

March 2015

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Home to the research institute that created Dolly the sheep – the first mammal to be cloned from an adult cell – the University of Edinburgh's Easter Bush campus is the focus of some very big plans. Jess Unwin reports

37 Las Iguanas restaurant, Woking

The idea of simply putting down a few packing cases and creating a bar would not last long with the planning authorities in the UK, but at the latest Las Iguanas restaurant opening in Woking that was exactly the feel that designers B3 were looking to create. Steve Menary reports

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With a wide variety of building materials in a multitude of effects and colours at an architect's disposal, commercial vinyl flooring has had to evolve into not only a high performance product but also a design-led flooring option. Tavia Spencer of LVT flooring at Polyflor Ltd explains

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Call for entries opened for New London Awards

New London Architecture's annual New London Awards, recognising the best architecture, planning and development in the capital, opened for entries on 25 February 2015.

Two additional special accolades are being awarded in 2015 — NLA's 10th anniversary year — alongside the main awards programme.

And in recognition of NLA's 10th anniversary year, the Awards will also recognise London's 10 Best Buildings of the Last 10 Years. An open vote over the month of June will give the public a chance to choose their favourite from the top 10, with events and visits to shortlisted buildings during the London Festival of Architecture.

The New London Awards, now in their fifth year, are the only London-wide awards for built and unbuilt projects across all sectors of the built environment. Shortlisted and winning projects are celebrated for their contribution to London's urban environment and local community through design excellence, respect for context, and innovative and efficient use of resources.



The winning schemes, from community-led projects to large developments, are chosen by an international panel of architecture and urban design and planning experts, supported by NLA's group of London expert assessors.

The New London Awards' 14 categories span a wide range of projects from Conservation & Retrofit; to Education; Health & Care; Homes; Housing; Masterplans & Area Strategies; Mixed-Use; Office Buildings; Office Interiors;

Public Buildings; Public Spaces; Retail; The Temporary and Transport & Infrastructure.

The New London Awards 2015 winners will be announced at NLA's Annual Lunch at The Guildhall, on Tuesday 7 July, to an audience of 700 leading professionals and decision-makers from London's built environment community.

For more information please visit www.architectsdatafile.co.uk and enter reference number 92099.

PROJECT

schmidt hammer lassen architects wins large project in downtown Oslo

schmidt hammer lassen architects has won the competition to design a new retail and office complex of well over 50,000 square metres in central Oslo, Norway, for Store Brann Eiendom AS. schmidt hammer lassen architects' design was chosen ahead of five competing proposals, due to its strong and innovative project design that enhances the existing urban qualities at the site and creates a new connection between the building and city life.

The winning proposal consists of an interconnected building structure in which the upper floors are divided into smaller

building elements. From the outside, the project appears as a tight sculpture that adapts to the different scales of the site and to the city's street profile. Towards the street, the building opens up and creates passages and shortcuts through the complex. In the centre of the complex, a public space is created — an urban landscape — that, as a green oasis with tall slender pine trees, reflects the vertical motif on the facade.

For more information on this project please visit www.architectsdatafile.co.uk and enter reference number 70257.

NEW SCHEME COMPLETION

Leicester's Jubilee Square is thriving following recent completion

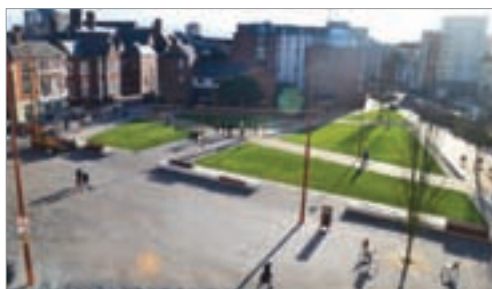
LDA Design's concept for a new public space in Leicester's city centre has now been realised following the completion of work on Jubilee Square.

The £4m scheme provides an attractive new gateway to the city's Cathedral Quarter and the site of the discovered remains of Richard III.

The project was commissioned by Leicester City Council as part of Connecting Leicester – a major programme of work launched by City Mayor Peter Soulsby to improve pedestrian links between Leicester's historic buildings and heritage sites and the modern heart of the city.

Jubilee Square has transformed an area of the city dominated by a surface level car park into a brand new public space that features an event square, lawns, a terraced garden, and a new courtyard garden for the historic Wygston's House.

LDA Design worked with Leicester City Council to develop plans from concept stages through to completion. In partnership, LDA Design and the council



have liaised with local people throughout the process, ensuring that the public realm meets the needs of the community both now and in the future.

Located in the cultural heart of the city, the square serves as part of a wider regeneration scheme to renovate the city centre. There is improved access ensuring that key shopping, housing and heritage areas are reconnected through increasing footfall to the west of the city.

The world's greatest architecture festival returns as entries for the awards opens

The annual World Architecture Festival Awards, the 'Oscars of architecture', launched formally in London this week. The awards will be celebrated at the World Architecture Festival (WAF) in Singapore this November, following three days of intensive live presentations and judging.

Entries are now invited from architects and designers for the 2015 edition of what is the biggest

architectural awards programme in the world. The awards are expected to attract more than 750 entries, about half of which will be shortlisted, in 30 categories. Closing date for entries is the end of May, and shortlisting takes place in early June.

Shortlisted entrants will compete for category prizes on the first two days of the three-day Festival, which takes place in the Suntec Centre on 4, 5 and 6 November. On the final day, category winners present again to 'super-juries' of experienced and respected judges, who decide on the World Landscape, Future Project and Completed Building of the Year.

This year's superjurors include Royal gold Medallist Sir Peter Cook, Sou Fujimoto (Japan), Kerry Hill (Singapore), Manuelle Gautrand (France), Benedetta Tagliabue (Spain) and Charles Jencks (UK/US).

In addition to the main awards there are prizes for small projects, use of wood and use of colour, decided by specialist juries.



events

EXHIBITIONS

The Modern Lens:
International Photography and the
Tate collection
Until 10 May 2015, St Ives
www.tate.org.uk/stives

FESTIVALS

Clerkenwell Design Week
19 - 21 May, London
www.clerkenwelldesignweek.com

London Festival of Architecture
01 - 30 June, London
www.londonfestivalofarchitecture.org

London Design Festival
19 - 27 September 2015, London
www.londondesignfestival.com

TALKS, LECTURES & DEBATES

Planning Law Update
22 April, Nottingham
www.architecture.com/whatson

TOURS

Open House London
19 - 20 September 2015, London
www.openhouselondon.org.uk

TRADE SHOWS

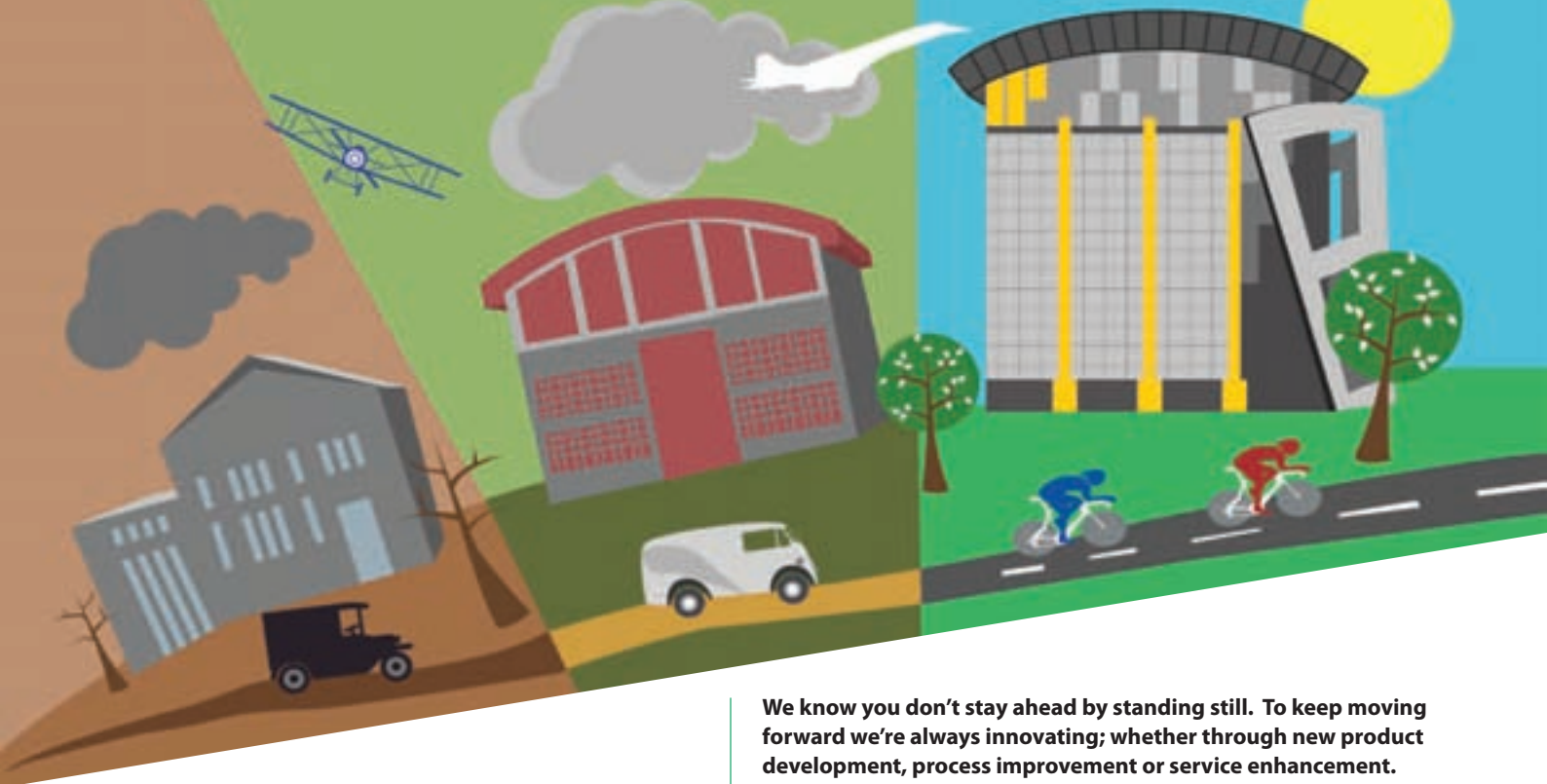
SustainabilityLive / NEMEX
21 - 23 April 2015, Birmingham
www.sustainabilitylive.com

May Design Series
17 - 19 May 2015, London
www.maydesignseries.com

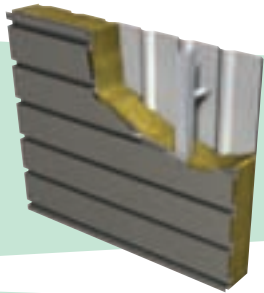
Eco Technology Show
11 - 12 June, Brighton
www.ecotechnologyshow.co.uk

FIREX / IFSEC International
16 - 18 June 2015, London
www.ifsec.co.uk

Always moving forward

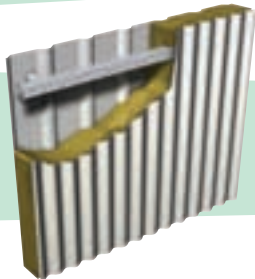


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REGENERATION PROJECT

Grant Associates completes sustainable public realm landscape for Bristol's historic waterfront



The final phase of public realm landscape design for Bristol's award-winning Harbourside development has been completed by UK landscape architects Grant Associates for developer Crest Nicholson.

The completion of the 15 year regeneration project comes as Bristol celebrates its status as European Green Capital in 2015 – awarded for the City's outstanding commitment to sustainability, creativity, culture and innovation.

Bristol Harbourside is a £120m mixed-use development on the edge of the city's floating harbour which has regenerated the heart of Bristol's historic waterfront. Sustainable landscape design has played a key role in the overall scheme.

Working closely with masterplan architects Cullinan Studio, Grant Associates has transformed the derelict 6.6 hectare brownfield site of former docks and gas works into a vibrant collection of new streetscapes, waterfront walks, public open space and a sustainable urban drainage system.

Grant Associates' public realm landscape design is based on a strong sustainable narrative that draws on the waterfront location. Highlights include:

A vibrant series of spaces, routes and public squares

The creation of a series of spaces and routes enhances the floating harbour's wider public realm, including new public squares and tree-lined avenues, and harbourside moorings with a new harbour inlet. Views and access to the waterfront have been opened up, in particular those of the cathedral and the previously inaccessible Harbour Walk strengthening the site's visual connections with the city bringing the waterfront back to life.

Sustainable urban drainage

A sustainable urban drainage story celebrates the passage of rainwater from the roofs of the buildings to the harbour, visible through a series of collection dishes, channels and rills, and irrigating the planting along the way. Floating reed beds along

the harbour edge filter rainwater and surface water before it enters the harbour. The floating reed beds have also created valuable habitat opportunities and provide an attractive waterside setting. Other habitat opportunities include an extensive green wall, fronting onto the central public square.

The Brunel Mile public walkway

The Brunel Mile, a key public walkway from Temple Meads Station to the SS Great Britain, is now realised in full. The new Millennium Promenade has opened up the final stretch of this route helping to re-energise the harbour setting with access to the water's edge providing an appropriate approach and setting to Brunel's historic passenger steam ship.

A programme of public art

A comprehensive programme of public art has been established with internationally renowned artists including Tim Knowles, Richard Box, Janice Kerbal and Daphne Wright working to integrate individual pieces with the wider landscape.

Andrew Grant, Director of Grant Associates said: "We are proud to have been associated with this important project for Bristol throughout its long evolution from Masterplan to implementation. It is fitting to see the final piece completes the Brunel Mile with a memorable landscape experience."

Andrew Haines, Senior Associate at Grant Associates said:

"The landscape of Bristol Harbourside reconnects the city with its historic waterfront. We set out to create a leading example of sustainable design, including sustainable urban drainage and water attenuation in a creative and imaginative way that enhance local species diversity and ecological richness".

Debbie Aplin, Managing Director of Crest Nicholson Regeneration, said: "The way in which public realm and open spaces are incorporated into modern developments is equally important as the actual buildings themselves.

"As regeneration experts, we are acutely aware of our responsibility to ensure that the role of public space is carefully and thoughtfully planned. It is clear, that when properly designed and delivered, public realm can offer lasting economic, social, cultural, health and environmental benefits for generations.

"The work undertaken by Grant Associates on the Bristol Harbourside scheme has skilfully re-connected the city centre with its historic waterfront. They have done an excellent job bringing together an eclectic mix of public art, heritage, open spaces and green initiatives to perfectly reinforce the city's status as European Green Capital 2015."

Bristol Harbourside has received recognition from several awards including Sunday Times British Homes Awards with a Mixed-use Development Commendation (2012) and the Building for Life Gold Standard (2008).

Working closely with masterplan architects Cullinan Studio, Grant Associates has transformed the derelict 6.6 hectare brownfield site into a vibrant collection of new streetscapes, waterfront walks, public open space and a sustainable urban drainage system'



NEW BRIDGE DESIGN COMPETITION

Shortlist unveiled for Nine Elms to Pimlico bridge competition

Wandsworth Council has revealed the four design teams to have made it through to the second stage of the Nine Elms to Pimlico bridge competition.

The high profile contest had attracted 74 entries with each team submitting a rival proposal for a new pedestrian and cycle link across the Thames.

The successful teams are:

- Buro Happold Limited – with Marks Barfield Architects, J&L Gibbons Landscape Architects, Gardiner and Theobald
- Bystrup Architecture Design and Engineering – with Robin Snell & Partners, Sven Ole Hansen ApS, Aarsleff and ÅF Lighting
- Ove Arup & Partners Ltd – with AL_A, Gross Max, Equals Consulting and Movement Strategies
- Ove Arup & Partners Ltd with – Hopkins Architects and Grant Associates

The finalists were unanimously selected by the competition's jury panel which includes Wandsworth Council leader Ravi Govindia, Lambeth councillor Joanne Simpson, architect Graham Stirk, engineer Henry Bardsley and chair of Cabi at Design Council Pam Alexander.

In coming to their decision the panel considered feedback from more than 1,000 people who responded to the stage one public exhibitions, as well as detailed technical assessments for each proposal.

The next stage of the competition will see the shortlisted teams develop their initial ideas into detailed designs.

Wandsworth Council expects to announce the winning team in late autumn this year. A new bridge would require planning permission before it

could be built.

Cllr Ravi Govindia, said: "I want to thank the jury panel and all of the designers who took part and made this such an exciting process. The quality of the submissions went beyond our best expectations and the interest this competition has generated across London has been tremendous.

"Congratulations to our shortlisted teams and I look forward to seeing their initial ideas developed further. The devil will be in the detail and the next stage will show us whether these four highly skilled and innovative design teams can meet the complex challenges this project presents."

A TfL transport study confirms the Nine Elms to Pimlico bridge has a strong business case and would provide another valuable route through central London to support the shift towards zero emission, sustainable travel options.

A £26 million contribution is already identified from the development of Nine Elms and the new design would be used to lever-in further funding. The scheme has the support of the Mayor of London.

The bridge is part of the infrastructure package needed to support growth in Nine Elms and Vauxhall where tens of thousand of new jobs and homes are now being created alongside billions in growth and tax receipts.

The competition is being run by Colander and follows OJEU public sector procurement processes so the successful design team can be appointed to the project.

To find out more please visit www.nepbridgecompetition.co.uk and view the TfL feasibility study on the Nine Elms on the South Bank website.

Finalists announced for Mies van der Rohe Award

The European Commission and the Fundació Mies van der Rohe have announced today at a press conference at Europe House London, the five finalists who will compete for the 2015 European Union Prize for Contemporary Architecture – Mies van der Rohe Award. The speakers at the press conference were Giovanna Carnevali, Director of the Fundació Mies van der Rohe; Alessandro Senesi, Deputy Head of Creative Europe at the European Commission and Tony Chapman, member of the 2015 Jury. The five finalists are:

- Ravensburg Art Museum, Ravensburg, DE
- Danish Maritime Museum, Helsingør, DK
- Antinori Winery, San Casciano Val di Pesa, Florence, IT
- Philharmonic Hall Szczecin, Szczecin, PL
- Saw Swee Hock Student Centre, London School of Economics, London, UK

In the following weeks the jury members will visit the 5 Finalist works and will collect first hand information from their users. On 7 May the authors of each work will present their project at an event open to everybody that will take place in Barcelona before the jury decides the winner.

On 8 May the name of the 2015 laureates will be announced at a special event at the Mies van der Rohe Pavilion in Barcelona. The 2015 Prize exhibition and a celebration to acknowledge the work of all the architects and people who have been involved in the Prize process will take place that same day at a special event.

Assael Architecture makes the Sunday Times '100 Best Small Companies' list

Assael Architecture has been selected for the Sunday Times newspaper's exclusive Best Small Companies to Work For 2014 accreditation scheme, securing 47th place.

This is the first year since 2008 that Assael has qualified to enter the national award with almost 60 staff. It is a notable jump back in to the Top 100 Best Small Companies league table with impressive figures including 90 per cent of staff saying they have fun together and 77 per cent feeling happy with pay and benefits.

Best Companies, the entity that compiles the list for the Sunday Times, has developed an academically rigorous methodology to measure levels of "workplace engagement" based on its experience of responses from nearly 740,000 employees in thousands of organisations. The Best Companies accreditation scheme then recognises those organisations that have achieved high levels in this area. Best Companies' stated goal is to "help make the world a better workplace".



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EDUCATION PROJECT

Keppie reveals outcome of enterprise education project

Leading architectural practice Keppie Design, in partnership with East Ayrshire Council and Ayrshire College, has announced that Cumnock Academy has been awarded the top prize at the finale of its INTERACTION challenge.

The finale of INTERACTION, an enterprise education challenge in which seven secondary schools in East Ayrshire participated, was held in the council chambers and was hosted by TV personality and broadcaster Hardeep Singh Kohli.

In November the pupils were challenged to design an inspirational, flexible and open learning space for the new Ayrshire College campus, which is being built on the site of the former Johnnie Walker bottling plant in Kilmarnock and for which Keppie is the delivery architect. Using the construction project as the basis for the brief, the college has been acting as a client for the students.

The winning design from Cumnock Academy will form the basis of the solution which the college team (including Keppie Design, structural engineer Ramboll, contractor McLaughlin & Harvey and interior designer Space Solutions) will implement, with the winning team remaining part of the process. The next step is to present the design solution to the college's project board.

David Ross, design director from Keppie and the creator of INTERACTION explained the background to the project and its aspirations: "In general terms, architects engage far less with the communities in which we operate than we'd like to admit, given that listening and communicating with those who experience our work is an essential part of the job. To an extent, this could be as a consequence of a gulf between education and practice which has already been recognised by many educators. By addressing this issue there is an opportunity for architectural practices to become directly involved in changing how the profession is understood and perceived by those who may go on to become the architects of the future."

Forrest appointed to deliver Manchester's X1 Eastbank

Contractor Forrest has been selected by X1 for phase one of X1 Eastbank, a 310 luxury apartment multi-phase project in Manchester. Phase one, an eight-storey apartment building directly off Great Ancoats Street, starts on-site in March with completion due summer 2016. Forrest's Sean Connor, Project Director for the scheme, said: "This is a significant milestone for the business. We've built up a strong presence on a national level for our work and are excited to be using our expertise to construct such a high profile building" For more information please visit www.architectsdatafile.co.uk and enter reference number 82421.

RESTORATION

Cathedral at Height project generates welcome revenue for Chester Cathedral

Since opening the Cathedral at Height project to the public in April last year, Chester Cathedral has earned a Trip Advisor Excellence Award. This follows an increase in footfall at the Cathedral of 350 per cent and the reward of much needed additional revenue from over 7,500 'intrepid explorers'. The project has also won an award in the Chester Civic Trust's New Year Honours List 2015.

Visitors have enjoyed accessing areas of the Grade I listed cathedral previously unseen by the public after extensive work by restoration architects Donald Insall Associates.

Work began in Summer 2013 and involved the cathedral tower, tower roof, bell-ringing chamber and bell-frame chamber's preparation for public access.

The tour of the cathedral includes high-level, panoramic views of the city and five counties. It was officially opened in September by The Prince of Wales and The Duchess of Cornwall, Earl and Countess of Chester.

Chairman of Donald Insall Associates, Tony Barton who took part in the official opening said: "This complicated project involved very real challenges for the design team to provide safe access and open up previously unseen areas of the cathedral. It involved new balustrades, viewing



platforms, lighting, handrails, staircases and interpretations. The challenges were overcome by the design team and contractors to deliver the project on time and on budget."

Donald Insall Associates worked with William Anelay Ltd, Turner and Townsend, Ramboll UK and Bob Costello Associates. Chester Cathedral received a £1.3 million grant from Cheshire West and Chester Council to carry out the work which also involved stakeholders Cathedral Fabric Commission for England, Chester Cathedral Fabric Advisory Committee, Chester Renaissance, Chester Civic Trust and English Heritage.

'This complicated project involved very real challenges for the design team to provide safe access and open up previously unseen areas of the cathedral'

Chairman of Donald Insall Associates, Tony Barton

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ARCHITECTURE AWARDS

Sixteen buildings in the East of England shortlisted for RIBA architecture awards

A multi-storey car park in Cambridge has joined private homes, further education facilities and artists' studios on a list of sixteen projects shortlisted in the region by the RIBA (Royal Institute of British Architects) in this year's RIBA East Awards 2015. Thirty-eight entries were received for buildings in the East of England this year.

The buildings that have been shortlisted are:

Bedfordshire

- **The Swiss Garden, Biggleswade** by Christopher Garrard Consultancy with Weal Architects
- **Harrold House, Bedford** by NISSEN RICHARDS studio

Cambridgeshire

- **Abode, Great Kneighton** By Proctor & Matthews Architects
- **Alconbury Incubator Building, Huntingdon** By Allford Hall Monaghan Morris
- **UTC Cambridge** By Hawkins Brown Architects
- **Addenbrooke's Multi Storey Car Park, Cambridge** By Allies and Morrison & Devereux Architects
- **EMBL – EBI South Building, Hinxton** By Abell Nepp
- **Eden Street Backway, Cambridge** By DPA Architects, Cambridge
- **EF Language School, Cambridge** By NRAP, Cambridge

Hertfordshire

- **UH Prince Edward Hall, Hatfield** By Vincent and Gorbings

Norfolk

- **The Great Hospital, Norwich** By Cowper Griffith Architects, Cambridge
- **Old Barn, Melton Constable** By Rural Office for Architecture
- **Westgate Tower, Norwich** By 5th Studio, Cambridge
- **Bob Champion Research and Education Building, Norwich** By Hawkins Brown Architects

Suffolk

- **Stackyard, nr Diss** By Mole Architects, Cambridge
- **The Studios, Aldeburgh** By SOUP Architects

Jon Greenfield, Chairman of RIBA East, welcomed the news: "We have seen a diverse range of entries this year and it's really great to see clients pushing for good design across such a broad spectrum, from small art studios through to a towering multi-storey car park – the first we've seen being entered for an Award. All the architecture practices and their clients are to be congratulated for getting this far and I look forward to hearing the jury's verdict next month."

All shortlisted buildings will be assessed by a regional jury, with the winners of an RIBA East Award being announced on 16 April 2015. Regional winners will then go forward to be considered for a RIBA National Award in recognition of their architectural excellence, which will be announced in June. The shortlist for the RIBA Stirling Prize for the best building of the year will be drawn from the RIBA National Award-winning buildings later in the year.



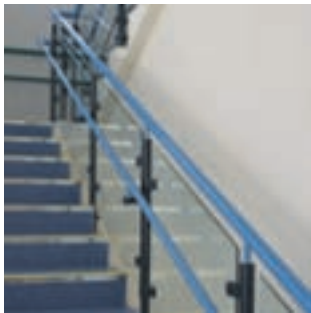
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EXHIBITION

Architecture of Independence – African Modernism now opens

When many countries in Central and Sub-Saharan Africa gained their independence in the 1960s, experimental and futuristic architecture became a principal means by which the young nations expressed their national identities. The exhibition in the Vitra Design Museum Gallery is one of the first presentations of this remarkable period of more recent architectural history. This exhibition was researched and curated by architect and author Manuel Herz, with a substantial contribution by photographer Iwan Baan.

The exhibition documents more than 80 buildings in five countries; Kenya, Côte d'Ivoire, Zambia, Ghana and Senegal. The often heroic and daring designs of parliament buildings, central banks, stadiums, conference centres,

universities and independence memorials mirror the forward-looking spirit that was dominant in these countries at the time. However, this architecture also represents the difficulties, contradictions and dilemmas that the young nations experienced in their independence process, as building designs and architects were often imported from foreign countries, if not from one of the former colonial powers. On the basis of the projects shown, the exhibition traces the relationship between the architectural production of the countries named above and their individual nation building process. *Architecture of Independence – African Modernism* forms the prelude to the Vitra Design Museum's Africa focus in spring 2015. It will continue with the comprehensive exhibition:



Hotel Ivoire, Abidjan (Côte d'Ivoire), von/by Heinz Fenchel and Thomas Leiterdorf, 1962 - 1970, © Iwan Baan

Making Africa – A Continent of Contemporary Design, which is showing in the museum's main building from 14 March until 13 September 2015. Together, the exhibitions impart a new perspective on the design and everyday culture of the African continent.

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ADVANCED CENTRE DESIGN

New Prebys Cardiovascular Institute, designed by HOK, opens in Southern California

'The exterior composition of brick, glass and metal panels respects the aesthetic of the surrounding campus buildings'



Building on Scripps Health's legacy, the new Prebys Cardiovascular Institute in La Jolla, Calif., is conceived to be the region's largest and most advanced centre dedicated to cardiovascular care. The 383,000-square-foot tower, located on the campus of Scripps Memorial Hospital La Jolla, was designed by HOK in support of Scripps' mission. Scripps marked the institute's grand opening on 26 February and began moving patients into the tower on 8 March.

Alicia Wachtel, project director based in HOK's Los Angeles office said: "The new facility is the successful result of an extraordinary team effort. Our team worked closely with Scripps administrators, facilities, design and construction staff, and clinicians to create an advanced care centre that enables best practices while introducing significant innovations in patient-centred care."

The Prebys Cardiovascular Institute builds on a legacy of Scripps advancements in pioneering surgical procedures, landmark studies, genomic medicine and wireless technology to provide the most innovative treatment options to patients with cardiovascular disease.

Bruce Rainey, Scripps Health corporate vice president of construction and facilities said: "The completion of Prebys Cardiovascular Institute is a milestone for Scripps and sets the

bar for specialised heart care facilities across the country.

"The state-of-the-art centre for heart care incorporates the highest construction standards and most advanced design principles, which benefit patients and caregivers."

HOK's design team created a physical environment that embodies the mission and vision of Scripps with features that support the delivery of care, patient safety, staff efficiency, productivity and functional flexibility.

The exterior composition of brick, glass and metal panels respects the aesthetic of the surrounding campus buildings. Stacked brick and punched windows lining the north and west facades relate to the La Jolla campus and its architectural character. The curved glass curtain wall on the southeast delivers a message of transparency to the community. Generous daylight on patient floors streams through the floor-to-ceiling windows.

Ernest Cirangle, FAIA, LEED AP, design principal for HOK's Los Angeles office, said: "Working within the context of the Scripps campus, we reinterpreted the campus' materials into a new language of forms, patterns and details with a view to the future. The contemporary design announces the programme with distinct, readable elements. It's a forward-looking building that supports Scripps' commitment of bringing together people and technologies in one centre to revolutionise heart care."

The seven-story, 167-bed hospital includes 59 intensive care beds, four operating rooms, two hybrid operating rooms, three cardiac catheterization labs and an electrophysiology lab connected to centralised research labs, and a centre for graduate education. Interior spaces support advanced medical treatment, patient care, research, clinical trials and graduate medical education within an environment supportive of patient and family-centred care.

The opening of the Prebys Cardiovascular Institute represents the first phase of a master plan that is transforming the Scripps Memorial Hospital La Jolla campus. The team included McCarthy Building Companies, Inc. as general contractor and Jacobs Project Management Co. as construction manager.

news bytes

Visit the website www.architectsdatafile.co.uk and enter the reference number for more information

Make's new design for Wings South West takes off...
Ref: 73149

Dubai Airports sets commercial course for Dubai World Central...
Ref: 59574

New gardens at the heart of Quintain's Wembley Park development ...
Ref: 13710

2015 Civic Trust Awards winners revealed

The 56th Annual Civic Trust Awards Ceremony was held on Friday 6th March at The Swan, Shakespeare's Globe Theatre in London, hosted by architect, writer and TV presenter George Clarke and Civic Trust Awards Managing Director Malcolm Hankey.

From 238 applications, 91 national and international projects were rewarded with a Civic Trust Award or Commendation, which included Pro-Tem Awards for

temporary projects or installations and the new AABC Conservation category.

In addition, 8 Special Awards were presented to projects that have demonstrated outstanding credentials in specific areas.

For a list of the the 2015 Special Award Winners please visit www.architectsdatafile.co.uk and enter reference number 61502.

cpd focus

continuing professional development

Maintaining and improving professional competence, skills, abilities and knowledge

ROOFING SYSTEMS: REDUCING AND MANAGING RISK



For the past 50 years, **Sika Liquid Plastics** has been one of the UK's leading manufacturer of liquid applied waterproofing systems. During that time, the company has developed an enviable range of waterproofing membranes and roofing systems for the weatherproof protection of roofs and balconies. Sika Liquid Plastics is proud to announce, that it has used this expertise and knowledge, to create a new CPD titled: *Roofing Systems: Reducing and Managing Risk*. The CPD aims to assist architects and specifiers when designing and selecting roofing solutions that:

- Provide levels of required performance and guarantees
 - Meet current and predicted legislative requirements
 - Reduce the risk of litigation and associated consequences
- The Presentation details the typical challenges and risks that a client would expect from a roofing system.

The Sika Liquid Plastics CPD is officially RIBA approved. The CPD seminars can be carried out at a time and a place convenient for you and your team.

01772 259781
liquidplastics@uk.sika.com

enq. 108

FIRE DOORS EXPLAINED



The highly interactive events from **BM TRADA** use live fire demonstrations and pre-recorded film footage, as well as traditional seminar sessions, to provide an excellent overview of fire door design, manufacture, testing, installation and certification. Aimed at anyone with a responsibility for the manufacture, installation, maintenance or inspection of fire doors, the seminars provide all those attending with an in-depth understanding of the structure and components that make up a fire-resisting doorset.

01494 569744
www.bmtrada.com/en

enq. 109

AN AWARENESS OF THE NATIONAL PLANT SPECIFICATION (NPS)

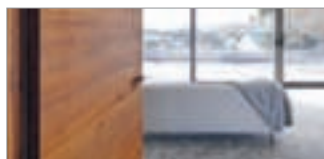


Coles Nurseries have gained CPD accreditation for its course *'An Awareness of the National Plant Specification (NPS)'*. The course, which has been run by Coles for the past five years as an NVQ Qualification, gives participants an overview of the various criteria used in plant specification, e.g. girth, height and pot size, and the situations where each are applicable. The purpose of the training is to save participants time when tendering and ordering plants by setting clear, defined parameters for suppliers to adhere to

0116 241 2115
www.colesnurseries.co.uk

enq. 112

URBAN FRONT NEW WORKSHOP TOUR 2015



The Workshop Tour from **Urban Front** will run for just over an hour and incorporate the following Learning Outcomes: A good understanding of how a contemporary hardwood door is manufactured; a better understanding of the types of hardwood and their benefits; a good ability to interpret CADs used for manufacture; a better ability to specify doors correctly; an understanding of the various issues related to making doors. The company also runs regular CPD's on specifying Hardwood Timber doorsets.

01494 778787
www.urbanfront.co.uk

enq. 110

SOLID SURFACES - FOR INTERIOR AND EXTERNAL ARCHITECTURE



CD (UK) Ltd, the exclusive UK distributors of Corian® – The seminar is structured as follows: Development of Solid Surface from 1960's to present day; Raw materials, adhesives and composition; Solid Surface characteristics and benefits; Manufacture: Sheet, Matrix sheet and shape product; Comparison of Solid Surface characteristics; From production to fabrication process; Properties of Solid Surface; Architectural and Design possibilities; Current applications (visuals); Environmental considerations.

0113 201 2240
www.cdukltd.co.uk

enq. 113

WETROOM DESIGN & SPECIFICATION



As the popularity of Wetrooms continues to grow, **CCL Wetrooms** has developed a *Wetroom Design & Specification* CPD to help guide Architects through the process of designing and specifying a watertight Wetroom. The technical presentation covers the key considerations of designing and specifying a wetroom, including design & layout, waterproofing, drainage, floor build up and installation. It also includes a section on how Wet rooms can help meet the Lifetime Homes Standard.

0844 327 6002
www.ccl-wetrooms.co.uk

enq. 111

INTRODUCTION TO THE LIQUID ROOFING AND WATERPROOFING ASSOCIATION



The **LRWA** (Liquid Roofing and Waterproofing Association) has announced the launch of its RIBA approved CPD, available online for specifiers, architects, and surveyors. "Continuing Professional Development is crucial for anyone working in the construction industry," commented Terry Wain, LRWA technical secretary. The CPD should take around 25 minutes to complete and includes information on the history of liquids and the various ways in which LRWA aims to promote best practice within the industry.

0207 448 3859
www.lrwa.org.uk

enq. 114

SAINT-GOBAIN'S CPD SEMINAR SERIES



Saint-Gobain's Innovation Centre is host to regular CPD seminars to keep its attendees up-to-date with the latest innovations and knowledge from Saint-Gobain businesses. On the 17th April, Weber will explain how to use technical mortars, including concrete repair and corrosion control, anchoring and fixing and precision grouting. This will be followed by Saint-Gobain PAM, who will cover cast iron rainwater gutter systems, the first choice for listed properties and traditional buildings.

E: innovation.centre@saint-gobain.co.uk

W: www.saint-gobain.co.uk/innovation-centre/events.aspx

enq. 115

DESIGN AND SPECIFICATION OF WESTERN RED CEDAR SHINGLES



This CPD from John Brash is suitable for architects and specifiers. The CPD presentation covers: An introduction to shingles and shakes; Legal and ethical procurement (including EU timber regs); Using shingles to help meet low carbon targets; Performance (including durability, treatment, life cycle analysis); Standard details Blue label certification – why is it important?; Installation and maintenance. For more information visit the website.

01427 613858
www.johnbrash.co.uk

enq. 116

CELLECTA CPD SEMINAR



Collecta has announced that it has strengthened its RIBA CPD Providers Network offering through the addition of a face-to-face Soundproofing CPD to partner the online CPD currently available. Collecta's RIBA Assessed CPD Material is a must for architectural and specification practices. CPD attendees will enhance their knowledge of the soundproofing demands of different floor constructions including timber, steel and concrete and the products and solutions available to help overcome them.

0845 671 7174
www.collecta.co.uk

enq. 117


MAXIMISING AIRTIGHTNESS IN ROOF CONSTRUCTION



Klober's fully updated CPD presentation *Maximising airtightness in roof construction* examines implications of changes to Approved Doc L1A and the discontinuation of the Code for Sustainable Homes. It covers SAP analysis, implications of specific rates of air permeability and the effects of airtightness accessories in combination with better fabric insulation and other low energy measures.

01332 813050
www.klober.co.uk

enq. 118



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enq. 119

editor's focus

Benchmark

The Borough of Kensington and Chelsea contacted Benchmark Design to help provide a seating solution to a large area centred around a single tree. They did not want individual curved benches, as the idea was to keep a continuous curve around the raised concrete tree bed. The obvious solution was to use a bench from the company's 007 range which can be curved to any radius and continued to any length, in this case it was just over 7 metres long. The final outcome left a neat and tidy public area that will provide ample seating matched with timeless design.

enq. 120



neaco

neaco's Timberline wood-effect aluminium balustrade has been specified with metallic-finish stanchions and tension wire infill to provide high aesthetic value for an impressive new extension and internal remodelling at Oldham Sixth Form College. neaco's UK Business Development Manager, Peter Melia, said: "Timberline has become one of the most popular specifications in our Spectrum balustrade range. Its powder coated reproduction of oak grain is impressively detailed with a durable non-chip finish providing the rich aesthetic of real wood without its high maintenance and vulnerability to surface damage or hygiene problems."

enq. 123

GPML Construction

GPML Construction, established in 1990, is a leading provider of building and maintenance solutions meeting the customers demands for their projects with varying size including extensions and new builds. The goal at GPML has always been to provide a quality service that allows the company to form long and effective relationships with its customers. The company's long serving team of professionals includes carpenters, electricians, bricklayers and plumbers. GPML's work is completed to a standard that means its customers have total confidence in using its services time and again.

enq. 121

Designer Contracts

As one of UK's largest flooring contractors, Designer Contracts can help you save money on floor coverings while ensuring you receive the outstanding service you need: Contract rated and domestic floor coverings – carpet, carpet tiles, vinyl, safety flooring, vinyl tiles, wood & wood effect, rubber floor and matting; From single rooms to entire refurbishment programmes it offers a free on-site survey undertaken by its own staff; Guidance and advice on all health and safety floor covering compliance; Considerable buying power means all products are offered at extremely competitive rates; For new and refurbished properties every floor covering is supplied to the right specification and professionally installed to achieve a safe and inclusive environment; CSCS registered and DBS checked staff and fitters.

enq. 122

Vetrotech Saint Gobain

Vetrotech Saint-Gobain supply a product range that not only provides total protection against fire and smoke threats; they have also been specifically designed to accommodate other multifunctional requirements such as: energy conservation, sound reduction, impact safety and physical security. With innovative research and development combined with state-of-the-art production technologies, Vetrotech creates bespoke solutions of the highest quality, consistency and complexity. Vetrotech Saint-Gobain provides the specifier with optimal glass solutions for every fire-protection demand whilst perfectly blending with non-fire glass types.

enq. 125

Burnham Environmental Services Ltd

The Biodigester 'T' range caters for 6-42 people and larger Biodigesters are available for up to 2000 people. All Biodigesters are suitable for variable loading. The 'T' range Biodigester has been tested to EN12566 Pt 3 and has a CE Mark. Owners are impressed by the limited maintenance required, infrequent emptying intervals and the 'Odour Free' totally aerobic process. The Biodigester range is backed over 40 years experience and full details may be obtained from Burnham Environmental Services Ltd.

enq. 124

Eco funding and investment



The economic austerity and the Coalition Government's commitment to reduce the public deficit mean there are fewer grants and funding available than there once were to help UK businesses transition to a low carbon economy.

Visitors to the fourth Eco Technology Show, being held at Brighton's Amex Stadium on June 11-12, will therefore particularly welcome the opportunity to discover more about grants and funding and the practicalities of benefitting from

them. Meanwhile, architects and designers can learn more about what new ideas will win funding and be attractive to developers. The Show and its packed seminar programme are completely free to attend, making this one event you really need to add to your calendar.

National agencies have either seen their public funding slashed, as in the case of WRAP, with its focus on resource efficiency, or completely disappear, as in the case of the Carbon Trust. Regional green funding has been severely affected by the cutbacks to local authority budgets, and the shake-up brought about by the dismantling of the English regional development agencies, which once held the purse strings to much of the green funding at a regional level.

New funding sources and investment vehicles include the Government's £3 billion Green Investment Bank, the £2.6 billion Regional Growth Fund, focussing on businesses, and the private sector operated Green Deal Finance Company for home improvements. Finding your



way through the funding maze will be easier after a visit to the Eco Technology Show.

This year Show visitors will also get a preview of the next generation of ideas, from flexible solar panels to waste water recovery. The new Innovation Zone gives free stand space to the most exciting inventions. Look out for these products in the building mainstream soon!

Register for free at www.ecotechnologyshow.co.uk

enq.126

Architects Datafile website



The Architects Datafile (ADF) website is an online provider of past and present products and news items for the architect or specifier. architectsdatafile.co.uk is a one-stop source for all the latest press releases providing any visitor with access to information about products and services that they may require. From the website, you can find links to digital issues that have live links to advertisers' sites, as well as daily email alerts to keep you as informed as possible.

www.architectsdatafile.co.uk

Synseal nominated for the Business Award



Synseal has secured a nomination for the 2015 Business Excellence Awards in recognition of the company's operating performance and dynamic business growth achieved over the last two financial years. The prestigious annual Business Excellence Awards were launched by Acquisition International Magazine in 2010 to highlight and celebrate excellence, innovation and perform-

ance across the business, legal, financial and investment communities worldwide. The Business Excellence Awards seek to prove that in times of economic turmoil, good leadership can deliver the difference between surviving and thriving.

01623 443200 www.synseal.com

enq.127

New national technical specification manager



Jet Cox has appointed Eddy Haslam as National Technical & Sales Manager to assist Architects, Developers, Design Consultants and Roofing Contractors with the design and specification of the extensive range of Jet Cox large area polycarbonate and glass roof light solutions. Eddy has been in the industry for over 30 years, having started his career with Coxdomes in the late 1980's, and brings a wealth of experience to the role. Martin Revie, the General

Manager of Jet Cox, believes that Eddy's appointment to the expanding Coxdomes sales force will assist with its continued expansion into key sectors.

0121 530 4230 www.jet-cox.co.uk

enq.128

The new Cullen brochure is here



ITW Construction Products (formerly ITW Industry) have published its new Cullen Timber Engineered Connectors brochure for 2015. Continuing its ITW "Product Line Simplification" strategy which was strongly evident in the previous issue, ITW CP has endeavoured to further streamline and enhance its com-

prehensive connector range, making Cullen products even simpler to specify and pick. The Cullen brochure is supported with the introduction of QR code links to animations hosted on ITW Construction Products' YouTube channel. To request a copy contact ITW Construction Products' customer service team.

01592 771132 www.itwcp.co.uk

enq.129

Sunsquare awarded SMAS Worksafe Certificate



Skylight manufacturer **Sunsquare** has been awarded SMAS Worksafe Certification. With health and safety at the forefront of its business, Sunsquare meets the requirements set out in the Construction Design and Management Regulations 2007 (CDM 2007). Justin Seldis, Managing Director of Sunsquare comments: "Receiving the SMAS Worksafe Certification is essential to us. The SMAS is a member of the Safety Schemes in Procurement Forum (SSIP). Many contractors follow SSIP health and safety pre-qualification closely and only use businesses that hold a valid SMAS Worksafe certificate."

01284 848668 www.sunsquare.co.uk

enq.130

British Spirals & Castings makes its mark



Family run producer of bespoke staircases, balconies and railings **British Spirals & Castings** is flying the flag for British quality-compliance, by becoming one of the first spiral stair manufacturers to achieve the CE Mark for its products. In achieving the CE Mark, British Spirals & Castings has put itself on the top rung, providing assurance that its manufacturing process meets the highest European standards. The accreditation is a declaration that its product meets EU safety, environmental and health protection requirements; and it enables the free movement of products within the European market where the harmonised standards apply across all member states.

01663 750716 www.britishsc.co.uk

enq.132

FACTA appoints new Chairman



Lee Henley was appointed Chairman of the **Fabricated Access Covers Trade Association (FACTA)** at its recent Annual General Meeting. FACTA represents the leading UK manufacturers and suppliers of fabricated access covers with

a huge variety of applications both internal and external. Fabricated covers can be made in a variety of materials and offer flexibility of design including bespoke designs, short production runs and even single covers. Mr Henley anticipates the Association further developing its position as the voice for the industry. The Association currently takes a leading role within BSI to develop British and European standards for access and gully covers.

01827 52337 www.facta.org.uk

enq.134

NorDan wins again



NorDan, one of the UK's market leaders in high performance timber and alu clad timber windows has been awarded the annual "Large Supplier of the Year" for the second time from leading developer Crest Nicholson Regeneration. NorDan was shortlisted by buyers, commercial directors and production directors of the regeneration

division of the multi award winning company and chosen as winner by managing director Debbie Aplin. NorDan's regional director Paul Detain received the award from former rugby player Martin Bayfield, at a prestigious charity dinner: "We are delighted to work in partnership with Crest Nicholson Regeneration Ltd and extremely proud to be awarded Large Supplier of the Year for the second time."

01452 883131 www.nordan.co.uk

enq.136

BAL strengthens specifier support



Building Adhesives Ltd, one of the market-leading manufacturers of tile adhesives, grouts, sealants and ancillary products, has appointed Matthew Leaver as its new national Business Development Manager, strengthening the company specification support. Matthew's role includes working with architects, designers and specifiers to support them on M40/M20 specifications, deliver project support and provide RIBA-accredited CPDs.

Matthew has more than 14 years' experience in architecture and design specification working for tile manufacturers and distributors including Porcelanosa, CTD/Worlds End Tiles, Domus and H&R Johnsons.

01782 591100 www.bal-adhesives.com

enq.131

Latest EPIC guidance on Part L and Section 6



With England, Wales and Scotland each going their separate ways down the road to energy conservation it has become more important than ever to have clear guidance on the regulatory requirements. To meet that need, established industry body **EPIC** has produced an updated version of its popular guide to the Building Regulations, highlighting the key changes and providing recommendations on how to comply using insulated panel systems. EPIC represents the insulated panel industry and is a major contributor on a number of government consultative working groups. The full guide is available to download from the EPIC website.

The full guide is available to download from the EPIC website.

020 8786 3619 www.epic.uk.com

enq.133

Spencer Returns to GEZE UK



GEZE UK has continued its expansion programme with the appointment of Spencer Allen, who rejoins the company as national sales manager for window technology systems. Spencer first joined GEZE in 2006, before leaving in February 2014.

During his eight years' with GEZE, Spencer worked across the technical support, project management and sales divisions, building up a wealth of product knowledge and experience of the industry and its customers. In his new role he will be responsible for growing sales of window technology systems across the UK and will work with architects, contractors and other specifiers to ensure that they select the right window solution for each project.

01543 443000 www.geze.co.uk

enq.135

Sika introduces dedicated team



In order to offer architects, engineers, contractors and other specifiers dedicated support for large scale construction projects both in the UK and internationally, **Sika Ltd** has launched a Major Projects Team. Sika offers one of the industry's widest product ranges for waterproofing, roofing, flooring

and the protection of many other areas of the building envelope and the aim of the Major Projects Team is to enable customers to deal with a single source supplier and a single point of contact on significant construction projects, thus saving time and simplifying the entire process. Sika's Major Projects Team is already adding value to multi-million pound construction projects around the UK.

01707 363866 www.sika.co.uk

enq.137

SE Controls helps create a stimulating learning environment at Passmores



Passmores Academy in Harlow is using a natural ventilation system from a leading smoke and natural ventilation specialist, SE Controls, to provide a comfortable and stimu-

lating learning environment for pupils while helping to reduce the school's carbon footprint.

A range of low impact design features and sustainable technologies have been incorporated in the BREEAM 'Very Good' rated school, including solar shading, biomass boilers and energy efficient glazing together with the use of a natural ventilation strategy to improve and manage indoor air quality while reducing the need for mechanical cooling.

To provide the level of control and flexibility required for the school's natural ventilation system to operate effectively within the pre-defined set points, SE Controls supplied and installed 7 OS2 control panels to operate the rooflights, atrium louvres and entrance screens.

In addition, the company also supplied and installed the rooflight and window actuators through specialist glazing contractor, English Architectural Glazing and were responsible for

commissioning the complete natural ventilation system, which is interfaced with the school's building management and fire safety system.

SE Controls' Project Manager, Darren Wainwright, explained: "Indoor air quality in schools is a vital consideration as it not only manages the temperature within the building, but more importantly, the level of carbon dioxide present, which has been proven to reduce learning ability if it exceeds pre-defined national guidelines. Even the classrooms have CO₂ monitors fitted so that the level can be monitored and the windows manually opened, if required."

He added: "By incorporating natural ventilation and linking our control panels to the BMS, Passmores Academy can not only ensure that the air quality and environment is effectively managed but also that the energy costs are kept in check."

01543 443060 www.secontrols.com

enq.138

Cruddas support for building materials supplier



Our view on adapting housing to enable people to remain at home, rather than be in hospital, was the focus of a constituency visit by Jon Cruddas MP in Chadwell Heath. Jon Cruddas visited **Nicholls & Clarke**, an independent Group of businesses based in his East London constituency that manufactures, distributes, retails and exports building materials and home improvement products since 1875.

The MP saw a complete range of accessible bathrooms, sanitaryware, showering solutions and wet rooms – many of which are manufactured by Nicholls & Clarke businesses. The company has invented many of the specialist products used in independent living, notably the raised-height toilet, half-height shower door and low-entry shower tray and RADAR lock.

enq.139

Firestone host annual Commercial Kick-Off



Firestone Building Products hosted its annual Commercial Kick-Off event in Brussels last month. The event saw 20 of Firestone's Commercial Contractors being invited over to Brussels. On the Monday evening there was a meal hosted by the Brussels Managing Director at a local Belgium restaurant.

On the Tuesday the Firestone Contractors, visiting the head offices in Zaventem, started the day with a tour of the recently refurbished offices followed by a presentation by Commercial Manager John McMullan, outlining this year's campaign "Drive It". To emphasise the campaign the contractors (pictured) were treated to an evening of Karting which was won by Licensed Contractor, Jeff Goodwin of Goodwin Roofing Limited.

enq.140

Bison wins Concrete Society Civil Engineering Award



Bison Manufacturing, a leading UK precast concrete manufacturer, has received a prestigious award from The Concrete Society for its involvement in the extension of an East London sewage treatment facility. Appointed to the project by main contractor Tamesis, a joint venture consisting of Laing O'Rourke and Imtech, Bison was tasked with the design and manufacture of 8,504m² of unique 160mm tongue and groove wall planks for use in the expansion of Thames Water's Beckton Sewage Treatment Works. In recognition of its work on the project, Bison was bestowed with the Excellence in Concrete (Civil Engineering) award at a ceremony hosted by The Concrete Society. Enabling the site to increase capacity by 60 per cent, the improvement works allow the full treatment of increased volumes during storm events. Bison's units were used to form baffle walls in a number of newly constructed tanks, directing the flow. As Bison's units were manufactured offsite and delivered when required, the project required just a small number of installers and one mobile crane, helping to reduce the number of operatives on site and the need for materials storage. Mike Nelson at Bison said: "We're extremely pleased to have worked on such an important project and to be recognised by The Concrete Society for our design and manufacturing capabilities".

01283 817500 www.bison.co.uk

enq.141

Innova creates perfectly tailored labs for Bellerbys College

Education interiors specialist Innova Design Solutions have created inspiring science labs with the wow factor for international students at Bellerbys College.

Part of the Study Group, Bellerbys operates across eight campuses and prepares over 1,250 international students for university entry every year. In keeping with Study Group's transformation scheme, Bellerbys wanted to reformat its science facilities to reflect changes in teaching and learning styles, and was looking for stylish, state of the art labs and prep rooms.

Working to a timescale of just a few weeks, Innova provided a full contract management service to guarantee work on each of the six laboratories ran smoothly.

End-user involvement was central to the design process: with the input of teaching staff Innova created a unique layout and colour scheme in each lab, giving teachers the freedom

to tailor the learning environment to their preferred teaching styles.

From peninsular to curved centre floor layouts to curved centre floor layouts, all the labs were designed so every student faced the front with significant space for practical and theory classes.

The curved centre floor units with a radial design offered teachers greater control of the learning environment, with short lines of communication to ensure students remain focused. The installation of sinks in centre floor units optimised the space to support the practical emphasis of science courses at Bellerbys.

To maximise space for chemicals, books and equipment, perimeter and under bench storage was incorporated alongside racks for gratnell trays. Further space was provided with the creation of mechanically ventilated chemical stores on each floor of the building, where shelving and lockable storage enabled technicians to keep equipment



well-organised and at hand for experiments.

A mixture of Trespa, Formica compact grade laminate and CDF (Kronoswiss), an eco-friendly compact grade density board was chosen to ensure work surfaces were attractive, durable and easy to maintain.

The results are colourful, creative learning spaces which stimulate students and are set to be a showcase for Bellerbys to attract overseas students.

0161 477 5300 www.innova-solutions.co.uk

enq.142

Top marks for Ahmarra



Specialist timber fire door manufacturer, **Ahmarra**, has launched a new range of doorsets for the education sector. The range consists of 22 door types each with an associated ironmongery pack to perform a specific function. The materials and ironmongery have been carefully considered, balancing durability, usability, aesthetics, performance, legislation and cost. While the aim of the range is to simplify the design process, Ahmarra recognises that every project

will have its own specific requirements and Ahmarra's high quality doorsets will be made-to-order on a project by project basis. The brochure for the Education Range can be downloaded from the company's website.

02392 389076 www.ahmarra.co.uk

enq.143

Expanded range of colour options for Yorkon



Yorkon has expanded the range of colours and design possibilities for buildings using its off-site solutions, giving architects and contractors even greater aesthetic flexibility. The latest building system available for Yorkon projects has been engineered to remove the need for external columns,

creating seamless, flush facades. The palette of colours for the steel envelope has also been expanded from 20 to 55, giving architects and designers genuine creative freedom without having to specify secondary cladding. The modular buildings can be finished in a wider range of colours to complement or contrast with adjacent schemes – or multiple shades and colours can be specified for a single facade to create a lively, vibrant and impactful exterior.

enq.144

Lyndon Design seating helps transform library



A newly refurbished library at the University of Reading serves to echo the bespoke handcrafted seating capabilities provided by **Lyndon Design** and underscores its ability to deliver state-of-the-art soft furnishings in a modern learning environment. Lyndon Design's high-backed Arthur booths are featured throughout the

project. These provide informal group meeting areas and breakout spaces within the library, while delivering the ultimate in design expertise and comfortable ergonomics. Tailored to meet specific learning and spatial requirements, the Arthur sofas exemplify why Lyndon Design continues to be the favourite of architects and specifiers.

enq.145

Improved airtightness with Wraptite – simple



Rain screen system contractor, Errigal Contracts have confidently installed Wraptite System from **A Proctor Group** at the newly constructed student accommodation at Angel Lane, London, thanks to its fire rating, which complies with the 'loss prevention council' insurers directive. Wraptite is a low-resistance vapour permeable air barrier wall underlay, which is durable, flexible and lightweight. Wraptite Tape is an airtight, tear resistant tape with high vapour permeability for internal and

external applications. Used together these components provide a simplified and robust method of achieving improved airtightness.

01250 872261 www.proctorgroup.com

enq.146



Iconic design will be at the heart of university campus

Home to the research institute that created Dolly the sheep – the first mammal to be cloned from an adult cell – the University of Edinburgh's Easter Bush campus is the focus of some very big plans. Jess Unwin reports

The university is six years into a four-phase, 20-year development of the campus to establish it as a world-leading centre of excellence for animal science. The Roslin Institute, which brought Dolly into the world in 1996, has already relocated there. Phase three of the development includes the £32 million Innovation Centre and Campus Hub, which will act as a gateway to the rest of the campus

with its iconic styling making it very much stand out from the surrounding facilities. Atkins, the global design, engineering and project management consultancy, was selected through a design competition to bring the university's vision to life. Neil McLean, Associate Director at Atkins and Head of Architecture – Scotland, reveals: "This is intended to be a unique building in that it's meant to be the very heart of the



© Atkins

campus for the people located there.”

The 7,000m² building brings together veterinary students, university staff and research scientists in much-needed shared facilities: a gym, student services, cafe, teaching laboratory and exhibition space. Above that will be research and development ‘incubator’ laboratories and offices, to be let out commercially to bioscience companies at different stages of maturity, including start-up, that have appropriate synergies with the activities of the campus.

The new building will also benefit the local community: it is home to the Midlothian Science Centre, which will provide a teaching laboratory to be used by the public, especially schoolchildren, via school visits/placements and science days in order to encourage and stimulate interest in science. It will provide access to scientific equipment that cannot be easily resourced or supported within a school environment and will work with local schools to support science teaching staff. The gym and shop will also be available for public use as well as for those working on the campus. Neil says: “The University of Edinburgh is quite keen that the building become something

of an outreach centre to breakdown barriers between campus users, the university and the wider community.”

Neil says Atkins worked with local planning authorities “to break the mass of the building down” so that when viewed from the Pentland Hills to the north of the campus the building would be visually sensitive to the wider agricultural surroundings, which includes smaller-scale structures.

He continues: “To this end the building expresses itself as two elements. One is a grounded triangular block, clad in natural stone, a green wall and glazing. Its shape leads people from the north end of the campus through to the entrance of the building. In contrast, the other is an elevated glazed ellipse form. Together, they create a unique identity.”

The glazing features a geometric pattern that’s designed to resemble leaves, making a connection with the surrounding landscape, and at night creating a dappled light effect.

A central atrium entrance area linking the two parts of the building creates a visual connection between the north and south areas of the campus. It will also frame a view from the entrance back towards the Pentland Hills and a proposed

Continued overleaf..

BUILDING PROJECTS

The 7,000m² building brings together veterinary students, university staff and research scientists in much-needed shared facilities: a gym, student services, cafe, teaching laboratory and exhibition space. Above that will be research and development 'incubator' laboratories and offices, to be let out commercially to bioscience companies at different stages of maturity, including start-up, that have appropriate synergies with the activities of the campus



central green space on the campus.

Neil explains the building structure is post-tension flat concrete slabs, which allow for maximum adaptability and flexibility within – a key driver and requirement. This means the laboratory and office spaces can be formatted in open-plan, group or small-scale arrangements with no changes to the servicing strategy. Neil adds: “We don’t know yet exactly how new tenants will want to use the space and the building has to be able to accommodate their requirements. So, we examined facilities of a similar nature to establish what tenants might require but then set a very loose, flexible building that

could adapt and accommodate both those requirements and those we’ve not thought of.”

The building’s category 2-level laboratories (category 4 is the highest level) allow for an overall approach that encourages, as much as possible, open-plan spaces that “foster a sort of community feeling between the people who use the building”, says Neil.

Sustainability is also a key driver with the Innovation Centre and Campus Hub targeting a BREEAM excellent rating as a minimum and an ambitious 60 per cent CO₂ saving over 2007 Scottish Building Regulations. The

Continued on page 28...

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‘The building structure is post-tension flat concrete slabs, which allow for maximum adaptability and flexibility within – a key driver and requirement’



post-tension flat concrete slabs will allow for exposed soffits within office and shared facility areas, bringing the benefit of thermal mass cooling and storage. The aforementioned green wall is a soil-based living wall system, complete with irrigation.

Another passive strategy for high sustainable performance is orientating the building with offices facing north, which means a mixed-mode cooling and heating strategy can be adopted within those spaces, avoiding the need for traditional mechanically cooled systems.

Energy Centre

When Atkins began considering other sustainability issues, like the best way to provide electricity, heating and cooling, a standalone Energy Centre was proposed to serve the Innovation Centre and Campus Hub. However, subsequent studies demonstrated the benefit of this being linked to all buildings within the campus, both existing and future. The result is that Atkins is also now designing an Energy Centre



project bytes

Visit the website
www.architectsdatafile.co.uk
and enter the reference
number for more information

Turley secures permission for flagship LSE campus development..
Ref: 98163

Work progresses on brand new Primary School for Rushden...
Ref: 22254

Architects on site to address growing demand at school...
Ref: 38259

that will provide the energy requirements of the entire Easter Bush Campus and its Advanced Computing Facility – that's eventually some 20 buildings in all.

Stephen Clark, Principal Engineer, Design & Engineering at Atkins, explains that a tri-gen CHP system will supply heating, electrical power and also cooling. An absorption chiller will reuse some of the heat given off by the electric generator to make the cooling function possible.

The 1.5MW CHP engine is just the starting point for the

Energy Centre, with contingency planning for more plant if required as the campus grows. The university's overall plan for Easter Bush is to reduce its carbon footprint by 20 per cent.

Construction of the Innovation Centre and Campus Hub and the Energy Centre is currently planned to commence this spring, with completion before the end of 2017. The overall Easter Bush master plan for redevelopment is set to cross the finish line in 2025. Easter Bush already has the largest concentration of animal science-related expertise anywhere

Continued overleaf...

'The university's overall plan for Easter Bush is to reduce its carbon footprint by 20 per cent'



in Europe, but it aims to become internationally recognised in animal science by 2025, leading efforts to address livestock improvement, food security (the ongoing availability of food) and alleviation of poverty in developing countries.

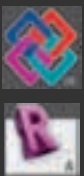
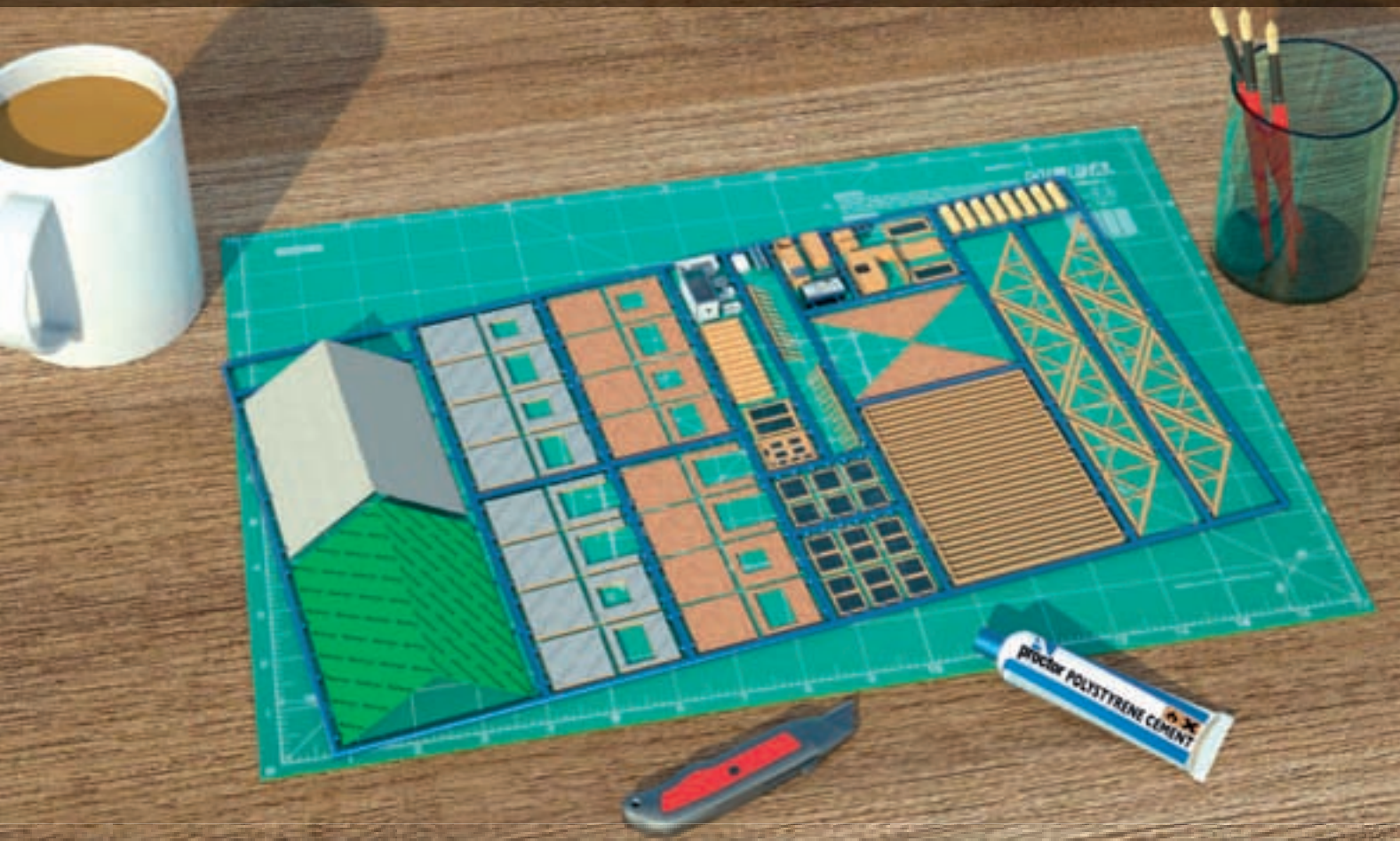
Philip Watson, Atkins UK design director, said: "Universities around the UK are working harder than ever to attract students, staff and wider investment. Good design has a key role to play in meeting these strategic goals, which is why we've grown our education studio over the past couple

of years."

Val White, Easter Bush Campus Operating Officer, believes the Innovation Centre and Campus Hub will act as "a vibrant interactive core at the heart of the campus at Easter Bush" and will continue to "reflect the ongoing synergy between the Vet School, The Roslin Institute, Scotland's Rural College and our research partners by providing a physical collaborative gateway to the commercial activities on the campus".

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School hygiene bettered by design...



A new resource has been developed to help 'get it right' when specifying hygiene rooms for educational buildings. The Department for Education has updated its Building Bulletin 103 Area Guidelines for Mainstream Schools, which, for the first time, lays down a minimum size and required equipment for a school hygiene room. To simplify the specification and design process, **Clos-o-Mat**, one of the country's leading hygiene room providers, has produced a CAD drawing available for free download from its website. The CAD drawing compliments a raft of additional hygiene room technical support data already developed by the company, and accessible via a dedicated section of its website.

0161 969 1199 www.clos-o-mat.com

enq.149

From dull to delightful with Dr. Schutz



Hibaldstow Primary School in Hopfield has recently undergone major renovations, transforming its dated and dark main hall into a personalised and bright area for the children to enjoy. Thanks to the design and specification of **Dr. Schutz** PU Sealer and PU Design, this has all been achieved at a third of the price for a full floor replacement. Having been quoted over £6,000 for a floor replacement, the school requested an alternative solution. The solution was Dr. Schutz refurbishing products – PU Sealer and PU Design. Floor Safe renovated the floor back to their original state and then applied Dr. Schutz PU Sealer. The Sealer guarantees six times higher long-term protection against friction damage than a floor replacement.

01296 437827 www.dr-schutz.com

enq.151

Helping deliver best value, ecologically



A Blackpool engineering company is playing a key role in making a brownfield site as green as possible. Central to the redevelopment is construction of a 720-pupil primary school with associated 90 place nursery – The John Locke Academy. Alongside a green roof, ground heat source and solar lighting, the Academy features natural ventilation supplied by **Gilberts of Blackpool**. Gilberts' louvres are strategically located alongside windows on one façade to provide single sided natural ventilation. In addition to ensuring the air quality within remains within DfE guidelines, Gilberts' louvres enable the ventilation strategy to achieve 'free' night cooling.

01253 766911 www.gilbertsblackpool.com

enq.150

Protecting long-term investment



Protecting a £1.4 million long-term investment should be plain sailing through use of state-of-the-art technology at a new pre-school nursery. The advanced technology applies not only to the education and care provision, but extends through to the building design and materials, according to owner Stuart Carr. The stainless steel and aluminium structure is complimented by 'maritime grey' **Protan SE1.6mm** single ply membrane across the seven curving and monopitch roof areas. Protan SE is developed to cope with even the most extreme weather conditions without detriment. Hot-air welded at joints and mechanically fixed to the roof, the membrane achieves durability of over 30 years.

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enq.152

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enq.153

Creative canopy to protect parents from the elements



Little Ripley Day Nursery, Sutton Coldfield has been working closely with street furniture specialists AUTOPA Limited to create and install a waiting canopy for its new nursery. Located at Withy Farm, the nursery is surrounded by open fields and, as a result, fully exposed to the elements. Nursery staff wanted to install a canopy that would add to the fun and

vibrant atmosphere they envisioned for their newest location, while also offering waiting parents protection from the elements.

AUTOPA designed and manufactured the canopy in-house at its works in Rugby. Designed specifically for the nursery, the canopy was manufactured using mild steel, galvanised for longevity. Each of the steel sections were individually powder coated in a variety of primary colours to match the site's cheerful design scheme.

Although aesthetics were of great importance, with space for 60 children aged between 18 months and five years it was crucial that the canopy's design was child friendly. Therefore a number of child specific features were added to the design. To reduce the risk of tripping over the canopy's legs a cantilevered design was suggested and chosen. Meanwhile, round rather than square legs were added to reduce the risk of injury should a child run into them. Finally, the canopy's roof

was angled towards the main building, ensuring that any rainwater flowed into building's existing guttering and not onto parents waiting below.

When the qualified AUTOPA installers left site, they left the nursery with a bespoke canopy that is guaranteed to last for many years to come. The response from both the architects and the nursery staff was unanimously positive. The architects were thrilled with the way the canopy "enhanced the building's appearance" while the nursery staff were delighted with the "excellent service given from planning through to installation"

01788 550556 www.autopa.co.uk

enq.154



State-of-the-art university new build is safe and secure thanks to Schlüter

An array of innovative Schlüter-Systems products have been used in the building of a state-of-the-art academic facility at Bath Spa University. Playing an essential role in the visually stunning facility at the University's Newton Park campus, Schlüter's maintenance free movement joints Schlüter®-DILEX-AKWS and Schlüter®-DILEX-BWB were specified for the build, as well as its distinctive orange waterproofing membrane, Schlüter®-DITRA. Schlüter's products were installed throughout the new academic building named 'Commons', both in the atrium and in the facility's washrooms. Schlüter-DILEX offers the ultimate in flooring protection and is ideal for use with floors that are exposed to pedestrian traffic as the stainless steel movement joints ensure that tiles won't bulge, dent or crack. While Schlüter®-DITRA acts as a universal substrate for tile coverings offering a proven solution for uncoupling and bonded waterproofing. It remains unique to the market due to its geometry which allows for the absorption of lateral movement in each direction.

01530 813396 www.schluter.co.uk

enq.155



Trouble free parking at Tondy Primary School

Parking for school buses and cars can be a problem outside many rural schools but not at Tondy Primary School near Bridgend, South Wales. An extensive asphalted parking area has been created next to the school with surface water drainage channels supplied by Hauraton Limited. 150 metres of FASERFIX® KS 100 channels fitted with Class E600 ductile iron gratings were installed by Churngold Construction Limited in the school bus drop-off area with a further 50 metres of RECYFIX® PLUS 100 Class D400 channels in the adjacent car park. All the gratings had 6mm HEELSAFE slots. Hauraton FASERFIX® channels are manufactured from the company's Fibre Reinforced concrete while the RECYFIX® channels are made from tough, 100 per cent recycled polypropylene (PP) Both channels have galvanised steel reinforcement housings that take the gratings. For the full case study go to www.drainage-projects.co.uk.

01582 501380 www.hauraton.co.uk

enq.156

Encasement helps create a 'green' environment at Farnborough Sixth Form College

The Greenhouse, Farnborough Sixth Form College's purpose built social space for students, is using 20 rectangular Quadra column casings from Encasement, finished with a durable 'cactus green' coloured laminated finish, to conceal structural steel columns and integrate with the building's interior design.

Ranked as 'outstanding' by OFSTED, Farnborough is a member of the Maple Group, a partnership of 11 leading sixth form colleges in England, whose members have been named 'State 6th Form College of The Year' by The Sunday Times, for the past three years.

Standing 2,890mm high, the Quadra column casings are spaced around the perimeter and in the centre of the large open plan communal space, which provides a practical and aesthetic solution for concealing the structural steelwork.

Manufactured from strong 8mm thick plywood, which is pre-formed into the Quadra's final dimensions of 220mm x 400mm, the casings' green Polyrey C049 bonded laminated finish is designed to resist scuffs and damage in high traffic areas. The casings also incorporate matching infill

strips to give an integrated finish to the vertical joints, while also using a 100mm high grey skirting collar to add contrast to the design and integrate with other elements of the building's interior.

Managing Director, Martin Taylor, explained: "Quadra casings are the perfect solution for The Greenhouse and form part of our extensive

column casing range that also includes Circa pre-formed plywood products and our Forma metal casings, which are widely used throughout the education sector for interior and exterior applications in public areas, classrooms and lecture theatres, as well as for main entrances and foyers."

01733 266 889 www.encasement.co.uk

enq.157



Yeoman shield solves wall protection puzzle



Yeoman Shield recently supplied and installed its Imagery wall protection panels – panels incorporating images, shapes and signage – to corridors in the residential block of Bleasdale School. The school caters for both day and residential pupils aged 2 to 9 years old with

profound and multiple learning difficulties. After liaising with Yeoman Shield's Area Sales Manager, Russell Smith and taking a look at the portfolio of other school projects undertaken by Yeoman Shield, the school chose the Jigsaw Pattern with a HessianEx textured finish for the bedroom corridor in shades of green. "The vibrant colours and the textured finish is an added sensory benefit for our residents who use these corridors." Said the School's Bursar, Val Tomlinson.

0113 279 5854 www.yeomanshield.com

enq.158

Heradesign leads the way with acoustics



© Simon Kennedy

Heradesign from Knauf AMF Ceilings has been installed in a new school building that caters for pupils with complex special needs. The design is a single storey level access construction, enabling the children to move around independently, and benefit from modern classrooms and large communal spaces. Knauf AMF was chosen to

meet a number of performance requirements in these areas. Architects Haverstock specified Heradesign for the school's corridor and entrance space. Heradesign is very versatile and can be colour-matched to almost any colour including those from popular systems such as RAL, NCS or StoColor.

020 8892 3216 www.amfceilings.co.uk

enq.159

Architects Datafile website



The Architects Datafile (ADF) website is an online provider of past and present products and news items for the architect or specifier. architectsdatafile.co.uk is a one-stop source for all the latest press releases providing any visitor with access to information about products and services that they may require. From the website, you can find links to digital issues that have live links to advertisers' sites, as well as daily email alerts to keep you as informed as possible.

www.architectsdatafile.co.uk

Record year for McAvoy Group



Permanent modular construction specialists, **The McAvoy Group** are poised for a record-breaking year with around £75 million worth of projects in the pipeline for 2015. McAvoy, which uses off-site methods of construction to deliver fast track,

eco-friendly projects, confirmed it had been awarded preferred bidder status on 12 new contracts in the education sector in Britain and Ireland. McAvoy is a principal contractor under the Crown Commercial Service (CCS) framework and funded by the Education Funding Agency (EFA).

028 8774 0372 www.mcavoygroup.com

enq.160

Bishops House Children's Centre – Made warmer, quieter and cleaner by Selectaglaze Secondary Glazing



Nestled next to the normally tranquil Kennington Park, and surrounded by other beautiful listed buildings lies Bishops House Children's Centre. Originally intended for the Bishop of Rochester and built in 1895, he wanted it to be passed on to the community and used by the local children.

In 2004 his wish was fulfilled with it becoming a dedicated children's centre and since then has transformed to an Early Years Centre. The central

chapel of this Grade II Listed impressive Georgian style building has now been converted to the reception for the Early Years Centre.

However in spring 2015 the Northern line extension works are to begin in earnest, which will disrupt the environment of the nursery until at least 2020 when it is due to open. The current single glazed windows offer minimal acoustic protection and any ill-fitting frames also allow dirt and dust into the building.

In order to maintain a quiet, clean and comfortable environment for the users of the nursery, Selectaglaze was tasked with providing a solution using its bespoke secondary glazing systems as a result of similar works completed on the Crossrail scheme.

A fully independent tailor made window system set 100mm or more from the existing window achieves a noise reduction of 43-45dB and high performance frame seals both limit airborne sound

and trap the dirt and dust.

With the property being Grade II Listed, secondary glazing is a great solution as it is a reversible adaptation. Selectaglaze produced sympathetic designs for listed building consent using sliding and fixed systems with locks to ensure permanent protection.

Selectaglaze are a leading specialist in secondary glazing, established in 1966 and granted the Royal Warrant in 2004. Selectaglaze has an extensive range of products to suit all projects from listed properties to new build. The company offers a wide range of tested products covering acoustic and thermal performance as well as protection against intruder and blast mitigation. A free technical advisory service is offered and a RIBA approved CPD is available to Architects and Designers.

email: enquiries@selectaglaze.co.uk

01727 837271 www.selectaglaze.co.uk

enq.161



Timber cladding passes with flying colours



Seddon Construction have again opted for Canjaere Classic timber cladding for their second school project in Burton, at the Scientia Academy. This time in Natural colour, the Canjaere Classic, supplied by the A. Proctor Group, will look good for years to come thanks to its 30 year warranty

against rot and decay. The Canjaere Classic range combines the beauty of natural wood with preserved, pre-finished characteristics. This sophisticated oil treatment protects the timber by inhibiting moisture pick-up. The new Scientia Academy will create places for around 420 foundation and primary school stage pupils.

01250 872261 www.proctorgroup.com

enq.162

C-TEC's touchscreen ZFP fire panel excels



A £4.6 million co-educational special school and college in St Helens, Merseyside is being protected by C-TEC's revolutionary touchscreen controlled fire panel. Mill Green School, a fabulous new learning environment for 11-19 year old pupils, was completed in August. C-TEC's powerful EN54-compliant

4-loop ZFP addressable fire alarm panel is at the heart of the life-safety-systems at the school. Connected to a multitude of C-TEC's addressable voice sounder beacons and Apollo XP95 Xpander radio devices and detectors, the ZFP has 40 programmable zonal indicators which, in the event of a fire, will pinpoint exactly where it is in the building.

enq.163

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Kemmlit's cubicle systems a firm favourite



As part of the £45 million development of Cheltenham Racecourse which includes a five and a half storey high grandstand, the renovated and extended See You Then bar was one of the first parts of the racecourse to reopen. For the bars' refurbished washroom facilities,

Kemmlit's Cronus and Apex Cubicle Systems were specified by the Racecourse project management team. Cronus is a fully framed and versatile cubicle system that can be used for dry or wet areas. Cronus is a fully framed and versatile cubicle system that can be used for dry or wet areas. The panels are made from 13mm solid grade laminate (SGL) with a special overlay to protect them against abrasion, wear and scratches - making them the ideal solution for this type of demanding environment.

enq.165

Yeoman Shield is the perfect recipe for doors



A staff restaurant run by catering company Gather & Gather in a prominent business centre in Leeds needed to solve the problem of damaged doors connecting the back of house kitchen area with the front of house dining area. **Yeoman Shield's** directly employed fixing team installed 2.0mm thick door protection panels with a FalmouthEx finish to both sides of the double swing kitchen doors in a Buff colour. One hour fire rated door edge protectors were then installed to both the leading

and hinged edge of the doors which were then finished off with a low level kick plate in a contrasting Brown.

0113 279 5854 www.yeomanshield.com

enq.166

LEVATO MONO porcelain paver system

As specified at Wexham Medical Centre, Berkshire
Barbara Weiss Architects

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enq.167

Las Iguanas restaurant, Woking

The idea of simply putting down a few packing cases and creating a bar would not last long with the planning authorities in the UK, but at the latest Las Iguanas restaurant opening in Woking that was exactly the feel that designers B3 were looking to create. Steve Menary reports



© B3/Las Iguanas

Las Iguanas is the latest in a series of major new eateries to open up in Woking as the restaurant chains respond to a major regeneration programme in the town. For B3, the designers on the project, the scheme is a further opportunity to develop the Las Iguanas brand and the ambience that the Latin American-themed chain is looking to recreate.

"When we were brainstorming, we thought about how you would set up a bar in Brazil. You would rock up with a truck and some crates and create a bar," says B3 senior designer Mark Bithrey.

"There's a very Latin American feel and they have certain criteria. They don't like naked light bulbs, for example. So we

took that idea on board and moved it forward. It's leaning towards Brazilian energy, what we refer to as favela chic. We spend a lot of our time convincing the client that it's cool."

The Woking project will produce a restaurant and bar with more than 200 covers and is the first Las Iguanas opening in Surrey. The town has attracted a number of other leading restaurant brands along Commercial Way, including Bill's, Carluccio's and also Tante Marie's Culinary Academy restaurant, which has taken two floors in the refurbished Alexander House.

All of this is part of a town centre regeneration programme called Woking Works. This initiative includes a new 80-metre

Continued overleaf...

**BUILDING
PROJECTS**

‘Amongst the various options we considered, Woking stood out; the town not only has a clear vision, but through the actions of the Council and the other stake holders it is proactively, and very effectively, delivering it’

Eren Ali, the managing director at Las Iguanas



© Steve Menary



© Steve Menary

link road connecting Monument Road and Albert Drive, while Irish contractor McLaughlin & Harvey has been carrying out a programme of public realm improvements ranging from new granite paving, street furniture and lighting to planting new species of Sweetgum and Elm trees and facade and canopy enhancements to Wolsey Place Shopping Centre.

Property company Moyallen has spearheaded this regeneration with Woking Borough Council. The catalyst was the acquisition in 2009 by Moyallen, which already held a controlling stake in Bandstand Square in central Woking (the head lease on the main shopping centre, the Peacocks). Founded by Craigavon-based frozen food magnate Peter Robinson, Moyallen reportedly paid British Land £116 million for the head lease with the council retaining the freehold.

Food has been a key ingredient in the regeneration. A redeveloped Market Walk opened in autumn 2014 featuring kiosks, including a butcher's, greengrocers, fishmongers and a delicatessen all offering fresh produce. This regeneration has added 21,551 square foot of extra restaurant to Commercial

Way, and this proved an attraction for Las Iguanas.

"The sense of momentum in Woking is tangible, that is what drew us to Woking," says Eren Ali, the managing director at Las Iguanas.

"Amongst the various options we considered, Woking stood out; the town not only has a clear vision, but through the actions of the Council and the other stake holders it is proactively, and very effectively, delivering it."

Despite the name and brand, Las Iguanas is a UK business and started up in 1991 with a view to creating a restaurant brand that combined fresh ingredients with the native Latin American, Spanish, Portuguese and African influences that can be found in South American cooking. Las Iguanas now trades from over 35 locations in the UK and every restaurant provides a range of vegetarian, vegan, gluten free and Halal meat options.

McLaughlin & Harvey has also been working on the shell of the new Las Iguanas restaurant in Woking for the landlords to providing a clean shell for the chain's own construction team



Pictured far left: The client has specified what B3 describe as a 'sunset wall' which is intended to give them impression of the sun going down and must be painted coral.

Pictured left: Ms Manolescue sourced second hand wooden joists for the restaurant ceiling to provide a distinctive feel that fits in with the favela chic motif

to start work. Consultant Gardiner & Theobald is also working for the landlord and has been liaising with B3 and Las Iguanas as the two previous units - an estate agents and a travel agents - are merged into a single 3,500 square foot space a cross two floors to cater for the restaurant and bar.

In Woking, the ground floor will accommodate the kitchen, restaurant and bar, while the first floor will feature the toilets and the management office. However, design of the Las Iguanas restaurant is individual to each branch with work also overseen by an in-house team.

After completing a raft of projects for Las Iguanas, B3 has developed five or six different designs across different sites. "We are still trying to retain a feeling of quality," says Mr Bithrey. "But because it's a chain we made sure there are some different elements throughout, so they are not all the same."

B3 first began working with Las Iguanas at Mermaid Quay in Cardiff a few years ago as the group looked to expand as the overall economy emerged from recession. Mr Bithrey explains: "When the recession hit, they took a bit of a breather

to see what the market was doing and they realised that their market was holding up.

"In that period, they analysed the brand and realised they needed a fresh pair of eyes. So when we got involved it was an opportunity to look at the brand. When we started on Mermaid Quay, they wanted to explore their look.

B3 subsequently developed a strong relationship with the chain and has worked on new Las Iguanas openings in Bristol, Derby, Kingston, Norwich and Wembley, along with a number of refurbishments.

"They like a lot of fun; they're a fun brand" says Katy Manolescue, B3's senior designer on the Woking restaurant. "They appeal to a younger crowd and also large groups and families, so they transcend age groups. They are colourful and energetic. We've all become accustomed to it becoming too polished and chic."

The aim is to provide a venue that is clearly not a pub, but not solely a restaurant either and the décor and design offering must reflect that. "The atmosphere and the music is quite

Continued overleaf..

'The design is intended to reflect the resourcefulness of Brazil'



flamboyant," adds Mr Bithrey.

That approach has seen B3 and the Las Iguanas construction team look not in builders' yards for construction materials, but in salvage yards and on eBay. Ms Manolescue sourced second hand wooden joists for the restaurant ceiling to provide a distinctive feel that fits in with the favela chic motif.

Some of the walls will also be covered with reclaim sash and Georgian wooden windows sourced from a salvage yard and to be painted in what B3 describe as "poppy, vibrant colours."

The design is intended to reflect the resourcefulness of Brazil. Mr Bithrey adds: "We have got some crates, a TV, light fittings and fans and illuminated it. When you look at it, you are thinking it's been knocked up in 30 minutes before the restaurant opened."

Of course, what appears loosely assembled is all firmly attached but B3 have also taken the opportunity to incorporate the concrete coffer ceilings in the bare shell that the construction team into their restaurant design. Mr Bithrey says: "We try to respond to the space we are given. The ceiling



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referenced Brazilian architecture and that got us excited.”

The other materials specified in the B3 design include encaustic concrete tiles in a variety of colours. The hand-glazed tiles have been sourced from a Spanish company, Mosaic del Sur, which manufactures the tiles in Morocco.

The tiles will run up to dado rail height. The design will also feature murals on some of the brickworks to reference the Latin American feel.

In some Las Iguanas restaurants, granite floors have caused maintenance issues. In Woking, B3 has specified tiles with a

variety of intricate patterns in keeping with both Latin America and the favela chic notion.

However, Las Iguanas are not looking for excessive colour. “They don’t like too strong a colour; they like their sunshine yellow,” reflects Ms Manolescue. The client has also specified what B3 describe as a ‘sunset wall’ which is intended to give them impression of the sun going down and must be painted coral.

Internally, the scheme will occupy two floors but the outside is a double height atrium, which is stepped out into the

Continued overleaf...



© B3/Las Iguanas

shopping centre. That has enabled the design to include 45 seats outside and also allowed B3 to specify neon vertical signs in keeping with their favela chic theme.

The programme of work in Woking is expected to take around nine weeks to complete, but the wider regeneration project has already proved popular. Moyallen won a gold award from the British Council of Shopping Centres for their work in Woking town centre at the end of 2014.

For B3, once the Woking Las Iguanas is up and trading, the practice will be focusing its efforts on the next new opening in Swansea as the notion of favela chic is rolled out with the Las Iguanas brand.

Project details

Project: Las Iguanas restaurant

Location: Woking

Value: Circa £900,000

Client: Las Iguanas

Architect: B3

Project manager: Robin O'Brien Associates

Main fit-out contractor: Thompsons

Kitchen contractor: Sprint

Lighting contractor: Into

Mechanical & electrical contractor: TRMS

Comar complete a new build Costa Coffee



Comar Architectural Aluminium Systems; with its approved fabricator PAGE Group Peterborough Ltd, has completed a new build Costa Coffee drive-thru restaurant in Bedford. Comar 6EFT stick build curtain walling was specified for this project. Comar 6EFT provides a capped curtain walling solution and offers

architects the opportunity to maximise large glazed areas as it has the slimmest sightlines available, making it the perfect choice for the glazed facade of this restaurant. PAGE Group Peterborough Ltd liaised closely with the specifiers to provide design advice and detailing to ensure the project ran smoothly.

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enq.168

BIM data files for all ROCKPANEL® facades



Building Information Modelling (BIM) is an increasingly important aspect of the planning and implementation of construction projects. In order to help with this process, the ROCKPANEL Group now provides BIM data files for the full range of its sustainable facade panels, which spec-

ifiers can freely access and insert into digital building models. The files are compatible with Revit and ArchiCAD and can be downloaded via the website. BIM data files can be used to create a realistic visual display of buildings and improve the reliability of communication on planning and among the various trades involved, including architects, engineers, and contractors during construction.

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Talking sewers and the legislation shaping our infrastructure

In 2011, regulations came into play that would see the maintenance of private sewers become the responsibility of water and sewerage companies. Damian Whelan at Xylem talks through the heritage of our sewerage system, the importance of the Sewers for Adoption initiative and the implications for architects



Water availability, treatment and sewerage are not new concerns, with references dating back to the 19th Century. In fact, the water networks and sewerage disposal systems we have in place today came in force under the Public Health Act 1936, under which all sewers in existence on 1 October 1937 became public. Our current sewerage systems, particularly in the capital, were actually constructed in the 19th Century under engineer Sir Joseph Bazalgette.

The system was world-leading at the time as Bazalgette designed and constructed six main interceptor sewers to connect with the existing sewers and pumping stations, across London, totaling almost 100 miles in length. While much of

the sewage could travel by gravity, the development also saw the construction of a number of new pumping stations to help ease the flow in some areas of the city.

In the next decades, a series of further improvements were made, including the provision of private drains and sewerage for the majority of UK homes. Move forward a century and under the Public Health Act 1936 section 24, all sewers in existence from 1 October 1937, became public. Yet from 1937 onwards, the rules changed and any built after that date, serving a single property, were known as private. It is due to these changes that many are confused about the rules and regulations surrounding new and existing buildings.

Continued overleaf...

'For architects or consultants and even water companies, that are unclear about the changes and appropriate solutions to meet the regulations, some good advice would be to consult experts'

Changes to the regulations and adoption

To help clarify matters, under section 42 of the Floods and Water Management Act 2010, UK government legislated for the mandatory adoption of all new sewers and lateral drains. Further detail was then published in the DEFRA document entitled – 'the private sewers transfer regulations' in 2011. It was within this document that DEFRA highlighted that a large number of people are at a disadvantage by their responsibility for their private sewers; paying both the water and sewerage companies for services while also managing the upkeep their private sewers.

Labelled 'unfair' by DEFRA, the regulation would ensure the most comprehensive solution to the problems associated with private ownership; namely the burden of maintenance and repairs on the systems.

Private pumping stations

Private pumping stations form an important part of the drainage regulations and it's important to consider two key elements; for consultants and framework partners working alongside water utility companies they will be advising on adoptable stations and upgrades. Architects however will be involved in new Sewers for Adoption designs that will need to meet the current standards set by the adopting authority.

The transfer of pumping stations has been progressive over

the last four years, with the final deadline being October 2016. In general terms, a packaged pumping station would not be suitable for safe and serviceable upgrades commissioned by the Water and Sewerage Companies but, would be suitable for replacements or for new type one and type two pumping stations for new housing developments, in compliance with Sewers for Adoption guidelines that meet the required standard for the adopting water authority.

Simply put, before a housebuilder or developer makes a connection to the public sewer or in fact, creates a new drain or lateral drain – they must establish an agreement under section 104 of the planning act, with the local water and sewerage authority.

Therefore for architects or consultants and even water companies, that are unclear about the changes and appropriate solutions to meet the regulations, some good advice would be to consult experts. For example, some expert companies can refurbish, design and deliver a Packaged Pumping Station that not only conforms to the standards required for pipework, valve layout, pump types, level and control specifications, but also benefit from having a patented design and quality assurance.

While the changes over the last four years may seem numerous, the fundamental elements of the directive ensure that the UK's water and sewerage systems remain closely regulated and, that more importantly the burden on customers is reduced.

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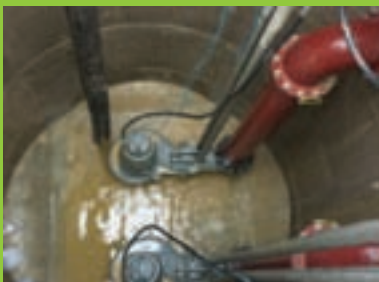
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enq.178

Sika Sarnafil chosen for Walkie Talkie's walkways



At a dizzying 160m (525ft) tall, London's distinctive Walkie Talkie building required an exceptional roofing solution. Fenland Roofing and Sika Sarnafil single ply were up to the challenge. The roofing product had to be carefully selected as it needed to curve in two directions due to the unique design of the building. Sarnafil

G410-12EL single ply provided the perfect solution to this design criteria, thanks to its excellent flexibility and weldability, while offering outstanding resistance to weathering, including permanent UV irradiation. This was installed in Lead Grey to the BMU Track and covered with SarnaTred walkway tiles.

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enq.179

Protecting under pressure



Made from high density polyethylene, Delta-EQ Drain from Delta Membrane Systems is a dimpled sheet with laminated polypropylene geotextile suitable for situations where a high pressure drainage sheet is needed to protect a waterproofing installation. Both the dimpled sheet and the geotextile are black in colour, with the dimple height

measuring 9mm and the air gap between dimples being 7.9 litres/m². Other features include the ability to work effectively within a wide temperature range (from -30°C to +80°C), and impressive compressive strength characteristics of some 200kN/m². Delta-EQ Drain has no adverse effects on drinking water, and it offers high levels of resistance to bacteria, alkalis, chemicals and root penetration.

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enq.181



Vandersanden awarded ISO certification

Belgian brick and pavers manufacturer, Vandersanden Group, has been awarded the ISO 14001 certification, the international environmental management standard. This certification is awarded to companies that document and regularly review their systems and products with the aim of reducing waste and pollution. This confirms all Vandersanden production plants have firmly rooted environmental awareness in all operations. The certificate is based on three areas: compliance with legislation and regulations; management of environmental risks; and ongoing improvement of environmental performance. This can be in the areas of emissions, waste and the use of raw materials and energy. Vandersanden has demonstrated sustainability is at the heart of its processes for many years. The company only uses collected rain and ground water in its production processes, with no dumping of industrial water. The company has reduced its energy consumption by 50 per cent since 1983.

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enq.183

BS5534 Compliance for Roofshield



In 2015, the latest version of the BS5534 Code of Practice for Slating and Tiling will be one of the hottest topics in the construction industry. After years of discussion, this new document introduces significant changes to the design, specification and installation of roofcoverings and underlays. The A. Proctor Group contributed to the

development of this standard and as such have fully compliant specifications available immediately. Roofshield can continue to be used across the UK, with few, if any, special measures required. This, in addition to no requirement for high level ventilation or the use of a vapour control layer, ensures Roofshield remains the simplest and most cost effective method of achieving regulation compliance.

01250 872261 www.proctorgroup.com

enq.180

Trust in maturity



According to Housing Minister Brandon Lewis in a recent statement, firms that do not use new technology to speed up housebuilding risk being left behind. However, Durisol UK would argue that its well established construction system – which has been around for decades – is equally suitable

for achieving a quicker build. With the Durisol system, the specially designed blocks are simply placed on top of one another, with staggered verticals, and are then filled with concrete to create a rigid, well insulated, durable structure without the need for mortar joints or specialist bricklaying skills. The 365mm width block used for external wall construction has pre-installed PIR insulation or Graphite polystyrene to further enhance the insulation values.

enq.182



Train Station showcases refurbishment

In a standout project by national roofing company Briggs Amasco, as part of refurbishment works at West Kirby Railway Station, the main platform now includes 900 sq m of Sika Liquid Plastics roofing system. As part of the West Kirby Railway Station building and refurbishment works, Network Rail, under CP4 funding, issued the contract for the station roof repairs to Briggs Amasco. The station refurbishment included a new roof, stripping and painting of the underside of the station canopy, CCTV installation and new lighting. Briggs Amasco installed 900 sq m of Sika Liquid Plastics roofing system, including a Decothane Delta 25 Liquid Plastics product with 120mm thick Decotherm insulation and Decothane base and top coats. These materials were chosen for their long life span and environmental credentials, as required by the client, with the cold applied system resulting in an eco-friendly application.

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enq.184

Argent Alu: invisible integration of doors



Thanks to the invisible door frame argenta® invisidoor® DL of Argent Alu, a part of the RENSON Group, the door closes perfectly in line with the wall, without any door frame nor hinge being visible. This argenta® invisidoor® DL is standard supplied with a magnetic lock, a seal around the frame absorbing door closing impact and the invisible adjustable hinges type argenta® invisible neo.

The argenta® invisible neo, made of zamak, is available in 3 versions. The compact S-5-version is suitable for doors with a minimal width of 35 mm and a weight up to 80kg, while the M-6-version is made for doors with a width of minimum 40 mm and a weight up to 100kg. In order to meet the requirements of the market, Argent Alu also developed the L-7-version, which is ideal for doors with a minimal width of 50 mm and a weight up to 150kg.

It doesn't matter in which direction the door opens, the argenta® invisible neo is always suitable. Furthermore, there are no screws visible, which allows a clean integration. The Easy-Hook® system allows installation and setting by a single person. After installation, the height, width and depth are easily adjusted (3 dimensionally) without having to dismantle the door or the hinge.

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The Hierarchy of Wood Use Manifesto



Norbord believe that there is no such thing as waste wood, only different ways to waste it. The company also believe that climate change is real. Wood can be used, reused and recycled several times. Norbord believe that government policy toward wood should incentivise its use, and re-use, before it is burned for energy. Current policy instruments are too blunt and consequently have

significant unintended consequences. They need to change. A hierarchy of use is defined as multiple usage of wood resources by using residues, recycling resources or recovered (collected after consumption) resources. Norbord call upon the government to enshrine the hierarchy of wood usage in law – let's not waste this precious resource and increase the speed of climate change.

enq.187

Nationwide Windows steps forward



Nationwide Windows was delighted to present the Tenant of the Year award at the recent inaugural Building Communities in the East Midlands (BCEM) Awards 2015. What's more, the company announced, at the end of the night, a surprise donation of new windows worth £10,000 for the East Midlands based

Steps Conductive Education Centre to ensure a warm, safe environment for the children helped there. Adrian Pavey, Commercial Director at Nationwide Windows comments: "Our ethos is to make a difference for the communities in which we live and work."

01788 569 228 www.nationwidewindows.co.uk

enq.189

Timbmet strengthens panels offer



In a move that reinforces its position as one of the UK's leading panel and timber suppliers, **Timbmet** has expanded its Kronospan Express Melamine Faced Boards stock holding while at the same time adding two new door size laminates from Greenlam and Egger to its range. Kronodesign Trends 2014-15 from the expanded Kronospan Express range of wood based panels are now available for fast delivery nation-

wide. The 13 new decors are all offered on 18mm MFC with matching ABS Edging also available. Kronospan's top end Mirror Gloss collection is also now available from Timbmet with 20 durable, scratch resistant, light and colourfast decors that include 14 colours, 4 wood designs and 2 fantasy decors.

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enq.188

New sheerframe 8000 boasts 8-chambers



Sheerframe 8000, the latest lead-free window system from **Synseal**, now offers a new 8-chambered mainframe option designed to provide an array of specification benefits. Available in popular contour styling, the new 8-chambered mainframe is slim in appearance with a large face to complement the intermediate frame and

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Zinc – extending the boundaries of facade design

Rolled zinc continues to be used more and more as a key feature of the building envelope, with new build and refurbishment projects of enormous diversity providing widespread evidence of its resurgence, writes VM Zinc



'Zinc is a material that requires almost no maintenance while the effect of using colours in combination can be striking'



Traditional facade systems have to be installed with a continuous vented substrate. A standing seam facade is effectively a 'roof on the wall' but the system's popularity stems, in large part, from the fact that the roof can be continued into the wall. The system is lightweight, no more than 7kg/m², and as the name implies seams are crimped, in either a single or double lock, single lock being used to achieve greater flatness. Trays can be installed horizontally, vertically or at an angle on flat and curved walls.

Overall, however, a standing seam facade cannot offer absolute flatness. The development of flat lock panels largely overcame this, providing a simple yet elegant cladding solution. They are characterised by a longitudinal seam which, like a standing seam, can be on a horizontal, vertical, or diagonal basis.

Sometimes referred to as shingles, these panels are also installed on a continuous vented substrate with 180° hems. The system allows considerable flexibility as they can be made in many shapes and sizes – square, diamond-shaped and rectangular being the commonest. The system is of similar weight to a standing seam at no more than 8kg/m².

The development of interlocking and composite panel systems provides a very different visual perspective of zinc. Reveal systems such as those used for interlocking panels provide what is essentially a tongue and groove using variable dimensions for both panels and joints. The reveal joint is fixed using hidden fasteners and fitting to soffits is possible if required. Although slightly heavier than standing seam or flat-lock panel systems – up to 12kg/m² – panels are still classified

Continued overleaf...



as lightweight. They can also be fixed to a metal sub-frame.

Composite panels are a more recent development and consist of two layers of 0.5mm thick zinc either side of a fire-rated, 3mm polyethylene core. The rigidity this provides enables standard flat or folded panels of up to 3,900mm x 900mm to be installed, though dimensions can be as large as 5,900mm x 1,100mm. Installed using the rainscreen principle with a vented air space, they can also be fixed using a cassette system with hidden fixings. Panels weigh no more than 13kg/m² and are generally fixed to aluminium cladding rails.

Scope to manufacture a compact, non-ventilated system changed the traditional design approach following the development of zinc with an underside protective coating. This enabled a greater variety of substrates to be used while eliminating the risk of corrosion in a non-vented build-up. The greater design flexibility this provides has undoubtedly been a major factor affecting specification but designs of increasing complexity have prompted demand from specifiers for long term warranties.

Zinc is a material that requires almost no maintenance while the effect of using colours in combination can be striking. With such extensive design scope, a commitment to the highest contracting standards and a design life of 80 years or more, the upward trend may well, therefore, still be some way short of its peak.

enq.192

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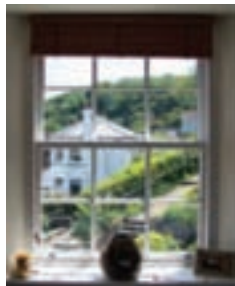
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Levolux gets stuck in for Henkel



A new 36,000 sq ft office development for Henkel, a global leader in brands and technologies, is bringing together its UK workforce in Hemel Hempstead, into a more comfortable, energy efficient building, which is equipped with an external Solar Shading solution from **Levolux**. The solution comprised a combination of 400mm and 300mm wide Acrofoil Fins, engineered from extruded aluminium. All Fins

are secured to an external steel frame which extends vertically across south-facing elevations and horizontally to form a canopy above the main entrance at roof level. All steelwork and aluminium components are treated with a durable, light grey powder coating for long lasting good looks.

enq.195

Ultima insulated panels offer a new dimension



Metalline has introduced a new dimension to its Ultima insulated panels, which can be glazed into standard curtain walling and structural glazing systems and provide excellent thermal, environmental, acoustic and fire performance. Recent investment and improvements in manufacturing techniques has enabled Metalline to become the first UK fabricator to offer a new supersize panel. Ultima panels are traditionally specified in aluminium with either an anodised

finish in natural silver, bronze, black or blue-grey or in a range of polyester powder coated RAL and metallic colours. They can also be provided with alternative facings such as perforated aluminium, stainless steel or patterned copper.

01543 456930 www.metalline.co.uk

enq.197

Transparent security

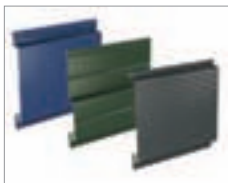


Security expert **Abloy UK** now offers a Glass Door Lock Selection Guide, which aids specifiers in choosing the correct locking solution for glass doors. Abloy understands that identifying the correct solution for locking glass doors can be a difficult task, and has therefore created the guide to help simplify the process and aid in quick and easy specification. With multiple solutions to solve a number of different applications, it can often be extremely hard to find the right product. With this in

mind, Abloy has provided locking solutions for what it considers to be the most common scenarios. The guide is available to view online on the Abloy and effeff websites, and can also be downloaded as a PDF.

enq.199

New LokFaçadePlus from RigiSystems



RigiSystems original LokFaçade is designed to provide a cost-effective and aesthetically pleasing cladding solution for soffits, fascias, canopies and external walls. LokFaçadePlus now takes that concept to a new level. LokFaçadePlus offers all the advantages of LokFaçade in a premium product.

Featuring concealed fasteners for a clean, unbroken appearance, the most striking feature is the range of 12 different panel designs, all of which are interchangeable, to provide completely unique visual effects. In addition, LokFaçadePlus is available in smooth or stucco embossed finishes and in a variety of substrates including steel, aluminium, zinc and stainless steel.

01905 750500 www.rigisystems.org

enq.200

Products showcase Fire Service in Omagh



A wide range of **Metal Technology** products has been installed at The Northern Ireland Fire & Rescue Service's (NIFRS) new Community Fire Station and District Headquarters in Omagh. The station was designed by HLM Architects and represents the first of a series of innovative stations.

Integral to the design brief, Metal Technology's System 17 Latitude curtain walling system delivered a strong aesthetic appeal to the expansive all-glass facade that combines structural integrity with weather performance and thermal enhancement. Interior comfort and environment management is enhanced by Metal Technology's System 22 Brise Soleil and System 23 louvres.

028 9448 7777 www.metaltechnology.com

enq.196

Improved performance for SynerJy



Synseal's ongoing investment in new extruded profile tooling means that the company's popular SynerJy 70mm PVC-U system can now provide a tilt and turn window solution with reduced sightlines and greatly improved thermal performance. In addition to the multi-chambered outer frame which has a slim-line height of just 60mm, the 4T1 transom and 4T11 tilt and turn sash can now be used with PTI1 and a

new PTI11 plastic thermal reinforcement profiles to give a combined intermediate sash-to-fixed light sightline of just 122mm, which is 20mm reduction on traditional frame constructions using the 4T2 transom and steel reinforcements.

01623 443200 www.synseal.com

enq.198

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GEZE UK was the choice for Blenheim Palace



When Blenheim Palace undertook its largest development for 200 years, it wanted glass doors that would enable visitors to flow into its visitor centre while allowing the stunning vista of the Estate to be seen. The stylish pair of automatic sliding doors powered by GEZE UK's Slimdrive SL operators do exactly that – and two years on, they have allowed more than 800,000 visitors to pass through the glass-ceilinged visitor centre designed to reflect the adjacent Orangery. With an

operator height of just 7cm, the Slimdrive SL is extremely compact making it almost invisible in elevation. Designed to be virtually silent in operation, it is ideal for glass doors such as those at Blenheim Palace visitor centre.

01543 443000 www.geze.co.uk

enq.202

Synseal publishes new hardware catalogue



Synseal has published a 2nd edition of its Hardware catalogue, which now features the exclusive Performance range of window and door handles. Optimised to match the company's popular PVC-U window and door systems including Legend, Shield and SynerJy 70mm profiles, the Hardware range has been put together to strengthen Synseal's supply chain and provide support for professional fabrication and installation of window casements, French doors, patio doors and composite doors. The new

easy-to-use catalogue details a comprehensive range components in four sections: window hardware, door hardware, patio door hardware and hardware accessories.

01623 443200 www.synseal.com

enq.203

New addition to Schueco range



Newly available from leading sustainable building envelope specialist, **Schueco UK Limited**, is the Schueco AWS 90.SI+ window, one of a growing number of Schueco window, door and facade systems to have received full Passive House Certification. The window's outstanding thermal performance – it delivers a U value of 0.8 W/m²K with 0.7 W/m²K triple glazing – is the result of advanced

insulation technology and enables it to make a positive contribution to the overall energy efficiency of a building. In addition to its attractive appearance, Schueco AvanTec concealed fittings impart an impressive degree of security, helping deliver either RC 2 or RC 3 levels of burglar resistance to EN 1627.

01908 282111 www.schueco.co.uk

enq.204

Center Parcs Coup for Carl F Groupco



A prestigious contract awarded to West Port Windows and Doors Ltd – manufacturers of high performance, bespoke timber windows and doors, has resulted in one of **Carl F Groupco's** largest orders for fittings. Carl F Groupco is preferred window hardware supplier for a West Port contract supplying Center Parcs' new 362

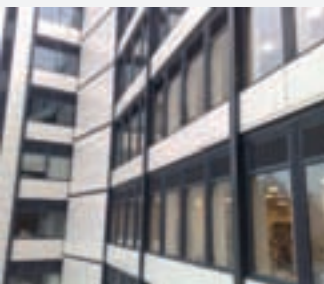
acre woodland Woburn Forest site in Bedfordshire. West Port was awarded the contract to supply 4,000 timber windows and 2,000 timber doors. Fittings provided by Carl F Groupco for West Port's "System X" window included Peder Nielsen Side Swing gearing, the MACO RAILespagnolette and MK 1 shootbolt locking systems and Hoppe Tokyo espag handles.

enq.205



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enq.206

Creating rooms with a view



An iconic 13 storey residential and commercial development by Bellway Homes in Enfield town centre has benefitted from a wide range of Reynaers innovative architectural systems as part of a complete renovation project. Extensively utilising Reynaers CW 50 curtain walling facade with ES 50 opening vents and CS 68 doors inset to enable balcony access for residents. The curtain wall system is a prominent feature on all elevations of the building allowing maximum light penetration and providing

extensive views from the higher floors. Use of stylish integral opening vents and doors fit seamlessly into the facade. The CS 68 three chamber door system combines high insulation levels with optimal safety.

enq.207

New colours for External Venetian Blinds



Hunter Douglas has expanded its range of External Venetian Blinds, which are now also available in standard wood tones, duo tones and frost colours. The blinds facilitate optimal use of sunlight, while reducing glare, for instance on computer screens. They also contribute to improved regulation of solar heat. The blinds can be controlled manually

as well as through so-called 'building management'. In the latter case, the controls are centralised in alignment with the values registered by anemometers and sunlight meters. The External Venetian Blinds were recently applied to the award-winning Fornebu office of Norwegian oil company Statoil.

01604 766251 www.hunterdouglas.co.uk

enq.209



UK Roofing Awards 2015 shortlist

The call for entries for the NFRC's 10th UK Roofing Awards went out in September 2014 and closed in January of this year and, at the end of February, a panel of judges whittled down entries from across the UK to 48 finalists across 12 categories. On 15 May 2015, at the Hilton Metropole in London, the winners will be announced. NFRC wish this year's finalists the very best of luck. All the short-listed projects, sponsors and more information on the Awards can be found on the website. The finalist categories are: Double-Lap Slating; Liquid Roofing & Waterproofing; Single Ply Roofing; Fully Supported Metal Roofing; Roof Sheeting; Vertical Cladding; Heritage Roofing; Double-lap Tiling; Sustainable Roofs (Green, vegetated roofs); Single-lap Tiling and Slating; Sustainable Roofs (Shingles & Shakes); Reinforced Bitumen Membrane.

020 7448 3187 www.nfrc.co.uk/roofing-awards-2015

enq.210

Kingspan OPTIM-R provides luxury finish



A new mixed-use development located in the highly desirable London Fields area is the latest project to benefit from the optimum thermal performance of the Kingspan OPTIM-R Balcony and Terrace System. At the top of the property is a luxury three bedroom penthouse, complete with a spacious roof terrace. To maintain the building's clean aesthetic, USE Architects needed a product which would achieve a U-value without exceeding the internal

floor height. This led them to specify Kingspan OPTIM-R. By utilising vacuum technology, Kingspan OPTIM-R panels can achieve the required thermal performance at a fraction of the thickness of traditional insulation.

01544 387 384 www.optim-r.co.uk

enq.208

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The 2015 HEXATHERM Thermal Insulation Brochure is now available from **Cellecta**. HEXATHERM is a proven range of insulation boards engineered for domestic, commercial and industrial applications featuring BM TRADA Q Mark certification. Benefits of the range include high compressive strength, low water absorption and excellent life-long thermal performance, making them ideal for floors, roofs, basements and swimming pools. Available in a multitude of thickness's (20 - 160mm) and strength grades (250 - 700kPa), HEXATHERM boards can meet exact project requirements. Featuring essential construction details, product information and technical guidance the HEXATHERM technical handbook represents an essential guide for architects, specifiers and developers to identify suitable thermal solutions for their construction requirements. To receive a copy of the new HEXATHERM insulation brochure or to discuss existing and upcoming projects, visit the website or contact Cellecta's technical team.

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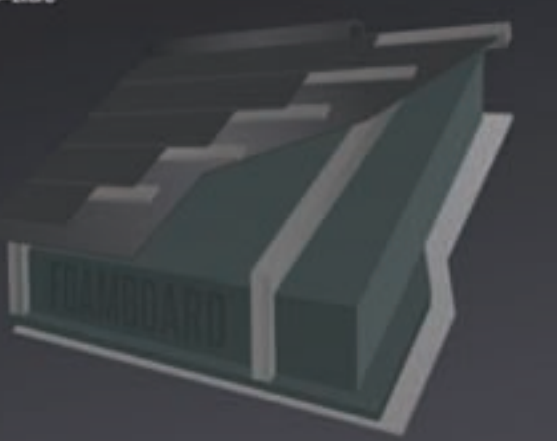
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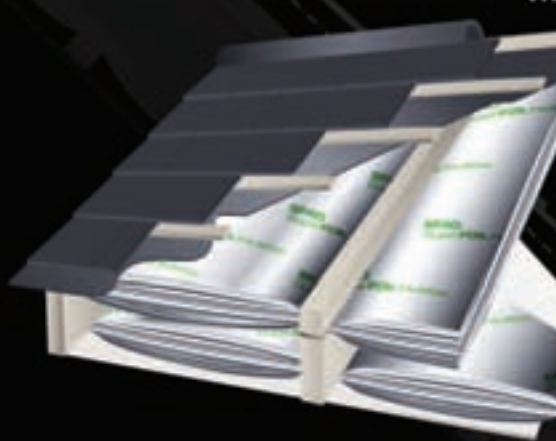
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6 months to go...

On 1st October this year, the Scottish Government will implement the next step in its move towards near net zero carbon buildings. The biggest changes are for new domestic and non-domestic buildings and these once again make the performance of the building fabric a central concern for architects, Kingspan Insulation writes



New domestic buildings

In line with the findings of the government consultation, Section 6 2015 requires a further 21 per cent reduction in carbon emissions over the previous standards.

As with the 2013 Domestic Technical Handbook, there are two routes to compliance for new domestic buildings. A simplified approach requires dwellings to meet all of the criteria set out within a space heating fuel table, which includes tightened building fabric requirements shown in Figure 1. However, only limited deviations are allowed from the specification and costly renewables may be required dependent upon main heating fuel.

The whole dwelling approach provides greater flexibility. A Target Emission Rate (TER) is calculated based on a 'notional dwelling' of the same size and shape as the actual building. A Dwelling Emission Rate (DER) is then calculated for the property and must not exceed the TER. Both of these calculations will be carried out using SAP 2012. To ensure that a high level of thermal performance is achieved as part of any dwelling, the area weighted maximum U-values have also been lowered (Figure 2).

By attaining the best possible U-values it is possible to limit the use of renewables and relax some of the more stringent notional dwelling requirements. Kingspan Insulation has analysed the options and provided recommended building

Continued overleaf...

	Section 6 2015	Section 6 2013
Walls (W/m ² K)	0.17	0.19
Floors (W/m ² K)	0.15	0.15
Roof (W/m ² K)	0.11	0.13

Figure 1: Space heating fuel table fabric requirements in Section 6 2015 and 2013



fabric U-values in Figure 3. These will be a little more than is required for some buildings and a little less for others, but provide a good starting point for the majority of applications.

New non-domestic buildings

The change for new non-domestic properties is even greater with a 43 per cent uplift over the previous carbon emission requirements.

As with Section 6 2013, the National Calculation Methodology (NCM) is used within an approved tool, typically SBEM, to create a notional building from which a TER is generated. In addition to improving the building fabric performance values for the notional building, the new Standards also allow heated buildings to be separated into zones depending on whether they are naturally or mechanically ventilated.

A Building Emission Rate (BER) is then created based on

calculated performance against the notional building. The actual specification can vary from the notional, provided the calculated BER is better than the TER and the limiting requirements are met. Fabric performance is strongly supported with tightened area weighted average U-values, particularly for shell buildings. Again, a recommended starting point for a fabric first approach for non-domestic buildings is provided in figure 4.

Getting the fundamentals right

Despite the varying requirements in Scotland, England and Wales; there is a clear consensus that a fabric-first approach should be prioritised over reliance on bolt-on renewables. By specifying high performance insulation and paying close attention to detailing, this approach should provide consistent results and ultimately deliver strong long-term energy savings for the building owner.

Figure 2: Maximum U-values for new domestic insulation envelopes in Section 6 2015

	Area weighted average limit	Recommended Starting Point U-values
Walls (W/m²K)	0.22	0.16
Floors (W/m²K)	0.18	0.11
Roof (W/m²K)	0.15	0.11

Figure 3: Notional building - fabric U-values

	Heated and Naturally Ventilated	Mechanically Ventilated/Cooled
Walls (W/m²K)	0.23	0.20
Floors (W/m²K)	0.22	0.20
Roof (W/m²K)	0.18	0.16

Figure 4: Maximum U-values for new non-domestic insulation envelopes in Section 6 2015

	Area weighted average U-value limit	Area weighted average U-value limit – Shell buildings	Recommended Starting Point
Walls (W/m²K)	0.27	0.23	0.18
Floors (W/m²K)	0.22	0.20	0.15
Roof (W/m²K)	0.20	0.15	0.13

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Venue uses heat recovery to maximise comfort



A new central London meeting and conference venue that opened its doors in January is using state-of-the-art heat recovery air conditioning and ventilation to deliver absolute comfort for guests. Specialist installer and Mitsubishi Electric Business Solutions Partner, Cool Systems Holdings

was called upon to deliver on the contemporary brief that required the creation of not only a comfortable environment for users but a system that was also a part of the ambience of the venue, which can host anything from large-scale events to training days and seminars. CS Group Technical Design Engineer Martin Lazovy said: "The system works well and fits in with the design values of the building."

01707 282880 www.mitsubishielectric.co.uk

enq.216

Quiet and stylish Silavent sapphire fan range



Domestic and light commercial ventilation systems manufacturer Polypipe Ventilation has launched the new Silavent Sapphire range of bathroom and kitchen intermittent extract fans and Decentralised Mechanical Extract Ventilation (dMEV) units in a contemporary and minimalist design, coupled with extremely quiet performance. Polypipe has invested considerably into its Silavent products. Its latest addition to its Silavent portfolio is the brand new Silavent Sapphire range, featuring axial and centrifugal dMEV, and intermittent axial, in-line and centrifugal bathroom and kitchen fans. The highly desirable Sapphire fans are available as both standard and Green Line energy efficient models, with extremely low Specific Fan Powers (SFP) to comply with Building Regulations.

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System selection and specification made easy



Polypipe Ventilation is pleased to announce the arrival of its new and informative 76 page Product Selector which covers the company's comprehensive range of market leading, energy saving domestic and light commercial ventilation systems, accompanied by a concise 20 page Short Form Product Guide. To ensure

the Product Selector remains easy to use, more detailed technical information than ever before has been cleverly incorporated without increasing the size of the catalogue – including a section that covers useful product and installation 'Hints and Tips' and real life case studies. The new catalogues have been designed by Polypipe as useful guides to assist in the specification, selection and installation of ventilation systems that meet Building Regulations.

enq.220

Pentair launches Open Innovation Awards



Pentair's Thermal Building Solutions, a leading provider of electrical heat-tracing systems, has launched the Pentair Open Innovation Awards as part of the continued celebration of the 40 year anniversary of its Raychem self-regulating technology. The global initiative invites

customers, installers, engineers and distributors to submit their bright ideas at innovationawards.pentairpoleposition.com to make Raychem products even easier to use. The winner will be rewarded with a cheque for \$3,500 and is invited to present their innovation at a ceremony in London. They will also be able to attend the final Formula E race, taking place at the end of June.

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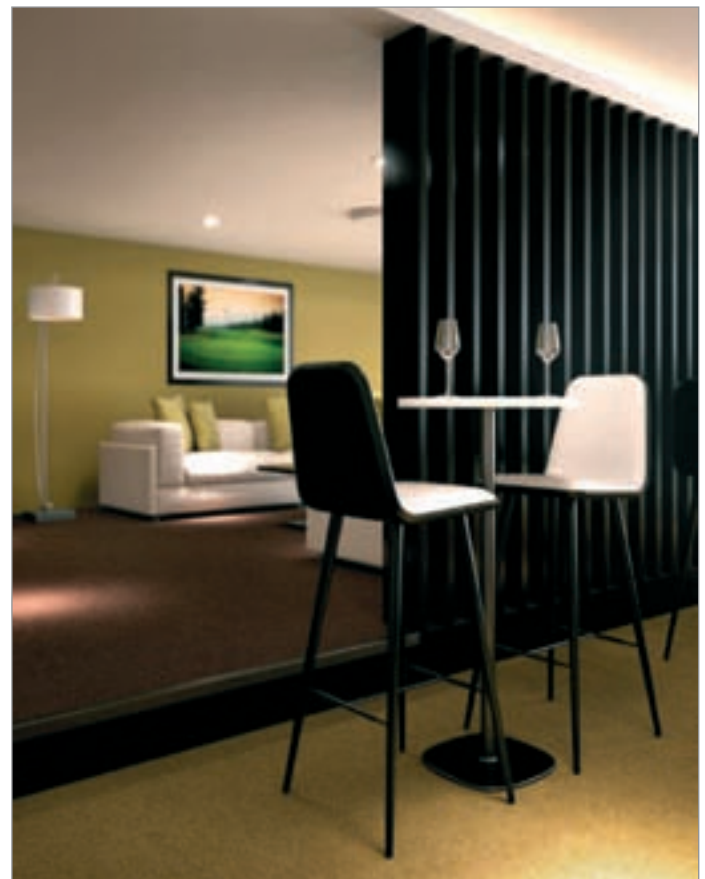
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Polypipe launches new Domus duct products



Polypipe Ventilation has added two exciting new products to its Domus range of ducting systems: high efficiency 90° bends and a new inlet/outlet plenum with integral flow control device. The new Domus 90° bends provide up to 60 per cent reduction in resistance to air flow, significantly lowering a duct system's total pressure loss and therefore overall energy usage. Also available is a new plenum with integral flow control device which can be used to regulate system air flows. This clever design allows for commissioning to be carried out in advance of construction of the finished ceiling, providing peace of mind that the required air flow rates will be achieved while the duct system is still accessible and, as a consequence, less risk of costly remedial work.

enq.224

Euroheat helps historic building turn green



Croft Castle, in Herefordshire, is looking forward to a warmer winter thanks to its newly installed Euroheat HDG biomass boiler which is enabling estate managers to claim in excess of £20,000 annually in Renewable Heat Incentive (RHI) payments, while saving over £10,000 in fuel costs per year. Thanks to the RHI, the system will also have paid for itself in around seven to eight years. Supplying 74 per cent of the property's heating needs, the biomass system replaces an inefficient and expensive oil-fired boiler that required some 20,000 litres of oil per year. Now the castle is expected to save an impressive 52 tonnes of CO₂ a year.

01885 491112 www.euroheat.co.uk

enq.226

Johnson & Starley five year guarantee



Johnson & Starley is now offering a free five year parts and labour guarantee on its QuanTec HR28C combi boiler with Integral Passive Flue Gas Heat Recovery. The QuanTec HR28C has been hugely popular thanks to its ultra-high efficiency, reliability and ease of installation, and also due to it being the only boiler on the market that includes the Passive Flue Gas Heat Recovery within a standard sized boiler cabinet. There is no ugly 'add on' or extended height to the boiler making new installations and replacements much easier and simpler.

01604 762881 www.johnsonandstarley.co.uk

enq.225

Harley Street Clinic given a new dimension



The new Isokinetic rehabilitation clinic on Harley Street in central London features CD UK's new textured Corian® concept in its refined reception area. Michael Davidson, the Managing Director of Isokinetic appointed Sonnemann Toon Architects LLP for the installation. Isokinetic is one of the first installations to use CD UK's new range of textured and patterned Corian®. A series of designs have been launched which are already moulded or routed and ready to be integrated into almost any conceivable scheme or sector. The qualities of Corian® remain the same: Sophisticated combination of beauty, strength and versatility; Pure, solid and extremely durable; Waterproof; Stain resistant.

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enq.228



A scenic approach to fire-rated glazing

The stunning glazing in situ on seven floors around four scenic lift shafts at the recently renovated 7 & 8 St James' Square project in Central London is more than just aesthetic detail. It's also a practical solution that delivers protection from fire with up to 60 minutes integrity and insulation (EI60) at the prestigious venue in the capital that has been converted into luxury accommodation. Brighouse-based **Arkoni Metalwork**, suppliers of fire-rated, security and steel glazing systems, are behind the work for a project that was named as a finalist in the IFSEC 2014 Passive Fire Protection Product of the Year category. Arkoni Director Martin Quarmby took up the story: "The St James' project was an innovative and technically challenging one that consisted of seven floors of butt jointed, fire rated integrity and insulating lift shaft glazing to four banks of scenic lifts. The glazing also forms an anti-fall barrier." Danny Murphy, Design Manager at contractors Galliford Try, commented: "The result is an installation that, all parties agree, is of the highest quality." It's a viewpoint that residents and visitors to the building are sure to appreciate.

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enq.229

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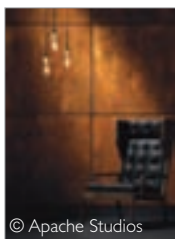
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enq.231

New Rusteel® - decorative 'rust' effect



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Armourcoat, the decorative surface specialists, have introduced a new metal rust finish. The Rusteel® finish offers an authentic rusted iron or patina effect, creating an aged, weather-beaten, metal surface. This time-worn finish, similar to weathering steel, is created from a water-based paint with metal particles which naturally tarnish when activated. A sealer coat is used once the desired effect is achieved and provides a further protective layer.

The finish is available exclusively through the ArmourFX

modular panel system. The ArmourFX range of panels has evolved from Armourcoat's renowned applied seamless wall finishes.

01732 460668 www.armourcoat.com

enq.232

Office makeover all white with Washroom

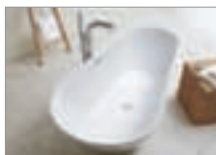


Washroom Washroom has put its gloss on a high specification washroom design for a prestigious office building in central London. Working closely with the client, Washroom installed new toilet facilities on floors four and six in a live office environment, working around existing occupiers. The toilet cores were designed in

collaboration with IMA acknowledging the client's brief and incorporating high calibre materials and bespoke features to meet the increasing demands of end users. Washroom installed its full height, floor-to-ceiling Alto WC cubicles to provide complete privacy for end users. The design also included the Concerto integrated duct panel system installed behind the WCs.

enq.234

TPS increases Moleanos Limestone stock



Following the success of its Moleanos Limestone range, **Trade Price Stone** has reacted to trade demand and increased stock levels for 2015. The Portuguese Moleanos Limestone is available in tile and paver format – in a range of sizes, colours and surface finishes. It provides a durable flooring option

for internal and external applications and is suitable for commercial and domestic projects. All finishes are provided with a full CE mark data sheet and are available from extensive stock, for standard or next day delivery upon request. Trade Price Stone's tiles and pavers are offered alongside a comprehensive range of consumables, including adhesives, grouts, sealants and maintenance products.

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enq.233

Capturing the beauty of plaster



With rustic, contemporary surface finishes the new vogue, **Solus Ceramics** is delighted to introduce the unusual Plaster range, which offers a unique aesthetic on the urban trend. Inspired by the look and feel of hand-smoothed plaster, this range displays a variety of authentic looking features such as broad sweeps of texture and light

shading. Plaster is made up of seven natural inspired colours, from chalky greys to hearty beiges, which can be used independently or effortlessly mixed together. Seven sizes allow exciting versatility, and a spectacular anti slip finish offers you the increased flexibility to use this range in areas that require additional safety.

0121 753 0777 www.solusceramics.com

enq.235

Everbuild hold Schönox distribution rights



Everbuild, a Sika company, is pleased to announce that it now holds exclusive distribution rights to the leading Schönox brand, a name that is synonymous with quality products for the building and renovation industry. A leading supplier to the German market for many years, Schönox develops and manufactures quality products for installing all types of floor tiles and coverings with the range including levelling compounds, floor adhesives, primers and waterproofing membranes. The Schönox brand is exclusively available to order through Sika Everbuild. The new range includes Schönox ZM Rapid, a rapid setting self-levelling compound allowing coverings to be laid after just 90 minutes; Schönox iFloor System, a revolutionary new system that incorporates a unique rollable adhesive giving clean and fast installation and Schönox Durocoll a multi-purpose, high quality, reinforced dispersion adhesive, ideally suited for use with problematic, high movement soft floor coverings in internal areas. To coincide with the launch, a Schönox catalogue has been designed featuring the full product range as well as including some complementary products from the current Sika and Everbuild brands. For further information on the Schönox range contact your local sales representative, call direct or visit the website

0113 240 3456 www.everbuild.co.uk

enq.236

Karndean Designflooring on the brink at the Surface Design Show

One of the UK's market leader in luxury vinyl flooring is celebrating a successful collaboration with Global Color Research at The Surface Design Show 2015. Created by New Designers award winner Emilie Osborne, two 3D installations featured **Karndean Designflooring's** new LooseLay Series Three and Opus Enhance ranges. The show's visitors were confronted with the powerful, site-specific hanging installation of *Beast*, draped over the foyer's balcony above the heads of guests. Looking to combine danger and beauty, Emilie opted to use the textured surface of Karndean's Opus Enhance Carbo. The black wash, wood grain effect created a striking backdrop to the entrance hall. "I wanted to recreate a hostile feeling, one that seems to power over people but I still wanted there to be an aesthetic quality to the piece, which Karndean has added. The authenticity of the wood grain added an element of natural beauty," commented Emilie Osborne. Standing at the front of the exhibition hall the design of *Brink*, based on the 2015 trend for order and control, was a major focal point for visitors. Emilie took inspiration from ancient architecture, predominantly Roman columns. Emilie said: "I didn't know what to expect from LVT, I was worried it might be easy to damage and brittle. I was really surprised at how flexible it was and found it to be really durable."

01386 820 100 www.karndean.com



enq.237

New PrimaPorcelain – The maintenance-free flooring solution for indoor and outdoor living

Introducing the perfect design solution- maintenance-free PrimaPorcelain flooring, the stylish alternative to indoor floor tiles and outdoor natural stone paving or flagstones from Greensquares, the UK's outdoor living experts.

PrimaPorcelain is stain, scratch and slip resistant; a wipe clean will leave tiles and paving like new. Even grease, oils and red wine spillages are easily and quickly removed.

PrimaPorcelain's stylish 1cm specialist indoor tiles are complemented by equally good looking, hard-working, textured 2cm outdoor paving, where added grip factor helps prevent slipping and promotes use whatever the weather. They can be ably accommodated in any new builds, new extensions, open out kitchen developments or bifold door improvements.

PrimaPorcelain's innovative composition looks fantastic but remains highly flexible and versatile to use. Its stylish elegance and stunning looks belie a tough character, durability and adaptability. Our



Porcelain is manufactured in Italy from extremely pure clays and minerals, shaped by dry pressing and fired at a high temperature. This produces ultra-tough flooring with film star looks that is resistant and resilient, frostproof, fireproof, weather-proof and maintenance free.

On the one hand, ubiquitous Ceramics offer a limited, protective glaze that is simply not as hard

wearing or stain resistant as fired porcelain. On the other, traditional natural stone collects and ingrains dirt and is always vulnerable to accidental staining and chipping.

PrimaPorcelain really does wipe the floor with the competition!

02920 803756 www.primaporcelain.co.uk

enq.238



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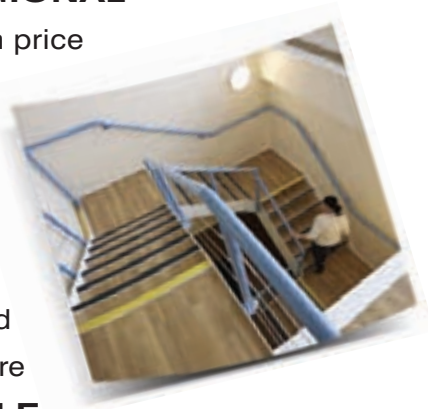
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Commercial flooring gets creative

With a wide variety of building materials in a multitude of effects and colours at an architect's disposal, commercial vinyl flooring has had to evolve into not only a high performance product but also a design-led flooring option worthy of consideration for education, healthcare, office, retail environments and more. Tavia Spencer, market manager for LVT flooring at Polyflor Ltd explains



Robust commercial flooring can now be a stand out design feature in a room. Whether using a continuous sheet product or luxury vinyl tiles (LVT), vinyl flooring has perfected the art of emulating the look of a natural wood or stone floor and also offers eye-catching abstract designs.

LVT and sheet flooring collections feature designs replicating every type of tree species and wood treatment imaginable, from classic warm and cool toned oaks to weathered spruce and vintage timber, all with grain patterns and surface embossing to add further realism. Stone collections include

everything from industrial concretes and slates to traditional travertines and limestones, developed to complement any interior design scheme. Luxury vinyl tiles can also be fitted with complementary or contrasting grouting, marquetry and feature strips creates zones, indicate walkways or to give installations a bespoke look.

These natural wood and stone effects will always remain popular, but flooring manufacturers are adding something a little more original to their ranges alongside these tried and tested designs. Abstract effects are becoming more common in

Continued overleaf..



‘Stunning effects can be created by using one type of flooring for the whole design, or by using more than one shade to create something even bolder’



new collections, featuring designs such as swirls and linear ‘infinity’ designs which give the effect of endless wood. Solid colour floor coverings in bright shades are ideal for children’s play areas, clinics, nurseries and schools where engaging and inspiring interiors are required.

We’re also seeing the development of more eye-catching designs with varying plank widths, lengths and colours included all in the one box. Designs like this give the appearance of recycled and reclaimed wood floors which are becoming increasingly popular. Vinyl sheet material can also be printed with a complex herringbone design, or feature stencilled concrete designs, providing a quick and simple way to create a statement floor.

Creative flooring installations can also be achieved by simply cutting and laying luxury vinyl tiles and planks in patterns. Stunning effects can be created by using one type of flooring for the whole design, or by using more than one shade to create something even bolder. Sheet or tile flooring in contrasting colours and textures can also be laid alongside each other to create zones or walkways as a simple but effective way of helping users to navigate around a building.

The use of water jet cutting technology opens up even more opportunities to be creative with commercial vinyl flooring. Vinyl can be precision cut to create intricate images and logos as part of a bespoke flooring design. This technique has often been used for adding branding to floors in retail environments, adding school crests to assembly hall floors, creating fun patterns in children’s play areas and adding important signage in hospital corridors.

Aesthetics are important but this new focus on producing high design flooring does not mean that manufacturers have compromised on product performance. Heavy duty vinyl flooring undergoes rigorous testing to ensure that it can withstand the high foot traffic expected in commercial environments.

These floors are also easy to clean and maintain when they come with a polyurethane reinforcement which reduces cleaning time and costs for the lifetime of the product. Luxury vinyl tiles with the same beautiful wood and stone designs are now also available with aggregate for sustainable wet slip resistance in potential risk zones such as high-design entrance-ways where traditional safety vinyl flooring is not suitable.

With the vast choice of beautiful and functional flooring designs available for commercial spaces, there is no excuse not to take the opportunity to be truly inventive with vinyl flooring and create something outstanding.

New range of flooring lands at Lathams

James Latham has further enhanced its portfolio of premium quality, Bausen flooring with the first of three new ranges of engineered boards which combine exceptional aesthetics, durability and structural integrity.

Embracing on-trend, contemporary designs, as well as a selection of colours, textures and finishes, the Henshaw series is available in 10 different boards, directly from stock and nationwide through James Latham's network of 10 distribution sites, including Scotland.

A durable, timeless option that works well with all architectural trends, the Henshaw collection offers architects and interior designers working in either the commercial or residential sectors, the perfect basis for every style and every interior.

Supplied in boards sizes of 15mm x 190mm x 1,900mm, the range includes a brushed and smooth finish as well as UV Oiled, Lacquered and Hardwax coating options.

In addition, the new collection is supported with a full range of merchandise including a bespoke, eye-catching display stand as well as

complementary swatches, literature and a full range of carefully selected, top-brand accessories to ensure that the flooring performs to its optimum level.

Andy Duffin, James Latham director, commented: "We've been really pleased with the reaction from the market to this new range of flooring and have already seen a lot of interest from both the commercial and residential sectors. The

quality and finish of this premier grade flooring is exceptional and I'm confident that it will be a big success."

He added: "It's a really exciting time for Bausen, in addition to this, we have two further ranges being launched later this year so our collection will be significantly bolstered."

0800 917 7056

www.bausenhardwoodflooring.co.uk

enq.242



Nature just got tougher



International specialist Gerflor has refreshed its popular Taralay Impression range with two brand new ranges. Taralay Impression Control and Wood are both multi-purpose floorcoverings available with a Group T wear rating, which makes them ideal for heavy traffic environments. The range also comes with Gerflor's new Protecrol® Control surface treatment. Protecrol®

Control improves the slip resistance flooring performance. It's the ideal solution for those environments where slip resistance is a must. Both products are also backed by a 10 year warranty. Available in eight stunning colours, they are the natural choice for specifiers and a designer's delight.

01926 622600 www.gerflor.co.uk

enq.243

A high performance from Remmers



To compliment its recently refurbished showroom, a new 'high tech' workshop has been constructed at Charles Hurst Ferrari, the official Ferrari dealer in Northern Ireland. Remmers UK Ltd along with McLaughlin and Harvey Contractors were appointed to oversee

the installation of a flooring system in keeping with the Ferrari brand and suitable for a workshop environment. The floor required filling and levelling prior to the application of the new flexible surface finish. The system proposed by Remmers was a flexible 3mm visco elastic PUR resin system with a polyurethane seal coat. The seal coat has integral R11 slip rating and a high degree of chemical resistance.

0845 373 0103 www.remmers.co.uk

enq.245

Kährs new Bloc Collection



Kährs has introduced its new, creative Bloc Collection. Bloc is an on-trend patterned wood floor created using individual oak staves, in three different sizes and shades. Sections are easily joined using an oak tongue to create unlimited geometric designs – from traditional herringbone to modern brick – in single or multi-colours. Staves can also be used to create eye-catching borders around patterned or traditional plank floors. All Kährs Bloc staves

have an even timber grain, a lightly brushed surface and a beveled edge along all four sides. Natural Bloc has a clear, satin lacquer pre-finish, while White and Grey Bloc each have a stained lacquer finish, which creates an elegant washed hue.

023 9245 3045 www.kahrs.com

enq.244

Gripple launches lighting suspension solution



Gripple Limited, the world-beating producer of innovative suspension solutions, looked to the skies and designed the Gripple Angel Hanger with style and aesthetics at the forefront of thinking. The Angel Hanger, with its contemporary finish to compliment the overall suspension, is also the most discreet solution yet. It is ideal for architectural lighting suspensions, signage, acoustic baffles and

others where visual appeal is paramount. Requiring no installation tool, with a simple and quick one-handed operation the Angel Hanger is easily adjusted along the wire rope. It is supplied in convenient, ready-to-use kits, with wire rope in lengths up to 10m as standard.

enq.246

NEW RANGE Taralay Impression

Taralay Impression Control and Wood THE NATURAL CHOICE



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nora flooring systems

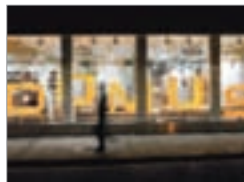


Over 300m² of *nora's noraplan uni* floor covering has been installed in SAP's UK office. SAP and architects HLW International wanted a plain rubber tile with a good colour choice that was durable and easy to maintain. Rubber flooring from nora systems was the ideal choice and therefore was installed in various areas, including the striking design feature behind the reception desk on the ground floor, the technology suite, the meeting room's reception and foyer areas. With its plain colours, smooth surface and excellent environmental properties, *noraplan uni* fits the criteria easily.

01788 513 160 www.nora.com/uk

enq.248

Domus Tiles introduces Fila surface care



Domus Tiles has introduced a range of Fila surface care products throughout its showrooms. The award-winning range offers care and maintenance solutions for all surfaces – from porcelain to natural stone – with products including cleaners, sealers and trouble-shooting treatments. The new complementary Fila range

will span each stage of surface care and maintenance, for all Domus finishes. Initial wash products will include FILA Deterdek and FILACLEANER, whilst protectors will include LEED-approved, solvent-free impregnator, FILAMP90 Eco Plus. A variety of deep cleaning treatments will also be available.

0208 481 9500 www.domustiles.co.uk

enq.249

High specification Oak finish raised flooring



AET Flexible Space, a leading manufacturer and supplier of Under Floor Air Conditioning (UFAC) systems originally supplied 1,500m² of high specification Nesite Raised Access flooring over four floors at No. 1 Cavendish Place in 2001, in conjunction with AET Flexible Space air conditioning equipment.

This year AET have re-supplied the same Oak finish factory bonded Nesite floor panels to refurbish one floor, and the supply and delivery of panels to a second floor is under way. A raised access floor is an essential part of an AET Flexible Space under floor HVAC system, which uses the plenum beneath the raised floor as the ventilation duct as well as housing normal cabling and IT services.

01342 310400 www.flexiblespace.com

enq.250

Expona flooring range brings extra flavour



Luxury vinyl tiles from Polyflor's high design and high performance Expona flooring range were used to create a sophisticated statement floor design at Harris + Hoole coffee shop in Slough recently. With unlimited design possibilities available from the Expona range, a combination of tiles in contrasting colours were chosen by interior

and retail branding design consultancy Path Design of London to create a striking effect. Flooring from two collections within the Expona range were selected for use in this retail space; heavy duty commercial Expona Design PUR tiles for front of house and Expona Control PUR safety flooring for back of house.

0161 767 1111 www.polyflor.com

enq.251

Kingspan launches new Attiro oak flooring



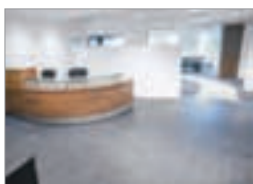
How do you provide a raised access floor that offers the aesthetic appeal of an oak hardwood floor, while still providing accessibility to the services within the floor void? This has only been possible in the past by bonding the timber directly to

the 600mm sq floor panel. However in a UK first, **Kingspan Access Floors** has overcome the problem by developing Attiro – an oak faced engineered floor that incorporates magnets to attach to the company's steel encapsulated floor panels, enabling architects to design the traditional look of a timber floor yet retain the practicality and function of a raised access floor.

01482 781701 www.kingspanaccessfloors.co.uk

enq.252

Expona flooring adds modern style to office



Polyflor's Expona high design and high performance luxury vinyl tiles were installed to create an eye-catching floor for the reception of a new CALA Homes division in Welwyn Garden City recently. Luxury vinyl tiles from the Expona Design collection were specified by main contractors Gifford Grant and expertly

installed by flooring contractors Merit Flooring to complete CALA Homes' stylish reception at their new office in the Falcon Gate development. This subtle linear Dark Contour 7215 design was chosen as it fitted with the contemporary and sophisticated brand image of the upmarket homebuilders.

0161 767 1111 www.polyflor.com

enq.253

Achieving an enduring all-white aesthetic



The new Mondéco Arctic range of hard wearing white floors has been launched by **Flowcrete UK** to provide the designers of commercial spaces with crisp and gleaming surfaces that evoke an elegant, luxurious ambiance. Featuring three new colours, Alaska, Glacier and Polar, these seamless epoxy resin terrazzo systems combine a white

binder with a blend of light coloured aggregates, mirror glass and metallic particles to create stylised white surfaces with subtly differing patterns. The superior UV light resistance of these floors helps large-scale commercial locations to retain a seamless, visually appealing finish for an extended period of time

01270 753000 www.flowcrete.co.uk

enq.255

No compromises with Upofloor Zero



New **Upofloor Zero** contract sheet flooring offers a tough, resistant surface that is completely eco and user-friendly. Made from an innovation material called Enomer®, the flooring contains 'zero' PVC, chlorine, plasticizers, phthalates, halogens and heavy metals, promoting healthy indoor air. It is ideal for public spaces with high safety requirements, including hospitals, healthcare facilities and schools. Upofloor Zero features a mineral-based construction and has an anti-static, ionomer-reinforced surface treatment.

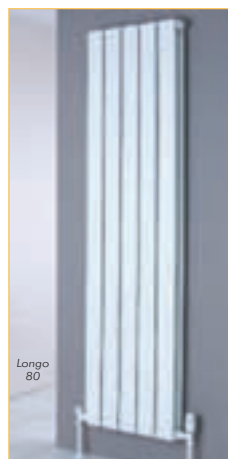
In high traffic environments, it offers excellent durability and flexibility, and it is exceptionally resistant to scratching, staining, bacteria and chemicals.

0239 245 3045 www.upofloor.com

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Stylish and sustainable entrance flooring

Nuway, **Forbo's** market leading high performance rigid entrance flooring system now boasts a more design-orientated approach and new sustainable options. Nuway Tuftiguard Classic and Design collections benefit from two new scraper bar options. 'Black Anodised' provides a contemporary matt black aesthetic compared to standard aluminium bars, whilst the robust, reliable and environmentally friendly 'Bamboo' option sits perfectly with interior wood finishes and other floor coverings, providing a truly unique entrance. In addition, Forbo's Nuway Grid and Connect single-sided systems feature a new rubber Ultragrip insert providing increased slip resistance, particularly in multi-directional entrances.

0844 822 3928 www.forbo-flooring.co.uk/nuway

enq.257

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Headquarters brought to life by Signbox



Signbox has completed a comprehensive signage project at UBM's new headquarters located in a landmark development at 240 Blackfriars, Central London. The architectural sign specialist was commissioned by main contractor Swift Refurbishments to devise and implement a bespoke brand communication

solution to bring the intricate interior concept to fruition. The main scope of the project called for a series of bespoke wall art installations at the entrance to each floor plate. The pièce de résistance being a striking 16 square metre backdrop wall in reception, comprising routed Corian® panels embedded with LED lighting.

01784 438688 www.signbox.co.uk

enq.259

Changing places take off...



One of Britain's best airport now offers the best facilities for disabled travellers too, with the opening of three Changing Places toilets. Manchester Airport has created the special facilities in each of its three terminals. The Changing Places toilets are bigger than standard

wheelchair-accessible toilets and also feature a height adjustable adult-sized changing bench, height adjustable basin, and hoist, all supplied and installed by Clos-o-Mat. Without the space and equipment Changing Places toilets provide, people who care for someone with severe learning and/or physical disabilities faces having to either stay at home, or try to change their loved one on the floor.

0161 969 1199 www.clos-o-mat.com

enq.260







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enq.261

Urmet's 2-Voice System



Developers, Weston Homes, have chosen Urmet's 2-Voice, 2-Wire system for Preston Hall, a prestigious Victorian restoration project. Urmet supplied its market-leading 2-Voice system providing connectivity to the 22 apartments within the building. The apartments are accessed via two entrances, each with an Elekta Glass video entry panel mounted within an H-design post. Residents will now benefit from all the advanced features that the system has to offer, including integrated video surveillance. Up to five CCTV cameras can be integrated into a single system and can be monitored from the internal video door phone within each apartment.

01376 556010 www.urmet.co.uk

enq.262

Hospital to be protected by SUPALUX®

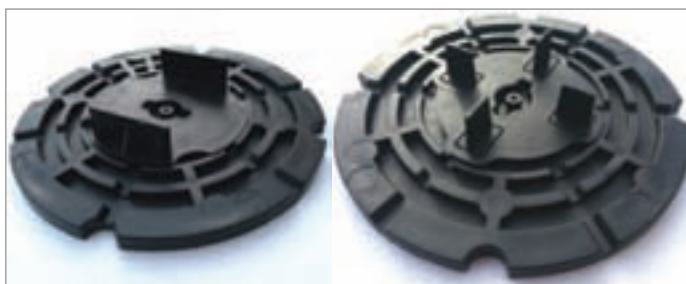


Basingstoke and North Hampshire Hospital is one of the latest buildings to benefit from the reliable passive fire protection properties provided by Promat SUPALUX®. The board was chosen to protect against fire from both inside and outside a newly constructed fire escape and plant room extension. The scheme involved a new fire escape around which a new plant room was also constructed. Promat SUPALUX® is a strong and lightweight high performance

board which is ideal for many different fire resistance and general-purpose building applications. It can be used to provide up to 240 minutes fire protection and has been extensively proven in a huge range of applications over the past 30 years.

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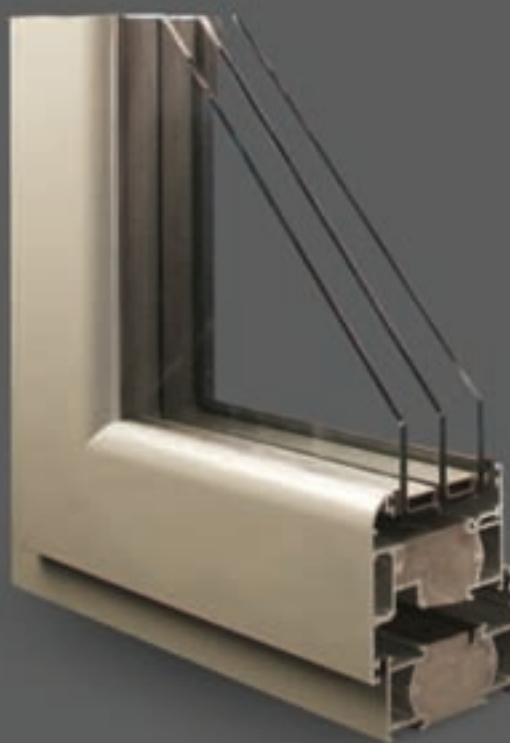
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