”

The building accommodates a consultant-led delivery unit with additional high dependency beds, two obstetrics theatres, a neonatal unit, trauma centre, women’s outpatient department, and a middle-led birthing unit with four birthing pool rooms. A roof top plant room is located on the second floor. The external appearance of the scheme reflects the design of the adjacent facilities and features rendered façades, ribbon glazing around the perimeter of the first floor, a large atrium entrance spanning two storeys with light wells providing further natural daylight inside. There is also full height glazing to the stair towers on each of the two wings and large projecting window bays provide a visual contrast to the rendered finish across the building envelope. The project is targeted to achieve a BREEAM ‘excellent’ rating and has a number of sustainability features including a biodiverse green roof with a variety of meadow flowers to create a nature reserve, photovoltaic panels above the plant room, and an energy-efficient combined heat and power system.

152 steel-framed Yorkon modules up to 18m long and weighing up to 18.5 tonnes were craned into position in just 28 days. A 500-tonne crane was used for this operation which took place within the hospital grounds and in close proximity to existing facilities that remained in use throughout. The units were installed partially completed with window frames, first fix electric, HVAC ducting, plumbing, and a high performance concrete floor.

The Portakabin Group has an extensive track record in the healthcare sector, having completed a wide variety of bespoke building projects using Yorkon off-site solutions, including ward extensions, self-contained theatre blocks, emergency care units, haemodialysis centres, offices, community clinics, and complete hospitals, delivering all the advantages of off-site construction.

For further information about Yorkon off-site building solutions for hospitals and clinics, call 0845 2000 121, email contact@yorkon.co.uk or visit www.yorkon.co.uk

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Warm Welcome for Frosty Carrina

When it comes to achieving wow-factor, there can be no doubt that this month’s case study does it on a number of different levels. But most impressive of all, is the master class it delivers in how to create the ultimate family-friendly, yet beautifully contemporary kitchen-come-living space. And, although we say it ourselves, key to this stunning, yet highly practical room is its specification of one of Caesarstone’s newest, yet most popular colours, Frosty Carrina 5141.

The kitchen designed by St Peter Port of Colchester needed to fit with Considerate Building’s overall vision and concept for the new ground floor space and with surfaces fabricated and installed by Maldon’s Marmi, the kitchen has become the eating, living and entertaining hub of a fabulous home in Golders Green, North London. A family space to be used and enjoyed, St. Peter’s Port and Considerate Building have deployed a skilful and sophisticated blend of natural materials and texture.

St Peter Port’s Terry Lowe, “The homeowners working with Considerate Building wanted a contemporary kitchen, but one that wasn’t devoid of life or character. We tempered the simple white cabinetry with considered details such as the wooden stools, a bank of dark wood wall cabinets and the bleached oak kitchen table. The choice of Caesarstone’s Frosty Carrina, which recreates the beauty and tactility of carrera marble amazingly well, proved to be spot-on. It wraps around the kitchen’s peninsular unit and is so easy to keep in pristine condition – which is always a must for busy, family kitchen spaces. Overall, the family are delighted with their kitchen; it really is a proper ‘hub of the home’ and it is in no small part thanks to the use of Caesarstone’s Frosty Carrina that the space manages to be both stylish and practical.”

A glance at one of the kitchen’s luxurious flat panel radiators, bursting with colourful magnetic letters and children’s artwork, tells you this is a kitchen – and a building company – that has ‘kept it real’. Much, in fact, like Caesarstone’s Frosty Carrina. Recreating the appeal of marble, but with none of the drawbacks, this is a surface that looks sensational, yet that is wonderfully versatile. 

www.caesarstone.co.uk
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Mapei Floor System Provides Peak Performance At Sporting Trio

Mapei floor systems have been installed at three leisure complexes, in Fife and Aberdeen. They include a new £13M regional sports academy in Glenrothes - The Michael Woods Sports & Leisure Centre, Kirkcaldy Leisure Centre and the new Aquatics Centre at Aberdeen Sports Village. All Mapei products were installed by Architectural Ceramics for main contractor, GRAHAM Construction.

Located on the former site of Fife Institute, The Michael Woods Sports & Leisure Centre provides competitions-standard facilities for community use, including extensive swimming, dryside and outdoor amenities. Nearby, Kirkcaldy Leisure Centre includes swimming, gym and dryside amenities, as well as a multi-activity children’s play centre. The largest complex - Aberdeen Sports Village - is a premier sport and exercise centre, that hosts a range of world-class sporting facilities.

The floor specification at Glenrothes and Kirkcaldy included Mapei Mapescreed 704 and screeds containing Mapei Topcem binder; a high performance, fast-drying hydraulic binder which reduces installation time to 24 hours for ceramics and two days for stone tiling. Mapei Mapeprim SP synthetic resin-based and solvent-free primer was then applied. Mapei adhesives - Keraclick, Keraflex, Kerapoxy and Adesilex P9 - were used to bond a variety of ceramic surfaces, throughout wet and dryside areas, at all three centres. Mapei Ultracolor Plus - a fast setting and drying flexible grout - was then applied, providing anti-efflorescence, water-repellent and anti-mould properties essential in a leisure environment.

For more information on Mapei products and training days, please visit www.mapei.co.uk

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For a new £60 million hotel development in Bournemouth, the management and control of surface water required a proven long term solution which could work on a challenging sloping site. AquaCell Prime, a preformed stormwater management unit from Remmers, the UK’s leading manufacturer of plumbing, rainwater and drainage systems, was up to the challenge. Set to be the first five star hotel in Bournemouth, the new 13 storey Hilton Hotel has been designed by Cube in association with White Ink Architects and consists of a 172-bedroom hotel and a 37-storey residential apartments above. In addition, there will be an 8-storey 120-bedroom Hampton by Hilton complex as well as 45 apartments with a 3-storey deep, underground car park and associated landscaping. In order to manage surface stormwater on the sloping site, main contractor McAleer and Rushe Group worked with Wavin on a design which incorporated the AquaCell Prime system to help reduce the risk of flooding. Manufactured from specially reformulated, recycled material for trafficked and deep applications, more than 600 AquaCell Prime units were specified below a restaurant, terrace and entrance café area in order to create a 160m² cellular attenuation tank for surface water in the event of any excessive surface water run-off due to torrential rain.

Wavin Drainage Solutions Find Room At Landmark £60 Million Hilton Hotel Development

The main production area of the Express Contract Drying installations was assigned to Create five life size pre-fabricated installations was assigned to create five life size pre-fabricated installations which has been inserted into the floor of each of the two 11.5 metre long walkways on the Grade I listed building. The existing floors were removed and a steel frame was installed into which the new 80mm thick glass floor panels, comprising seven layers of glass capable of withstanding the weight of six elephants, were inserted.

GLASSOLUTIONS was invited to design and manufacture the (one-way) glass, which has been inserted into the floor of each of the two 11.5 metre long walkways on the Grade I listed building. The existing floors were removed and a steel frame was installed into which the new 80mm thick glass floor panels, comprising seven layers of glass capable of withstanding the weight of six elephants, were inserted.

When visiting Tower Bridge can see a unique view of the bridge mechanism and road below – through two new glass walkways 42 metres above the River Thames. The UK’s largest processor, distributor, installer and repairer of glass and glass systems GLASSOLUTIONS won the £250,000 contract to design and manufacture the (one-way) glass, which has been inserted into the floor of each of the two 11.5 metre long walkways on the Grade I listed building. The existing floors were removed and a steel frame was installed into which the new 80mm thick glass floor panels, comprising seven layers of glass capable of withstanding the weight of six elephants, were inserted.

The glass specification was developed to accommodate major external forces such as wind loading and the potential impact should a passing vessel strike the walkway. Equally important though was consideration of internal impacts on the glass floors and how to design-in a way to easily repair any damage that results from the heavy footfall of 600,000 visitors a year.

The solution developed by GLASSOLUTIONS was to incorporate a top “sacrificial” layer of glass into the panels. This can be replaced quickly and easily should any damage occur – including the minor scratches and scuff marks that are inevitable over time – without affecting the structural integrity of the floor.

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This innovative design has already demonstrated its value with a breakage in one of the panels occurring when a heavy item was accidentally dropped on the new walkway’s opening fortnight. GLASSOLUTIONS was able to respond immediately and replace the sacrificial layer from stocked spare glass panels within 48 hours to help the venue get back to full operation quickly. It did its job perfectly in that it prevented any cosmetic damage to the main structural part of the glass floor, which in a conventional design would have been far more costly and time-consuming to replace.

Chris Earlie, business manager at Tower Bridge said: “There has never been anything as big as this for Tower Bridge in terms of development, and in terms of future-proofing in the exhibitions. On the basis of this project, I would have nothing but glowing reports on GLASSOLUTIONS. I would definitely recommend them.”

Simon Carin, managing director of Glassolutions, which is part of the international Saint-Gobain group said: “The glass walkways are designed to enhance this already stunning visitor attraction and have certainly created a new talking point. This project is similar to the glass floor installations Saint-Gobain has been involved with at the Eiffel Tower in Paris and the Spinnaker Tower view decks in Portsmouth. It’s a privilege to be part of such a landmark project and we’re delighted that our expertise has made it possible.”

With a wide variety of events and functions held on the walkways, another dimension to the glass panel design was to maintain privacy for venue users when necessary to prevent prying eyes from the passing traffic and pedestrians on the bridge below. The clever panel design allows for this too, which means GLASSOLUTIONS can replace the top layer of glass at any point to incorporate a privacy feature – and remove just as easily. www.gllassolutions.co.uk
Neaco’s Expertise Meets Demanding College Specification

NEACO’s expertise in the education sector was put to good use for a demanding specification at Hymers College in Kingston-upon-Hull, where the company’s Spectrum balustrade was extensively installed within a new state-of-the-art music facility.

Built by Hobson & Porter, the £1.6 million scheme includes practice rooms, teaching space and a recital hall sized to accommodate a full orchestra. It is described as being more like an art gallery than a university department.

The potential noise pollution from the large open spaces needs a fast manufacturing turnaround and installation which Neaco provided comprehensively with site survey, design and installation. The panels are made from 100% natural wood fibres. Their benefits include high sound absorption, high durability, natural breathability, low cost life cycle performance and sustainability.

Serving the newly refurbished British Transport Police Block: A 1200kg, 16-person, single-entry, 2-stop passenger lift.

Serving Platform 7 and the main concourse: Removing the existing passenger lift and replacing it with a 3000kg, 40-person, single-enclosure, 2-stop passenger lift.

Serving the newly refurbished British Transport Police Block: A 6500kg, 9-person, through-car, 4-stop passenger lift.

Serving the new concourse, new street-level taxi rank, and the Nottingham Express Transit tram stop: A 1200kg, 16-person, through-car, 2-stop passenger lift within a half-glazed shaft.

Serving the new retail area: Two 2000kg, 26-person, through-car, 2-stop goods/passenger lifts located back-of-house to move stock from the delivery facility to the shops and food outlets.

Lift Works Comprising:
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The five Stannah lifts have enhanced the movement of people and goods around the Edwardian, Grade II listed, city-centre station – an 18.5m project in itself.

The station upgrade is a key component in the overall project that also includes platform building, track re-laying, signal replacement, junction re-modelling, changing track layouts, replacing level crossings with footbridges, renewing equipment, and moving control of signalling to a state-of-the-art centre in Derby.

Stannah Project Manager, Mark Jarrett, comments: “The Nottingham Rail Hub project went to plan, completing on time and budget, with three of the lifts installed in a 7-week programme, and two installed in a 5-week programme, ranged over 9 months. Access about the station has been dramatically improved and will assist in the north, south, reliable movement of people and goods, an important factor in Network Rail’s creation of a multi-modal transport hub fit for the 21st century.”

All the lifts are hydraulically driven, have separate motor rooms, and are finished to the Network Rail vandal-resistant/Equality Act 2010 specification. The lifts were designed and installed by Stannah’s Major Projects team in conjunction with Network Rail, main contractor, Taylor Woodrow, architect Pascoal-Wetton, and Nottingham City Council.

The Stannah Major Projects team exists to provide all aspects of a project at one single point of contact. Individuals within the team are skilled in project planning and management, estimating, technical operations, logistics, product design and engineering, field managers, installation engineers, health and safety and quality control that together drive the project.

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Working With Network Rail To Create Vertical Access in Nottingham Rail Hub

Working in partnership with Network Rail and main contractor, Taylor Woodrow, the Stannah Major Projects team has installed five lifts and improved vertical access in the cutting-edge Nottingham Rail Hub in the East Midlands. This 4-year, £150m project will improve reliability, reduce delays, increase passenger capacity and safety, and optimise the rail experience for all users.

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The softness of touch.
The warmth of fire.
The attraction for something beautiful.
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