



April/May 2013

housebuilder & developer

- Bricks, Blocks & Cement
- Cladding & External Finishes
- Folding Sliding Doors
- Rainwater Products
- Stairs & Balustrades

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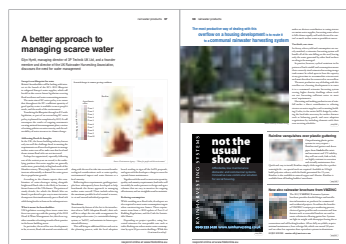
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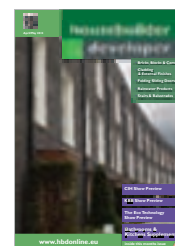
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Plans submitted for London estate regeneration

Plans have been submitted for the £20 million regeneration of the Tybalds Estate in Holborn, Central London, to bring new affordable and private homes to the area, increase the supply of family housing, and improve the surrounding public realm and community space. The new housing will be developed directly by Camden Council.

Under the broader regeneration objectives jointly led by Kim Sangster Associates Ltd, **Tibbalds Planning and Urban Design** is leading the team and handling the masterplanning and planning. The scheme includes buildings by three architecture practices: Avanti Architects, Duggan Morris Architects and Mæ Architects. The landscape architect is Camlins.

The Tybalds Estate sits between Theobald's Road and Great Ormond Street Hospital, close to Queens Square. It

comprises 360 homes in nine residential blocks built in the 1950's and 1960's across a 2.3 ha (5.7 acre) site, owned and managed by Camden Council.

The new homes will meet the Lifetime Homes criteria and are designed to achieve the Code for Sustainable Homes Level 4. Over 50 per cent of the new social rented homes will have three or four bedrooms to help meet the need for new family housing in the borough, and 11 new homes will be designed for residents using wheelchairs. All the new homes will have a balcony, garden or terrace.

The proposals for the site have been developed collaboratively by the design team and seek to reintegrate the estate into the wider Bloomsbury Conservation Area, setting out buildings that link between the brick and concrete 1950's estate block and the Georgian Brick terraces of the surrounding streets. The scheme recreates a lost mews and creates a new urban square as the focal point of the estate and the setting for the two 1960's tower blocks at the centre of the site using left over and underutilised space.

The proposals will be delivered in four phases and will take around five years to complete. The application does not propose the demolition or redevelopment of any existing homes on the estate.



COMMENT

Construction decline in 2013 but growth in 2014

Construction output is set to fall by more than 2 per cent this year following an 8 per cent contraction in 2012, according to the latest forecasts published today by the Construction Products Association. A recovery is anticipated in the medium-term with growth of 1.9 per cent in 2014 and 3.8 per cent in 2015.

Noble Francis, economics director,

Construction Products Association, commented: "The industry lost £9 billion of activity last year and these latest forecasts anticipate a further £2 billion loss in 2013. This fall is primarily due to the lack of private sector investment and the continuing bite of public sector spending cuts. Conditions were exacerbated by poor weather during the first quarter.

"Of most concern is the fall in output in private commercial, the largest construction sector, which fell 10 per cent last year and is estimated to fall a further 7 per cent in 2013.

"Despite this, we are already encouraged by signs of improved market

activity, primarily driven by private housing and infrastructure. We anticipate that government policies such as Help to Buy will boost private housing, which is expected to rise 19 per cent in just two years.

"Overall, 2013 is anticipated to be extremely challenging. From 2014 prospects are brighter for the industry, but the key risk is the extent to which government announcements feed through to activity on the ground."

Key points include construction output to fall 2.1 per cent in 2013 and private house starts to rise 19 per cent in two years.

COMMENT



UK must tackle housing shortfall to cater for ageing population

By Gary Day, land & planning director for McCarthy & Stone, Britain's leading builder of retirement apartments

A report by the House of Lords Committee on Public Service & Demographic Change recently highlighted the woeful lack of specialist housing in the UK and called for a reform of the planning system.

The 'Ready for Ageing?' report found that only about two per cent of older owner occupiers in the UK currently live in specialist accommodation, compared to 17 per cent in the USA and 13 per cent in New Zealand and Australia.

But would older people in the UK take advantage of this type of accommodation if it was available? Data from Shelter indicates that one in three people over 55 in the UK would do so.

And research from McCarthy & Stone and the University of Reading suggests that delivering even a small increase in this type of housing would deliver huge benefits in terms of improved well-being for older people as well as reduced health and care costs.

The research shows that 64 per cent of our residents actually experienced an improvement in their health and well-being following their move, despite the fact that the average age of our residents is around 78 in our Later Living schemes and 83 in our Assisted Living schemes.

Housing is a key determinant of health. For instance, better, community-based housing can help with loneliness, which has been rated as a similar health risk to lifelong smoking. Loneliness also has strong links to degenerative diseases such as Alzheimer's; an illness that costs the NHS an estimated £20 billion a year. According to Age UK, over



a third of people aged 65+ in the UK feel lonely.

A review of the National Planning Policy Framework would encourage the housing market for older people, and we are pleased to be working with the HBF and other providers to make the case for more specialist accommodation. One key recommendation is supporting local authorities to encourage this type of housing via their local plans and housing assessments.

Suitable housing helps to preserve independence with well-designed and warm homes reducing the need for social health care. With just 500,000 specialist dwellings of this type in the UK and four fifths in the rental sector, older people should have more choice and options for later life.

enq.601

Builders under threat as workloads fall

Almost a third of Britain's small building firms have shed staff since the turn of the year, as falling workloads and rising costs have forced many SME construction companies to scale back their operations, according to new research from the **Federation of Master Builders (FMB)**.

The FMB's latest State of Trade Survey of member firms shows overall workloads are falling at the fastest rate since early 2012. The net balance for residential workloads was -23 per cent, compared to -15 per cent in the final quarter of last year, giving particular cause for alarm.

Brian Berry, chief executive of the FMB, said: "Last year was a tough one for our members, but there were some encouraging signs in the final quarter of 2012 that the industry may be turning a corner. These latest survey results however paint a bleak picture, and our members are telling us that they are faced with the unenviable choice of putting up their prices or laying off staff."

Workloads continue to fall, costs keep rising and credit conditions remain extremely tough. As predicted

by members in the final quarter of 2012, the first three months of this year has seen 30 per cent of firms shed staff.

Berry continued: "Our members have for years eaten into their own profit margins in a bid to maintain capacity – but that cannot continue. We urgently need to see a cut in VAT from 20 per cent to 5 per cent on home renovation and repair, as householders simply can't afford to get work done to make their homes more comfortable, affordable and energy-efficient."

Berry concluded: "Furthermore, it is clear from our figures that workloads for those firms working in the public residential sector have fallen at an alarming rate. This should be a wake-up call to government at all levels to attend to the country's dilapidated social housing stock. Local authority borrowing caps must be raised or axed altogether to help fund the building of new energy-efficient social housing and bring existing homes up to scratch."

NEWS BYTES

The latest news for house-builders and developers. Visit www.hbdnews.blogspot.co.uk and enter the reference number for more information

Ken Livingstone launches the Hackney Building Lives Academy in the company of Tommy Walsh and local councillors...

Ref: 55025

Clearview Homes hand over Harrow's 1,000th affordable home....

Ref: 23835

New homes boost for Leicester economy...

Ref: 18663

Artwork by Justyna Ptak commissioned for luxury apartments...

Ref: 51689

Barnsley housing scheme praised for considerate approach to construction...

Ref: 96237

Business minister Michael Fallon shows support for Construction Products Exhibition...

Ref: 97923

Q. When is a bi-fold door not a bi-fold door?



A. When it's a folding sliding door
(When it has more than two panels)

Why do so called Specialist bi-fold companies sell doors with more than two panels?

Q. If you have three shoes is it still a pair?

Bi-fold door (noun) An interior door (a door that closes off rooms within a building)

Meronyms (parts of "bi-fold door"): flexible joint; hinge
(a joint that holds two parts together so that one can swing relative to the other)

bifold /bīfōld/ (adjective) 1. Twofold

bi /bī-/ or sometimes before a vowel (prefix) Two, twice, double

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COMMENT

A missed opportunity



Head of MHA MacIntyre Hudson's Property & Construction sector group, Brendan Sharkey, believes that the Chancellor George Osborne missed some

glaring opportunities to aid SME developers and housebuilders in the budget announcement

Clearly the Chancellor has been lobbied successfully by house building organisations with the announcement of two new housing schemes – but what does this mean for the small contractor?

If work for housebuilders increases, there is some comfort that there will be employment. However, like the powerful supermarket chains, their suppliers do not necessarily see the benefits. Yes there may be more work available but in a competitive market, how far will small contractors be pushed to squeeze their margins?

Current initiatives focus on new builds, providing the bigger players with an opportunity to secure new contracts. But what we really need to see is more 'skips by the roadside'. Where is the incentive for the smaller construction firms who undertake home renovations or one-off new builds?

One measure the Chancellor could have announced was to reduce the VAT from 20 per cent to 5 per cent on home extensions of a certain size. This would be a stimulus for the SME market and fits perfectly well with the government's aim to relax planning regulations and encourage energy efficient refurbishments to meet the targets of reduced CO₂ emissions in housing stock by 2050.

Although banks are encouraged to lend to businesses, building contractors are deemed to be

high risk and so with their limited capital banks are not prepared to lend to them – at any price. Design and build housebuilders do have a lower risk profile and if they have a good brand and a history of good management, limited funds are available.

However the banks will only support to a certain level and the build costs etc may have to be 'brokered' through other parties. Many builders are forming relationships, either directly or through brokers, with high net worth individuals who are prepared to take a risk for a higher return. Location also remains as important as ever.

Self builders have a great opportunity as long as they have finances available. Large contractors do not want single sites and smaller contractors cannot afford a land bank. Therefore, there should be good prices for labour of good quality available to the self builders.

Local builders should build relationships with all sources of finance that should include regular updates on work and successes. Finance is becoming increasingly available and with a good track record and relationship, chances of securing finance should improve.

Energy efficient refurbishment of tower blocks could hold key to regenerating communities

Open-city green sky thinking event, hosted by Rockwool, agrees new start needed for residential tower blocks

Refurbishing high-rise residential tower blocks could hold the key to creating sustainable homes for the future, according to a group of leading regeneration and building design experts taking part in a debate, hosted by leading energy efficiency solutions provider **Rockwool**.

The event, held as part of Open-City Green Sky Thinking Week on 16 April 2013, agreed that redeveloping post-war residential tower-blocks is a far more sustainable approach to creating modern homes than the demolition of these buildings.

Speakers argued that targeted refurbishment, using funding from schemes such as the government's ECO (Energy Company Obligation), should help reinvent tower blocks as beacons for regeneration within communities.

Speakers at the event were Peter Murray (chairman at New London Architecture), Hannah Kyrke-Smith (policy adviser, Green Alliance), Tony Hutchinson (associate director, Capita Symonds), Steve Newman (architecture director, HTA Architects) and Andrew Corless (refurbishment and regeneration director, Rockwool).

The debate was part of the Open-City, Green Sky Thinking week, which has brought organisations across London together to debate how

to create a more sustainable property future for London.

The UK currently has around 3,500 high-rise residential towers and the panel agreed that making them more sustainable required them to be redeveloped as homes that people want to live in. Achieving this requires them to be cost-effective and 'green' buildings but also needs a combination of effective security, green spaces, good transport connections and access to shops and community facilities.

Andrew Corless, refurbishment and regeneration director, Rockwool stated: "I believe high-rise residential tower-blocks have a significant role to play in providing good, sustainable homes in cities into the future.

"This Open-City Green Sky Thinking event showed broad consensus among the speakers for reinventing and redeveloping tower blocks – with speakers highlighting that demolition of these post-war buildings is often carbon intensive and expensive.

"Numerous reports and surveys have demonstrated that high-rise tower blocks are popular with residents, the key is ensuring they are energy-efficient, safe and desirable – achieving this will ensure they remain genuinely sustainable buildings that have a positive future in densely populated urban environments."

enq.602

NEWS BYTES

The latest news for housebuilders and developers. Visit www.hbdnews.blogspot.co.uk and enter the reference number for more information

Persimmon to support St Nicholas special school...

Ref: 70365

Economy may be healing but no growth in construction...

Ref: 83877

Can false fire alarms ever be stamped out?...

Ref: 32410

A £1 billion tax on growth – the cost of empty property rates revealed...

Ref: 26070

Environmental consultants call for action to promote energy efficiency...

Ref: 56385

The 2013 Challenge: “Britain’s Future Home”



The entries for the Home for the Future design competition in 2007 demonstrated that zero carbon housing is not only achievable but can also be aspirational. Voted the competition winner, the Gaunt Francis Architects’ designed Green House was built by Barratt Developments as the first Code Level 6 home from a major house-builder with the potential for mass production that would qualify for stamp duty exemption.

Building on this successful legacy and drawing inspiration from the classic Georgian and Regency terraces of the 18th and 19th century, the 2011 competition invited architects to challenge conventional thinking and design Tomorrow’s Townhouse with interiors that allow occupants to maintain a 21st Century lifestyle as they grow older.

Santiago, designed by father and son team Alex and Edward King, was voted the winner from a shortlist of five schemes and was one of the three Show Houses within the 2012 Ideal Home Show Village at Earls Court.

Last year’s competition – Tomorrow’s Smart: Home – challenged architects to design integrated, inter-operable solutions that demonstrate the application of digital monitoring and intelligent control systems in the home. From a shortlist of six exemplary schemes the readers of The Sunday Times voted Pentan Partnership’s SML Home as their winning design, which will now be built at Grand Designs Live at Birmingham this year and next year’s Excel.

In response to the 2012 Future Homes Commission report “Building the Homes and Communities Britain Needs” which called for a design

competition for a flexible home that meets consumer needs and which can be replicated at scale the 2013 design competition, sponsored by Homebase and in partnership with BRE,

The New Homes Marketing Board and Premier Guarantee calls for design submissions for “Britain’s Future Home.”

In praising last year’s British Homes Award winning Homebuilders and Architects the former Minister for Housing and Local Government The Rt. Hon. Grant Shapps MP commented:

“Your work is truly inspirational and will encourage all engaged in our industry to aspire to the same high standard to deliver places that communities want to live in now and in the future”

All schemes that have either been completed since 1 June 2011 or where a significant proportion of a large scheme is now evident.

Entries for categories 1 to 13 must be submitted using the online entry form at www.britishhomesawards.co.uk/awards-entry-form



For details of the 13 categories, visit the website www.britishhomesawards.co.uk.

The Awards will be presented at a luncheon at The London Marriott, Grosvenor Square on 18 October so reserve your place now: www.britishhomesawards.co.uk/reserve-your-place

Enter before 28 June! The design brief can be found at:
www.britishhomesawards.co.uk/2013/designbrief



Green House by Barratt Developments



SML Home by Pentan Partnership

Construction Industry Council (CIC) publishes 'Growth Through BIM'

Richard Saxon is the UK government's BIM Ambassador for Growth. In July 2012 he was commissioned by the Department of Business, Innovation & Skills (BIS) through the **Construction Industry Council (CIC)** to produce a report to help maximise the growth effect of the Government strategy for BIM at home and in export markets. The report, *Growth Through BIM*, is published today by CIC.

Building Information Modelling (BIM) is an innovative and collaborative way of working that is underpinned by digital technologies, which support more efficient methods of designing, creating and maintaining the built environment. In essence BIM embeds key product and asset data within multi-dimensional computer models that can be used for effective management of information throughout the project life-cycle – from earliest inception through occupation. It has been described as a game-changing technological and cultural process for the construction sector.

The sector, for the purposes of his report, is the Built Environment defined as Property, Construction and Facilities Management, about 15 per cent of GDP. The Built Environment, he says, "is an enabling sector, facilitating the performance of most other sectors".

Saxon sees that BIM will raise productivity, providing better buildings, faster and cheaper. "No wonder" he says "it has been mandated as government policy". These innovative technologies also represent an opportunity for the UK professional services sector to become a powerful international player.

For this wide ranging and comprehensive report Saxon researched and observed key developments in BIM internationally, in the EU – in particular the current EU Procurement Directive revision which clears the way for UK policy and for the export of its methods within the EU – and at home. His research was carried out during the second half of 2012.

The report examines the scale and shape of the market in the UK and worldwide; the basis for BIM-driven growth; the outlook for BIM development to 2020; impacts on the members of the value chain; and the strategy for growth through BIM.

Saxon looks at the expanding markets (mostly in the developing world) and the countries where the demand growth will come from; the key players in terms of BIM enabled skills; and the anticipated monetary values of this growth to 2020. His findings include:

- BIM's future is now significantly in the UK's hands: – the USA dominates the vendor and user markets but the intellectual horsepower and momentum behind BIM is now British and the UK's Level 2 BIM Policy, Soft Landings and Digital Built Britain concepts and Open Data approach are world leading.
- BIM provides an opportunity for the UK to lead current EU construction policy development.
- BIM will be a route to growth from projects in developing countries, which need to import design and construction services.
- BIM is seen as part of the conversion to a SMART economy where data is collected and used to optimise performance and economy.
- BIM adoption throughout project cycles from inception to occupancy represents a significant opportunity for economic growth, through the removal of risk and time, and therefore cost, and the enhancement of service provided.
- BIM will also enable returning demand after the recession to be met with less inflationary pressure.



Salford develops guide for implementation of Building Information Modelling and Lean Construction

Expertise from the **University of Salford's** School of the Built Environment has been used in compiling a definitive and free guide to Building Information Modelling (BIM) and Lean construction for the industry.

Five of the world's leading academics in the development of the latest efficient and digital

methods of construction have written a guide for CIRIA, the Construction Industry Research and Information Association.

Designed for practical use by clients, designers and construction companies, the guide covers the entire lifecycle of implementing and embedding these more efficient methods into a company

or project – resulting in lower costs and quotes during hard economic times.

In particular, the University is working hard within the UK to make the construction industry aware of the benefits of BIM ahead of the government's imminent requirement for the whole industry to trial it and Lean on public sector projects.

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PLANNING COMMENT

I'm all for more affordable housing, but...

Paul Graham, managing director of Planning Pipe... This month saw the full implementation of the government's planning reforms. On cue the Council for the Protection of Rural England launched another PR offensive against what it sees as the "builders charter". Some sympathy for the CPRE's position seemed to come from the House of Lords as they sent proposals to relax rules on permitted house extension work back to the Commons for a further rethink.

The reignited fierce debate over who holds the relative advantage in planning – the development community or the local community – replays of course the fundamental tension inherent in the planning system itself.

The planning control arena has always pitted ideas of collective interest against individual interest. We all tend to start out more or less on the same side – "I'm all for more affordable housing...". The inevitable qualification follows soon afterwards, justified by a various pick and mix of "but not where it has been proposed.. it will ruin an area of natural beauty and/or destroy the character of the local area".

Virtually everyone agrees that investing more in housing and infrastructure will help get Britain out of recession. Virtually everyone agrees that a growing economy needs more and cheaper new homes. Nobody wants to ruin our countryside and no-one wants to be labelled a NIMBY. With so much agreement about, it might seem surprising just how much room is left for quite serious disagreement... *Read more on the Housebuilder & Developer news blog ref: 83870*

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JUDICIAL REVIEW

Judicial review reform welcomed by industry

A judicial review system that has bogged down property development with 'meritless applications' faces fresh curbs in a move welcomed by the British Property Federation.

The changes, announced today by Justice Secretary Chris Grayling, follow a six-week consultation and are aimed at stopping the use of judicial review as a 'cheap delaying tactic'.

Changes include: Halving the time limit for applying for a judicial review of a planning decision from three months to six weeks; The introduction of a £215 court fee for anyone seeking a hearing in person after their initial written judicial review application has been turned down; Banning people from seeking a hearing in person if their initial written application has been ruled as totally without merit.

The BPF has for many years campaigned for reform of the judicial review system, believing it leads to delays in commencing development until the claim is heard, thereby delaying or frustrating altogether the potential social and economic benefits arising from the development... *Read more on the Housebuilder & Developer news blog ref: 79227*

TECHNICAL GUIDANCE

FSF releases consultation document

The Technical Guidance Workstream of the Fire Sector Federation has released for open consultation a draft document on Fire Safety and Sustainability in Building Design.

The document aims to encourage all those involved in the specification, planning, design and construction of fire safety in new buildings to think more widely than health and safety alone. Its intention is to help people to consider how to make a building sustainable in the face of fire and promote a low environmental impact.

Fire Safety and Sustainability in Building Design explains that the ability of a building to avoid disproportionate damage in the event of a fire should be taken into account when considering its capacity to be sustainable and maintain a low environmental impact.

Intended as a voluntary guide, the document is based on the principle that to be described as 'sustainable against fire', the constructed building must be able to demonstrate that, if it is involved in fire, it will have a lower environmental, economic and social impact than would have been the case if it had observed only mandatory fire

safety standards. It recommends 12 best practice processes that should be followed to ensure sustainability against fire.... *Read more on the Housebuilder & Developer news blog ref: 40562*

EVENT

Largest All-Energy renewables show a month away

All-Energy 2013, the UK's largest renewable energy exhibition and conference opens in Aberdeen on Wednesday 22 May. The two-day event, the largest in its 13-show history, has some 580 exhibitors filling 8,000m² (net) at the Aberdeen Exhibition and Conference Centre (AECC); over 320 speakers from home and overseas in the world-class multi-stream far ranging conference; and a further 60 in three showfloor seminar theatres, which are devoted to offshore wind, wave and tidal and business energy efficiency... *Read more on the Housebuilder & Developer news blog ref: 73037*

COMMUNITY FUNDING

Housing project provides funding boost for community groups



Community groups in Yorkshire are celebrating after receiving donations from a fund set up as part of a major housing project in the area. A wildlife group, theatre project and youth club are among the organisations to benefit from the latest allocation of the £100,000 Keepmoat Community Fund.

The fund is being delivered as part of the Seasons housing scheme, a partnership between Keepmoat Homes, Barnsley Metropolitan Borough Council, Chevin Housing Group, Berneslai Homes and the Homes and Communities Agency, which will see 875 homes built in the Thurnscoe area over the

NEWS BYTES

The latest news for house-builders and developers. Visit www.hbdnews.blogspot.co.uk and enter the reference number for more information

More savings, more certainty, better value – Pick Everard's perspective on the future of the UK Public Sector estate... **Ref: 11581**

CIC congratulates the winners of The Duke of Gloucester Young Achievers Awards 2013... **Ref: 53554**

Analysis of the house price benefit of Crossrail across Central London residential markets... **Ref: 45011**

Is this really the plan? First anniversary of planning reforms finds less local control and more greenfield development... **Ref: 53356**

Redrow builds on its success and receives five stars for the third year running... **Ref: 54268**

Asian expansion for John Hitchcox's yoo as demand for luxury homes grows... **Ref: 54325**

next 15 to 18 years. Groups applying for funding must meet the criteria set out by the Thurnscoe Alliance, a group of active community representatives and key stakeholders, with projects that address education, employment and environmental issues considered... *Read more on the Housebuilder & Developer news blog ref: 97501*

COMMENT

Business bank would boost building

Figures released by the Office of National Statistics show the economy growing by 0.3 per cent in Q1 over the previous year. However, the construction industry continues to adjust to the prolonged period of austerity with a decrease

of 2.5 per cent.

Julia Evans, chief executive of the **National Federation of Builders**, said: "This is the 'new normal', greater competition for work, less public money available and a clear client focus on value for money. We will continue to see construction companies going into administration as the industry adjusts to an extended period of austerity and constrained credit."

Lifelines such as the £40 billion investment in infrastructure and Funding for Lending have not brought the stability or boost to the industry that was hoped for. The infrastructure spending, announced in July 2012, is yet to materialise. Funding for Lending, intended as a targeted intervention to help SME lending has helped those looking for mortgages... *Read more on the Housebuilder & Developer news blog ref: 92244*



Willmott Dixon's deal for £40 million Greenwich Millennium Village

Willmott Dixon has taken its secured order book for new housing in 2013 to £160 million after agreeing a £40 million contract for the next phase of Greenwich Millennium Village, a Taylor Wimpey Central London and Countryside Properties joint venture project.

Willmott Dixon will build 206 homes on the Greenwich Peninsular mixed-tenure housing scheme that will be available for private sale and shared ownership. Designed by architects Jestico + Whiles, Greenwich Millennium Village is a collection of one-, two- and three- bedroom apartments being developed over several phases close to the Greenwich Yacht Club, The O2 and Canary Wharf.

Construction of this phase is scheduled to conclude in spring 2015, with Taylor Wimpey Central London and Countryside Properties aiming to develop up to 1,800 homes at the Greenwich Millennium Village over the next 15 years, which will be a major boost for jobs and growth in the construction industry.

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Editor's focus

DURA COMPOSITES



Timber composite cladding still represents a tiny segment of the overall cladding market, and UK suppliers are few and far between, but it seems key decision makers are finally realising its true value. One of the main points to note for the eco-minded is that a quality timber composite product like Dura Cladding can be just as green as wood, if not more. A report from CERAM UK confirmed that the product meets the highest sustainability specifications. It is made of 87 per cent recycled materials, and recently Dura became the first timber composite supplier to become FSC® 100 per cent certified. The only maintenance required would be cleaning, just like any other outdoor product.

enq.104

RESIDENTIEL VINYL CLADDING



BISEWI LTD, major insulation installers in Scotland, are working with Scottish Gas on grant aided insulation to older homes lacking the necessary insulation values and have chosen Royalcrest vinyl cladding, from Residentiel Vinyl Cladding as the preferred exterior. Director Eddie Dawson stated that aesthetically and technically he felt it was better than other similar looking products. It is more robust while being much lighter, which is an important factor. It is one of the most environmentally sound products on the market. Vinyl cladding is friendlier to the environment when considering factors such as air pollution caused by production, fossil fuel depletion and global warming impact.

enq.105

WYKEHAM MATURE PLANTS



Supplying the trade and public for over 30 years, Wykeham Mature Plants has an extensive range of trees, shrubs, hedging and conifers in large sizes for instant effect.

Staff at Wykeham are experts in providing customers with instant screening for privacy and security, whether the job requires carefully selected trees, mature hedging or plants clipped or trained in some way.

Wykeham Mature Plants address the issues of each job individually on-site and their professionally executed design and planting services are available to both private and commercial clients.

enq.106

BUSINESS LENDING GROUP



Business Lending Group (BLG) has launched its new website www.business-lending.co.uk, designed to provide useful funding information to UK housebuilders and developers. The new site gives easy access to BLG's lending parameters and loan products, which start from 8.25 per cent p/a plus fees. Peter Wade, chairman of Business Lending Group, said: "BLG's mission statement is 'Our business is helping you build'; the new customer-centric website forms part of this overall mission to be the development finance lender of choice. While the strongest form of communication with our customers is our site visits and regular telephone contact, having a useful website strengthens the support we provide."

enq.107

VERSATILE INSURANCE



When you run a business, you need to build up a team of professionals to help you, such as an accountant, solicitor and bank manager.

Your insurance advisor is also important because your business needs are individual to you and you require cover to be tailored to your needs.

Versatile Insurance Professionals Ltd are specialists in the construction industry and were founded in 2004 to advise and arrange insurance for small builders and property developers.

enq.108

PARK FARM DESIGN



Park Farm Design Ltd has a simple objective, to provide the most eco efficient, comprehensive and versatile glazing solutions available. As a UK importer of high performance doors and windows, Park Farm supplies and installs an extensive range of bespoke products. With unparalleled thermal efficiency and quality, its range includes folding sliding doors (bi-fold doors), lift & slide doors, sliding patio doors, sliding walls, pocket doors and entrance doors as well as a variety of complementary windows and glazed screens. With an acute eye for luxury housing projects and a perceptive vision on smaller more intimate projects Park Farm Design Ltd offer the very best of both products and services.

enq.109

New housing scheme on redundant site aims to revive town centre



Clearview Homes has submitted a planning application to the London Borough of Ealing for a new landmark mixed use scheme on the site of the former Red Lion Public House in Greenford, West London.

Assael Architecture has designed the scheme for Clearview Homes, which will provide 44 residential units comprising of one-, two- and

three-bedroom apartments with private balconies looking over a landscaped shared garden to the rear. The design takes an 'L' shaped form, fronting both the Broadway and Greenford road.

Throughout the design process Assael and a team of experienced consultants have liaised with Ealing Council to deliver this carefully considered development. A public consultation exhibition for the development was held in Greenford Town Hall to give the Greenford Community the opportunity to view and provide feedback on the prospective scheme. Both local retailers and residents felt that it would give a much needed 'lift' to the area and encourage new retailers to invest.

Particular attention throughout the design is paid to incorporate shared external space for residents and the local community. The 10,000 square feet ground floor is designed to integrate retail and neighbourhood use. The contemporary design has been informed by the surrounding buildings in Greenford, which have dictated the height and size of the new corner site. This has been reflected in the attention to window patterns, bay widths and brick detail.

Dipa Joshi, associate director of Assael, said, "We are proud to deliver a building that respects the architectural heritage of Greenford on this prominent corner of the town. The project has been designed to provide space for both the local community and encourage investment from retailers in this area of Greenford."

A decision on planning approval is expected by the end of July 2013.

DESIGN

Staircases take centre stage



In the past domestic staircases were built within the confines of a hall or entrance lobby and even grand staircases within stately homes were situated in areas where people tended not to linger due to the challenges of heating these magnificent residences. Today

however, the staircase is no longer out of sight-out of mind, as the trend towards open plan living has promoted its importance. Being visible from key areas of the property a feature staircase adds desirability and wow factor as well as being functional.

Says Richard McLane, design director of staircase specialists BISCA, "Space is increasingly at a premium in homes, and staircase designers often have to maximize the illusion of light or openness, incorporate storage areas or work cleverly around room entrance and exits while executing a staircase design brief."

enq.604



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Offsite construction to play a more substantial role in house building

The recent Offsite Housing Review published by the Construction Industry Council (CIC), highlighted the potential for offsite construction methods to play a more significant role in the housebuilding industry.

The most striking aspect of the investigation, conducted by the CIC and research partners from across the industry and government, has been the broad level of agreement among experts that there is a shortfall in housing stock, which is not predicted to improve with traditional construction solutions.

The Offsite Housing Review states that to 'crack this market,' offsite producers will need to innovate to build better houses faster.

In the early 1990's, Simon Orrells, MD of Frame Wise, recognised the opportunities in offsite construction and fully endorses the Review.

"With our philosophy of, 'using today's products for tomorrow's energy efficient solutions,' Frame Wise has become one of the UK's leading offsite timber frame manufacturers," said Simon Orrells. "We have built our reputation on pioneering timber frame as a construction method for many types of buildings and have continually developed our services to reflect the changing needs of the market."

Working across self build, new build and social housing sectors, Orrells has used experience gained in the offsite commercial construction sector to develop products and services for housebuilding. The development of the Wise Wall solution, has driven sales, particularly in the self build sector, where developing energy efficient homes is a key driver, as on-going energy costs is a 'hot topic' for those building their own homes.

Timber is widely considered the most sustainable mainstream building material with the lowest embodied CO₂ of any commercially available products. Timber delivers



a high-performance building solution that directly contributes to achieving high Code for Sustainable Homes Levels. Using timber technology is a huge motivation in achieving Excellent/Outstanding BREEAM ratings and demonstrates a high commitment to environmental best practice and Corporate Social Responsibility.

Simon Orrells concluded, "The Offsite Housing Review is long overdue and highlights the opportunities for our industry. Here at Frame Wise, we are already benefiting from the implementation of some of the reviews recommendations. We are constantly looking for ways to make it easier for our customers to select and utilise timber technology, including our latest Wise Wall Closed Panel solution to help meet the government's carbon and energy-efficiency agenda."

Operating out of a factory on the Welsh border, Frame Wise has automated the construction of precision-engineered components for timber frame, closed and open panel systems. The company sources timber from well managed forests with full traceability and has FSC and PEFC Chain of Custody.

"What homes where?" Free online toolkit that allows communities to understand their local housing need

A leading group of housing and planning organisations have launched, in parliament, a toolkit that will allow anyone – at the click of a button and free of charge – to find out how the population of their area has grown to what it is today and what the official projections say about how it might change in the future.

Against the backdrop of the government's ambitions to devolve powers to the local level and streamline national policy, the **Local Housing Requirements Assessment Working**

Group (LHRAWG), came together in 2011 in response to a call from practitioners for practical support in assessing how many homes were needed in their areas in the context of the new housing and planning framework.

The tool, called *What Homes Where?* and its companion guide, *How Many Homes?* are available free from www.howmanyhomes.org.

At an event hosted by Lord Matthew Taylor of Goss Moor in the House of Lords, those involved in housing and planning, from commu-

nity level through to local and national levels, will be able to learn more about how they can make the most of this tool in the communities they live and work.

The tool also provides the opportunity to look at what is happening in adjoining areas based on a consistent approach, the number and age of people moving into and out of an area, and understand what effect alternative assumptions to those used in the official projections would have on the future shape of the local population.

NEWS BYTES

The latest news for house-builders and developers. Visit www.hbdnews.blogspot.co.uk and enter the reference number for more information

Esh Group recruits 'eye-catching' apprentices...
Ref: 40107

National loft conversion company Econoloft report a hike in sales...
Ref: 14513

ISG secures luxury Notting Hill residential scheme...
Ref: 65441

Astley Castle was nominated for the prestigious Designs of the Year awards 2013...
Ref: 24247

BBA approves its 200th Green Deal installer...
Ref: 58126

EVENTS

Greenbuild Expo

8 - 9 May, Manchester
www.greenbuildexpo.co.uk

Greenbuild Awards

8 May, Manchester
www.greenbuildawards.co.uk

The ARC Show

19 - 21 May, London
www.thearcshow.com

kbb LDN

19 - 21 May, London
www.kbb.co.uk

INTERIORS LDN

19 - 21 May, London
www.interiorsuk.com

DX

19 - 21 May, London
<http://dx-london.com/>

All-Energy 2013

22 - 23 May, Aberdeen
www.all-energy.co.uk

The Ideal Home Show Scotland

24 - 27 May, Glasgow
www.idealhomeshowscotland.co.uk

OAS Development Awards

14 June, London
www.oasdevelopmentawards.co.uk

Eco Technology Show

14 - 15 June, Brighton
www.ecotechnologyshow.co.uk

Eco Open Houses

15 - 16, 22 - 23 June, Brighton
www.ecoopenhouses.org

The Energy Event

10 - 11 September, Birmingham
www.theenergyevent.com

Energy Efficiency & Renewables Awards

12 September, Coventry
<http://energyefficiencyexhibitions.co.uk/awards/>

100% Design

18 - 21 September, London
www.100percentdesign.co.uk

Open House London

21 - 22 September, London
www.londonopenhouse.org

Timber Expo

24 - 25 September, Coventry
www.timber-expo.co.uk

Energy Efficiency Exhibitions, incorporating Renewables Roadshow

10 September, Exeter
 12 September, Coventry
 17 September, Newcastle
 19 September, Edinburgh
 24 September, Surrey
 26 September, Manchester
www.energyefficiencyexhibitions.co.uk
www.renewables-roadshow.co.uk

Energy Efficiency & Renewables Awards

12 September, Coventry
www.energyefficiencyexhibitions.co.uk/awards/

British Homes Awards 2013

18 October, London
www.britishhomesawards.co.uk

GreenbuildEXPO

8 - 9 May 2013
Manchester Central

The event is completely free to attend and offers a packed schedule of debates, workshops and seminars, as well as exhibitors showcasing the latest green products and solutions. For the first time the 2013 event will also be home to CO₂t, an event dedicated to sustainable transport.

Following its success at the 2012 event, the Green Deal debate area will be at the heart of the show, giving visitors the chance to hear from key organisations and government departments, including DECC and CLG, on what Green Deal means for the built environment and how we can all make the most of this flagship green policy. The debate area will also give Green Deal providers a platform to explain how the low-carbon retrofit model works, and how everyone from installers to local authorities can get involved. In addition, the themed seminar rooms will offer something for everyone, with sessions on everything from green materials and sustainable methods of construc-

tion, to low-carbon design and energy-saving refurbishment.

Other highlights of Greenbuild Expo 2013 will include:

- Sustainable Cities – green solutions for commercial buildings from schools to hospitals, as well as high-density housing, focusing on smart buildings
- Training Hub – find out the skills you need to get ahead and try out FREE taster training sessions
- Greenbuild Awards – all the finalists of the second awards will be on display, and many will be presenting their shortlisted projects, explaining how they have achieved impressive energy savings
- Seminar content covering newbuild, energy management, sustainable materials, methods of construction, zero carbon buildings, renewable energy, buildings as power stations, legislation and energy efficiency.

There will also be CPD-accredited seminars

- A wide mix of exhibitors including University of Salford, BMF, Aggregate Industries, NHBC Foundation, CIBSE, Mitsubishi Electric, NAREC, Jewson, Zero Carbon Hub, Klobber, Pegler, NAPIT and BRE
- Green Deal help zone – an advice clinic run by UKGBC answering all your Green Deal questions.

Greenbuild Expo is completely free to attend and takes place on 8 and 9 May at Manchester Central. The 2013 event is sponsored by Plumb Center, University of Salford and UKGBC.

To register FREE visit
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and follow
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on Twitter for show updates



HBD news blog

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NEWS BYTES

The latest news for housebuilders and developers. Visit www.hbdnews.blogspot.co.uk and enter the reference number for more information

Shorey Bank development team appointed...

Ref: 92515

Isover announces student Multi-Comfort House design competition winners...

Ref: 62635

Emma Brindley has designs on creating show stopping homes for Redrow...

Ref: 78305

Grainger's Nick Jopling comments on Build to Rent Fund...

Ref: 83476

BPF welcomes £700 million boost for build-to-let homes...

Ref: 53931

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SHOW PREVIEW

Education is the key

The Eco Technology Show 2013, the UK's premier event for trade, building owners, occupiers and the general public, places education and networking at the heart of its two-day exhibition (14-15 June). The Friday is for trade, the Saturday is open to the public.

After a successful debut last year, which saw more than 4,000 visitors interact with 115 exhibitors, this year's show has switched to a central Brighton venue with a host of new features.

The Eco Technology Show is a 'must attend' event for anyone interested in the latest eco technologies, energy efficiency and saving money. The energy-packed event showcases low carbon products and services including self-build and renovation, energy, transport and technology, and will unveil the latest eco technology innovations.

The Eco Technology Show has over 100 exhibitors already confirmed and will span three exciting exploration zones encompassing: Eco Build, Renewable Energy, Office, and Home, Transport, Technology and Innovation zones. You will be able to see the latest products, innovations and services covering these here zones:

- Build, Design, Energy, Office & Home Zone – Sustainable construction & design, energy, waste products and services, for new build, refurbishment, residential and commercial projects.
- Transport Zone – See an entire floor of ultra-modern concept cars and vehicles. Vehicle manufactures, Telematics, Driving Apps, Driver training, Vehicle accessories plus lots more.
- Education, Technology and Innovation Zone – Education providers, business and community networks, new innovations, technology products and services

"Visitors to the show will have a unique opportunity to find out more about the sector's latest products, as well as relevant regulation and financing, which will help their business sustain growth in spite of the current economic turbulence," says Nicola Gunstone, commercial director.

"Once the good times roll again, those companies that have put in the vital preparatory

groundwork will be best placed to take advantage of new business in new and existing markets."

Choose from two days of over 50 free workshops and talks covering commercial property, renewable energy, the Green Deal, domestic energy efficiency and retrofits, plus smarter transport and waste. Through its conference and two-day seminar programme, The Eco Technology

"The ideas that these people will be sharing with our delegates can keep the UK at the forefront of innovative technology ideas"

Nicola Gunstone

Show gives legislative, regulatory and market context to the products and services on offer.

There will be three seminar areas on the Friday covering: Green Deal and domestic energy efficiency retrofits in area 1; Commercial property and renewable energy in area 2; and innovation, smarter transport and waste in area 3. Other workshops include 'Green and Sustainable Technology' by Satish Kumar editor-in-chief of Resurgence & Ecologist magazine and 'Utilise workshop' with Sustainable Business Network, which is a practical, focused course to help your business save money through improving energy and environmental efficiency.

At the 2013 one-day Smart Business Conference, on Friday 14, business & public sector leaders speak about the opportunities for innovation and sustainable growth for future cities & business. The conference is broken up into morning and afternoon sessions. Morning sessions cover government and local authority perspective – 'Future' cities, and afternoon sessions cover Business perspective – the 'net positives' plus export & high growth start-ups.

Confirmed topics include funding for renewable energy (renewable heat incentive, feed-in-tariffs); saving money for developers through sustainable solutions; whole-life costing of housing developments; and re-skilling the supply chain for more energy efficient buildings.

Nicola Gunstone comments: "We are delighted to have such a great line-up speaking at our conference. The UK is in a global race and the ideas that these people will be sharing with our delegates can keep the UK at the forefront of innovative technology ideas."

You can choose to attend either of the sessions, or make the most of this valuable experience and stay for the day.

There will be two seminar areas on the Saturday covering Self Build, Household Energy Efficiency & Retrofit, Renewable Energy, Smarter Driving & Waste. Some of the topics include; 'Practical energy saving solutions, how long to payback?' and 'Renewable Energy: what



are the latest incentives & how you can benefit'. Saturday's programme will be published at the end of April so keep an eye on the Eco Technology Show website.

One of the new features for this year's show includes the Communications Hub, a series of bookable meetings allowing, for example, developers to talk to suppliers and suppliers to explain their products to developers. Developers can book a meeting with a council officer to discuss, say, how the tender process for building new homes in the city works. You can also book a meeting with the experts at our Advisors Hub or attend a problem solving surgery.

Also happening throughout Brighton and Hove will be the first ever Eco Technology Show Fringe, offering visitors even more eco experiences from partners across the city. This will include:

- Brighton Fashion Week – 'Sustain', a new fashion show dedicated to the art of eco design, will prove that economically conscious design is equally as glamorous as the rest of the fashion world.
- Eco Open Houses – Eco Open Houses is running its 6th annual event with over 20 house holders throwing open their doors to the public, showcasing the very best in self build, energy efficiency and green architecture.
- People's Day – Brighton's colourful street festival on 15 June showcases activities from various communities across the city and The Eco Technology Show has become the dedicated Eco Zone.
- The Waste House – Showcasing how low-carbon, affordable and attractive homes can be built using locally sourced waste including

surplus material from the construction industry, The Waste House at the University of Brighton is the UK's first house made almost entirely of thrown-away material. It is a collaboration between private, public and community sectors.

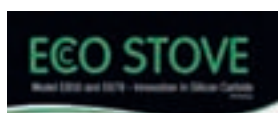
Nicola Gunstone comments: "This year's first Eco Technology Show Fringe will see the show expand right across Brighton and Hove, presenting even more eco experiences to our visitors. Whether it's meeting local eco community groups at People's Day, watching models wearing sustainable materials strut the catwalk at Brighton Fashion Week or touring an eco house for some at home inspiration, this is set to be the largest eco event that London and the South East has ever seen!"



The Eco Technology Show opens from 9am-5pm on Friday 14 June and from 10am-5pm on Saturday 15 June.

Tickets and further details can be found on the website www.ecotechnologyshow.co.uk

To register for your free ticket now, go to the website and click REGISTER NOW, then TRADE, and enter the promotional code HBD02



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New thermally efficient wall tie



Ancon has become the first UK wall tie manufacturer to offer a Type 2 stainless steel wire tie for insulated cavities up to 150mm wide. The new 'Staifix RT2 275mm' wall tie has been designed to meet the growing demand for wider insulated wall cavities in multi-storey housing and commercial

buildings, as thermal performance requirements continue to increase. It is currently the only Type 2 wire wall tie available for cavity widths between 126mm and 150mm, suitable for buildings up to 15 metres high as standard and taller structures subject to calculation.

0114 275 5224 www.ancon.co.uk

enq.114

Pioneering Cotswold Collection



Northcot Brick is offering builders and architects the best of all worlds with the innovative 'Cotswold Collection' – the first of a new generation of machine made bricks, which has many of the qualities and characteristics of traditional handmade products.

Made from finest Cotswold clay, this unique collection is coal-fired to create an attractive natural appearance, with distinctive warm tones and a variable textured surface, which will add value to a wide range of new build and renovation projects, enabling builders and architects to create a stunning design feature. Available in three distinctive pastel shades – red, blend and orange – the range is hand blended to create a consistent mix of bricks within each pack.

enq.116



Will your housing development be a winner at 2013 Brick Awards?

Once again, the search is underway to find the best brickwork in action for the 2013 Brick Awards. Organised by the **Brick Development Association**, the annual Brick Awards provide the definitive showcase for what clay brick can achieve and why it continues to be the building material of choice. The number of entries for the housing category continues to increase and last year four clear winners were unveiled to receive the following awards: Best Housing Development Units 1-5: Four Oaks, Marlborough; Best Housing Development Units 6-25: Horsted Park, Chatham; Best Housing Development 26 Units or more: Student Accommodation, Somerville College, Oxford; Volume Housebuilding Award: Barratt. The 2013 Brick Awards will be presented at the Marriott Grosvenor Square Hotel, London on 14 November. The closing date for entries is 14 June. Call to request an entry form or download a copy.

020 7323 7030 www.brick.org.uk/2013-entry-form

enq.118

HELIFIX launches new literature



Since developing the original helical fixing in 1984, **HELIFIX** has continued to innovate, expanding its range to include specialist helical wall ties, fixings and masonry reinforcement systems for use in both new build and refurbishment. In addition to full product information, the new brochure 'Principles, Products and Applications' also includes a summary of the company's innovation accomplishments spanning almost 30

years. Helifix products have proven an effective cure for common structural defects in most construction materials including masonry, timber and concrete.

enq.115

Ibstock's new range extends choice



Ibstock has further enhanced its broad product range with the launch of the new Northumbrian Castle range of bricks. Ideal for housebuilders and developers seeking to create attractive street scenes that blend well together, the Northumbrian Castle range provides an exciting new brick option for the marketplace. Available in four colour blends, the range's development is based on a new texture that sees colours vary from brick to brick, as opposed to colour variance across individual bricks. The random weathering effect gives a light but natural look to finished brickwork, creating a distinctive, attractive and uniform kerb appeal.

vides an exciting new brick option for the marketplace. Available in four colour blends, the range's development is based on a new texture that sees colours vary from brick to brick, as opposed to colour variance across individual bricks. The random weathering effect gives a light but natural look to finished brickwork, creating a distinctive, attractive and uniform kerb appeal.

enq.117

Bison sets foundations for assisted living



Bison Manufacturing Ltd, precast concrete manufacturer, has supplied its hollowcore flooring and precast stairs and landings to McCarthy & Stone's new private assisted living development in Culter, Aberdeenshire. A total of 5,226m²

of Bison's bespoke Hollowcore flooring complete with a variety of factory-formed notches, slots and reinforcement arrangements was specified for the North Deeside Road development, together with 29m³ of precast concrete stairs and landing units. Named after local Olympic silver medallist David Florence, the luxury Florence Court development will feature 53 wheelchair accessible one and two bedroom apartments exclusively for residents over the age of 70.

enq.119

BBA approves 200th Green Deal installer



The **BBA** has approved its 200th installer to the requirements of PAS 2030, which sets out the specification for the installation of energy efficiency measures in existing buildings. Robert E Lee has been approved to carry out external wall insulation system installations. To gain certification the company had to satisfy the BBA that it met the core require-

ments of the PAS including an initial evaluation of the installation process, record keeping, the management and service provision aspects of the PAS, plus surveillance visits. This inspection process will be familiar to installers already approved under a BBA Installer Scheme.

01923 665300 www.bbacerts.co.uk

enq.120

The concrete brick comes of age

Concrete facing brick is finding a growing market among housebuilders and developers. Andy Cotton, MD of Edenhall, Britain's leading independent brick manufacturer considers the reasons why

Concrete facing brick is growing in popularity among housebuilders. There's a simple reason why. It provides kerb appeal at a reasonable cost. Essentially, it offers a remarkably fair match to clay brick when viewed as completed brickwork, has all the technical superiority of concrete and costs significantly less than clay.

Prices are normally in the region of 25 per cent less than clay for bricks of equivalent quality. Alongside this, the density and relatively low suction rates of the bricks can lead to savings of up to 15 per cent on mortar use.

But unbeatable cost is not the only reason why more housebuilders are turning to the concrete alternative. It's also due to product innovation and strong aesthetics. Over the past decade there have been terrific advances in quality, colour and texture, making it easy for housebuilders to create a unique aesthetic for their developments or blend effectively with the vernacular. Concrete facing brick provides an attractive and cost-effective external skin to structural blockwork or timber and contributes scale, colour, texture and a sense of permanence.

Unbeatable cost is not the only reason why more housebuilders are turning to the concrete alternative

The product accounts for around 5 per cent of UK brick deliveries and is bucking the trend of plant closures and falling sales in the clay brick sector. Housebuilding is a major user, with quality facing bricks and specials, rather than commons, being the growth market. Barratt, Bellway, Mace, McCarthy & Stone, Redrow, Taylor Wimpey and the Duchy of Cornwall are just some of the companies that routinely use the product across their developments. Bellway and Mace are currently making extensive use of concrete facing bricks in the heart of the Thames Gateway in London.

These days concrete facing brick provides a wonderful mix of tones and textures. Clay brick gets its colour from the clay it is made from, and

this cannot give as wide or exciting a palette as the variety of natural aggregates and blends used by concrete brickmakers. Vibrant and exciting colours range across the spectrum from traditional reds and buffs to stunning contemporary shades of cream, white, grey, green and blue.

Unrivalled colour options are complemented by an impressive range of textures. Recently introduced sand-faced finishes offer an outstanding match to both clay and calcium silicate and are

taking the market by storm. A striking aesthetic can also be created with rusticated, shotblasted, splitfaced and rumbled textures, which lend an aged or weathered appearance to the elevation. Stock finishes are full of character and have the rough and irregular format associated with hand thrown brick – close equivalents to LBC's London stocks are now available in concrete. Smooth finishes are available for detailing brickwork and split stone finishes replicate the

Continued overleaf...



Bellway development in Thames Gateway

regional variations of quarried stone.

Design versatility is matched by outstanding strength, durability and dimensional accuracy. In many ways concrete brick surpasses the technical capabilities of clay brick in terms of its strength, durability, moisture penetration, colouring and textural consistency. And concrete actually hardens with age, becoming progressively stronger and less permeable, while clay tends to reverse its cycle over time – it tends to revert to the raw material in damp conditions such as basements.

So what is concrete brick? It's simply a modern masonry unit produced by compacting a semi-dry mix of selected aggregates and cementitious material. The manufacturing process is easily and accurately repeated, ensuring consistent properties and appearance. Indeed, today's product has been refined to the point where bricks can be turned out to levels of consistency and quality control that other sectors of the industry have yet to achieve.

Process developments ensure that the product remains colourfast for its lifetime. Often its colour is reinforced by choosing an aggregate with the appropriate inherent colour. Colour matching is precise, with tight control between batches. Concrete bricks are through-coloured to allow for weathering.

Building with concrete facing brick doesn't differ from building with any other masonry product. Dimensional accuracy and consistency



London Gateway development by Mace

can help with laying out and maintaining brick courses, making it easier to achieve a high standard of finished brickwork.

Regarding sustainability, concrete brick reaches the standard required for level 4 of the Code for Sustainable Homes, with a BRE A+ rating for brickwork. The product is 100 per cent recyclable and is suitable for use as a crushed aggregate. It is not hampered by the high embodied energy

of fired clay and is made and distributed in the UK, minimising the carbon footprint and maintaining UK employment.

When these environmental attributes are twinned with strong aesthetics, excellent technical properties and competitive pricing, it's easy to understand why more housebuilders want to experience the benefits and why the concrete brick has come of age.

enq.121

enq.122

Now you can do it in the wet with Geo-Fix



Geo-Fix is already the trade's favourite paving jointing compound but now it is even better as Everbuild Building Products announce the arrival of Geo-Fix All Weather – same quality that you would expect from the Geo-Fix brand but with a new rain compatible formula! We all know that the great British weather is unpredictable,

which can often make planning an outdoor job difficult. With Geo-Fix All Weather there is now no need to worry about losing out because of wet weather forecasts, because Geo-Fix All Weather is guaranteed to do just as good of a job come rain or shine!

0113 240 2424 www.everbuild.co.uk

enq.123

Trend's new 2013 catalogue



Trend has just launched their new 2013 Routing and Woodworking Catalogue. The catalogue, launched on March 1, shows their complete range of router cutters, power tools, routing jigs, woodworking accessories and Trend Snappy tooling. It features over 100 new and innovative product lines, including the popular Combination Router Base and also includes all the products that

have been launched by Trend in recent months. The brand leading Professional router cutter range has been extended with new bearing guided bevel trimmers, linen fold cutters, template oversize cutters and new sizes of metric diameter two flute straight cutters.

01923 249911 www.trend-uk.com

enq.124

Solving your CO₂ and insulation problems



Did you know a paint reduces up to 26 per cent heat loss from school buildings? **Thermilate** Insulating Paint works by creating a thermal barrier. Draw on the confidence of a decade of experience from the original innovator of insulating paint products; through continued innovation. UKAS approved, it eliminates condensation and mould problems too. This odourless (Min VOC), low-cost insulation solution is water-based and immediately reduces carbon emissions. Thermilate is an insulating paint that can reduce the heating (and cooling) bills of any building by up to 26 per cent.

0845 680 6124 www.thermilatetechnologies.com

enq.125

Award winning knee pads



On display in Hall 1, on stand number: C23 at the Safety & Health Expo this year (14-16 May 2013 – NEC Birmingham), is a new, award winning, non-foam based, safety kneepad, which maintains its maximum cushioning effect throughout consecutive

or prolonged use. Cliff Lockyer, the CEO of the Daventry, Northamptonshire based company CL-7 Limited, which markets the **Redbacks** kneepads, says: "Having the correct knee protection can help prevent up to six months down time and subsequent loss of earnings through knee injury in the workplace". For more information, or to order, please contact Redbacks on:

01327 702104 www.redbackskneepads.co.uk

enq.127

Geocel puts its new foam on air



Finding solutions to air leakage in buildings is increasingly pressing, a requirement that is now vital due to legislation and mandatory air leakage testing of new homes, extensions and commercial buildings. Sealant and adhesive specialist **Geocel** has launched a new solution to some of the most common air leakage points. New **AIR-BLOCK** Flexible Foam is the only air leakage foam seal on the market tested to the latest standards and offers a versatile solution to filling voids to improve energy efficiency. Geocel is a strategic partner of Dow Corning and Dow Chemical has established itself as a leading supplier of sealant and adhesives.

01752 202060 www.geocel.co.uk

enq.126

Dulux Select decorator of the year



Dulux Select decorator, Mark Rigby, is celebrating after scooping the grand prize in the Dulux Select Decorator of the Year Awards, which honours the craftsmanship of accredited decorating professionals. The coveted accolade was presented to Mark at the annual Dulux Select Decorators' Winter Ball ceremony where he also won his category for an interior painting and decorating project worth up to £999.

Mark, proprietor of MRQD Contracting, triumphed in the competition for his redecoration of a cinema room and bar within a home belonging to a high-profile Premiership football manager.

enq.128

Einhell wet and dry vac collection

German manufacturer **Einhell** has become one of the UK's leading suppliers of wet and dry vacuums and is continuing to develop and produce the most effective and powerful industrial vacuums in the market.

The benefits of the Einhell wet and dry vacuum include:

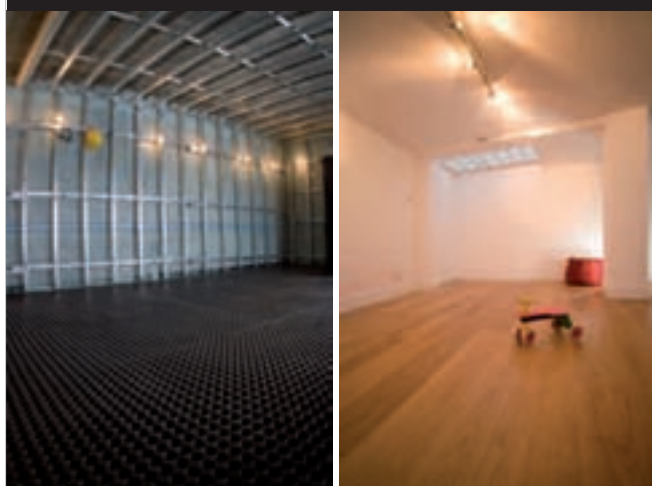
- The most innovative tooling to ensure that suction of both dirt and liquids can be achieved quickly and efficiently.
- The most competitively priced wet and dry vacuums in the UK.
- Two Year Einhell warranty.
- Spare parts and accessories including vac bags available 24 hours a day on the Einhell website.

Please scan the QR code to watch a video on the benefits of the Einhell Vacuum Collection.

0151 649 1506 www.einhell.co.uk

enq.129

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enq.130

Flexible rubber coating for leaks and cracks



RUST-OLEUM® has the solution for sealing leaks and cracks: **LeakSeal™**. A new convenient spray for treating cracks, breakage and leaks in bitumen roofs, roof gutters, drain pipes, outside walls, chimney edges, around roof windows and window frames. The product is unique and offers a great finish. It is easy to use, and 100 per cent waterproof. LeakSeal can

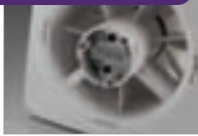
be used on metal, aluminium, PVC, masonry, asphalt roofing materials, bitumen, vinyl siding, fiberglass and more. The coating is based on rubber and creates a flexible seal that lasts under any given weather circumstances.

02476 717 329 www.rust-oleum.eu

enq.131

SMARTer ventilation specification

CIH stand C28



Greenwood Airvac, one of the UK's leading manufacturers of energy efficient ventilation products, will be showcasing their comprehensive ventilation offer for both new build and refurbishment projects at the CIH 2013 Conference and Exhibition at Manchester

Central from the 25-27 June. Helping local authorities ensure the best investment for long-term ventilation specification Greenwood products have been designed with both the landlord and the tenant in mind. On their stand they will provide answers to some of the key issues facing existing housing, with a special focus on energy efficiency in terms of fuel poverty for social tenants, mould and condensation, and nuisance noise.

enq.133

Valor and Robinson Willey

CIH stand D8



Following its first-ever united debut at last year's CIH, **Valor** and **Robinson Willey** – two leading names in fires and biggest brands within social housing – are back with a vengeance. As well as debuting new and existing products from their impressive portfolio, an

exciting line-up of competition opportunities awaits all visitors. 'Affordable heating solutions' is the theme for Valor and Robinson Willey's combined show of strength, and both brands will be parading an extensive new line-up of electric fires and suites that have been designed with both energy efficiency and cost-savings in mind.

0844 879 35 87 www.valor.co.uk www.robinsonwilley.co.uk

enq.132

Radical radiator to feature at CIH

CIH stand C4



Stelrad's Radical radiator – the first serial feed radiator to be available in the UK – will be one of the key exhibits on the stand at the CIH Exhibition in June on stand C4. Genuinely energy saving and independently assessed by KIWA to save 10.5 per cent of

the energy used by standard radiators, it's taken off in a big way since its launch. Pop along to the stand to see the huge range of radiators available including the leading range of LST radiators designed to provide safe heat in applications where the young, the elderly or vulnerable people may live or gather – public buildings, social and sheltered housing, nursing and care home environments.

0870 849 8056 www.stelrad.com

enq.134



UK Worker of the year winner Di Mayze

Di Mayze, a manufacturer from Nottingham, was made the happiest woman in Britain on the 1 March as she received the keys to her brand new SEAT Altea after being crowned UK Worker of the Year 2012. Di wowed the judges with her passion and drive for her business, becoming the competitions' third winner at the Gala event at the Crowne Plaza in Marlow last year. Di's company called Ipee Design Ltd was launched in January 2011 when Di was on maternity leave. A year on and the popular product BuggyTug is sold by some of the leading retailers. She has since launched a new product TugTrio that is a pack of three buggy straps. UK Worker of the Year is a national competition sponsored by **Dickies**, the well-renowned workwear brand, that recognises and rewards the excellence in the UK workforce.

01761 419419 www.workeroftheyear.com

enq.135



Freefoam scheduling service

Freefoam Building Products introduced a scheduling service last year as part of its support package for trade customers. It is pleased to report that over the last 12 months the service has generated significant business for Freefoam customers with an impressive 63 per cent of schedules resulting in orders. The service provides an accurate product specification and quantity breakdown from drawings for all elements of the roofline product range including fascia, soffit, rainwater and cladding materials and with a quick ten day turn around it's a service that an increasing number of customers are finding extremely valuable to their businesses. Central Plastics have used the service regularly over the last year. Scott Findlay, branch manager explained: "We've submitted plans from various contractors and been very pleased with the results, winning 73 per cent of schedules."

01604 591110 www.freefoam.com

enq.136



CIH Housing Exhibition and Conference brings together thousands of housing professionals in the UK's largest housing event

Over three days visitors can meet with over 300 of the country's leading suppliers, while delegates can hear from more than 100 speakers in over 40 sessions tackling the challenges facing the sector.

2013 promises to be an important year for housing, as the sector feels the impact of changes in legislation, regulation and budgets. In this

year of change, CIH Housing Conference & Exhibition is focused firmly on delivery, so that attendees to the event leave with long-term solutions to take back to their organisations.

In order that delegates are able to get the most out of their time out of the office, the conference focuses on four main streams this year:

Growth and markets

The boundaries between housing sectors are merging. Sessions will allow candidates to gain a better understanding of the economic operating environment, current trends and new markets and to highlight the contribution housing can make to economic growth locally and nationally.

Competition and dynamism

The role and place of housing organisations is changing. Experts will discuss and debate what a healthy competitive provider looks like and the different funding methods, business models, and range of products and services there are on offer.

Social impact

Welfare reform, localism and government cuts are changing the relationship between landlord and tenant. Examine the challenges, potential solutions and the delicate balance between commercial profits and social responsibility.

People

Join us to find out how to drive up professional standards, ambitions and skills still further – with a focus on the real issues that are affecting the industry on the ground right now. You will take away practical knowledge, strategies and tools to support your colleagues and to apply in your organisation.

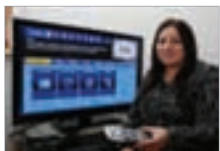
The exhibition has more suppliers than ever before, and even more added content. Discuss sustainability at The Green Room, meet with professional services at The Hub, and hear about asset management, sustainability, resident engagement, and repairs and maintenance in the Ideas Exchange.

Network and share best practice with key industry figures over the three days in Manchester both at the show and at the numerous fringe events taking place throughout the convention area.

Register today at
www.cihhousing.com
 to attend the CIH Housing
 Conference & Exhibition from
 25-27 June at Manchester Central



1 millionth subscriber in Sky enabled flats



One lucky Sky subscriber in Broxbourne, Hertfordshire has been revealed as Sky's one millionth customer within a Sky enabled block of flats, and has been given a free Sky World package for the next year as recognition of this achievement by the

company. A significant milestone for Sky, one million customers represents over 10 years of providing Communal Solutions with specialist teams across the UK for landlords, managing agents and developers. In the last three years as part of the digital switch over Sky has helped blocks of flats receive digital TV by way of providing subsidies for communal systems to their managing agents.

08442 410 331 www.sky.com/communal

enq.137

Hat trick of new appointments



Designer Contracts – one of the UK's largest suppliers of floorcoverings to the new build sector – has appointed three new members of staff to service its expanding business needs. The company has appointed Louise Gay as assistant health, safety and HR

manager, joining the established team at the company's head office. Also joining the company are Simon Lovett and Ann Moore. Simon will help develop the recently opened Thames Medway region as sales manager and brings with him 17 years' worth of industry knowledge. Ann's role as contracts manager is based in the north-west where she will assist in this expanding region.

01756 795374 www.designercontracts.com

enq.138

Instarmac acquires finishing brand



Instarmac has announced its acquisition of the Wondertex brand – a well-established range of drylining, decorative texturing and coving products. Instarmac is an established manufacturer of high quality materials for the tiling and commercial flooring sectors, as well as a renowned market leader in the urban regeneration and highway maintenance industries. The Wondertex brand will make the perfect

addition to this portfolio. Instarmac's products boast a history of innovative research and development, whilst their reputation is constantly endorsed by award-winning customer service, deliveries and production techniques. For information on the Wondertex range of products please still visit the website.

enq.139

Trespa adds colour to affordable housing



The urban jungle has a new landmark development courtesy of an innovative design by Glas Architects and the bespoke façade solutions created by **Trespa**. Making use of Trespa's Meteon panels, the £2.1 million affordable housing scheme in Elephant and Castle, London, for housing association Family Mosaic includes latticed façades inspired by ivy vines. Meteon panels offer the large degree of design

flexibility and adaptability that Glas Architects required for the development to create the distinctive and striking façade. The panels are also vandal resistant, tough, easy to keep clean and retain their appearance over a long period of time.

01952 290707 www.trespa.co.uk

enq.140

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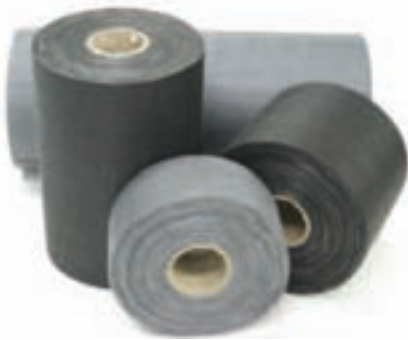
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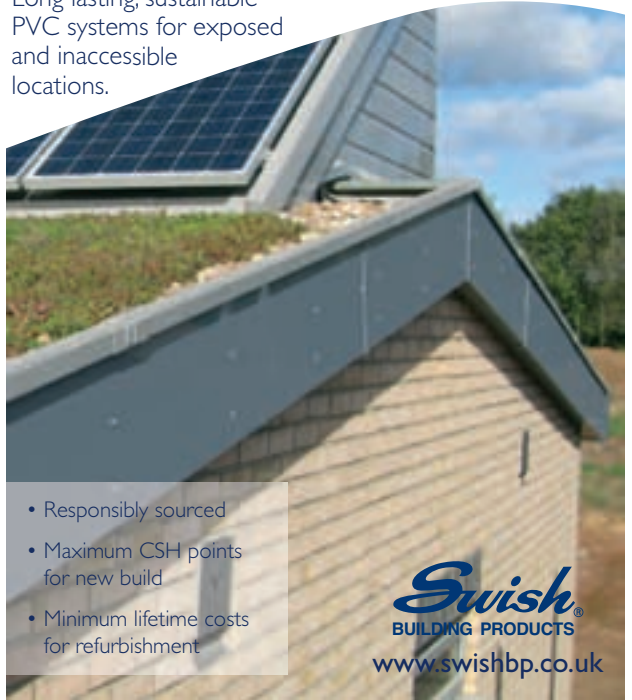


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enq.144

PASSIVHAUS

A route to CFSH compliance

With changes to the Building Regulations in the offing, Gary Bundy, Sto technical director, investigates how the Passivhaus standard offers a route to compliance with the Code for Sustainable Homes

Since 2010 it has been compulsory for social housing to be built to level 4 of the Code for Sustainable Homes (CFSH). Imminent changes to the Building Regulations mean all new housing will now have to be built to a similar level. What is the best way to achieve this? It's widely accepted that a 'fabric first' approach is the most cost effective route and Passivhaus techniques represent, perhaps, the best way to comply with stricter energy efficiency requirements.

Although not yet confirmed, it's expected that the energy performance requirement of the Building Regulations for private homes will be made equivalent to those currently required to meet Level 4 of the CFSH. This means the CO₂ emission requirements for Code Level 4 will likely become mandatory for all private housing developments through changes to the Building Regulations.

The advantage for private housebuilders is that it's been compulsory to do this for social housing for near on three years. This means knowledge and experience on how to build Passivhaus homes already exists within the UK.

For the uninitiated, the Passivhaus standard was developed in Germany in the early 1990s by two professors. The first dwellings completed to the standard were constructed in Darmstadt in 1991.

The definition of a Passivhaus is a building that can be heated or cooled solely by the small amount of fresh air needed to keep the occupants healthy. Since it is not possible to introduce a lot of heat into a building via the fresh air ventilation



Knights place, Exeter

“Passivhaus is an energy performance standard while the Code takes a more holistic approach that also includes, for example, waste, water and construction management”

system, Passivhaus buildings are well insulated and airtight so as to have a very low heating demand. To create such a building requires the use of certain products to clad and externally finish them.

A building certified as complying with the Passivhaus standard will have a minimal space heating requirement of no more than 15kWhr per square metre of floor area per year. A good example of a successful multiple plot, UK-based Passivhaus scheme is in Exeter, built for Exeter City Council and Sovereign Housing Association.

The development required 20 small housing developments to be built on infill sites around the city. All homes had to be “environmentally responsible and healthy places to live in with minimal running costs”.

The client requested that the buildings should meet the performance criteria of Level 4 of the Code for Sustainable Homes. Gale and Snowden

was the architect for the scheme, under leadership from Tomas Gartner. He is a certified Passivhaus designer and an assessor for the Code for Sustainable Homes, so was able to make highly informed recommendations.

Gartner believes that the CFSH cannot be directly compared with Passivhaus. Passivhaus is an energy performance standard while the Code takes a more holistic approach that also includes, for example, waste, water and construction management. In terms of evaluating the performance of the individual building, the Code uses the SAP method to predict the future energy requirements of the building.

He says that Passivhaus is simply a more reliable way of estimating energy requirements than SAP. “We worked out requirements using both Passivhaus and SAP methodology and our findings indicate that the energy use predicted by SAP can show a far lower heating demand than



the houses demonstrate in use," he adds.

Gartner is also a firm believer in the 'fabric first' concept. "Our designs focus on a fabric first approach, whereas the Code allows for micro-generation technology to be included in the calculations to offset CO₂ emissions demonstrating compliance with Code 4. Our view is that it is far more logical to first build the energy efficiency into the fabric of the structure and only use micro-generation to meet the higher Code 5 or 6 levels."

The build method for the Exeter scheme included solid wall construction, incorporating 215mm of dense concrete blockwork faced with an external wall insulation system (EWIS). This resulted in an external wall U-value of 0.1W/m²K. EWIS's represent the ideal way to clad and externally finish a Passivhaus building.

The insulation thickness is only part of the solution, what makes external wall insulation solutions so energy efficient is the careful detailing around openings for windows and doors, where significant amounts of heat can be lost.

With Passivhaus projects cropping up all across the country, it's clear that the build method is gaining traction, becoming more widely accepted in the process. The more Passivhaus projects that come to fruition, the better the standard will be understood, demonstrating that high quality designs can be produced.

enq.145

"What makes external wall insulation solutions so energy efficient is the careful detailing around openings for windows and doors"



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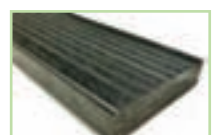
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enq.147

Formica® laminate is a key design feature



Designed by Capella Garcia Arquitectura, Espai Ridaura is a multi-purpose building located in Santa Cristina d'Aro, Spain. The architects, Juli Capella and Miquel Garcia created a stunning look using VIVIX® exterior façade panels. An exceptional feature of the Espai Ridaura project

is its entrance; or rather the canopy above the entrance door. Featuring VIVIX® exterior façade panels in Fantasia Marron, an earth tone evocative of the area terrain, the canopy is a unifying element of the whole structure linking the inside with the outside. Carrying the Carbon Trust's Carbon Reduction Label, VIVIX panels incorporate Formica Group's commitment to sustainable principles and practices.

0191 259 3512 www.formica.com

enq.148

Renderer's Stabilising Primer



Cementone, a leading supplier of products to the building industry, has announced the launch of its new Renderer's Stabilising Primer. Developed specifically for rendering professionals, it makes achieving a quality finish faster and easier. The highly water resistant formula primes and stabilises most

external surfaces to give an excellent key that dries evenly to offer a high level of adhesion. Because it removes the need for an initial scratch coat it allows the finish to be applied as quickly as possible. Designed for commercial, industrial and domestic projects, each product has been developed to help tradesmen complete specific jobs to the highest standards, as efficiently as possible.

enq.150

UK Worker of the Year 2013



Dickies is proud to announce it will be launching the 2013 competition on 15 April to find Britain's top workers and ultimately the UK Worker of the Year. UK Worker of the Year 2013 is sponsored by Dickies, in association with Suzuki. This year's winner will have the luxury of being

able to take home a Suzuki Swift car or if they prefer, a Suzuki bike. This will mark the fourth year of the competition presented by the legendary workwear company, which seeks to recognise and reward excellence in the British workforce. Di Mayze an entrepreneur from Nottingham was crowned UK Worker of the Year for 2012.

01761 419419 www.ukworkeroftheyear.com

enq.149

Hultafors' next generation spirit levels



There's specialist levels, post levels, pocket levels, angle setting levels, line master levels, heavy duty levels, ultra heavy duty levels – even advanced technology levels. Designed with Fisco technology and quality for all types of interior and exterior work, Hultafors' spirit levels have built-in advanced features like easy-read, lightweight but tough acrylic vials. They're fade and leak-resistant to ensure levelling stays accurate throughout years of use.

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enq.151






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enq.152

Feel the heat!



Snickers Workwear probably have the best range of Jackets and Fleece available today. There's over 40 different styles and a multitude of colour combinations and sizes, plus a specialist Profiling Service to provide you with precisely what you need on-site. It's Snickers' design and materials

technology that really set's these garments apart. Top quality, hardwearing, warm and comfortable, Snickers' hallmarks of design, comfort and practicality are built-in at source. With a host of garments from 'Body-Mapping' Micro Fleece Jackets and Pile Fleece to 'Windstopper' Soft Shell and Power Polyamide Jackets, there's something to suit everyone – whatever their shape and build.

enq.153

A superior range of Hi Vis working clothes



Snickers Workwear takes personal protection very seriously. That's why this range of Hi Vis clothing is streets ahead of anything else. With an extensive range of jackets, trousers, toolvests, shirts and fleeces, there are 29 different garments in the range and a host of colour options and sizes. These 'outstanding' products combine Snickers' unrivalled hallmarks of functionality and comfort with the requirements

of the EN471 standard for high visibility warning clothes. All the garments feature high quality fabrics for durable, colour-fast protection that will last for wash after wash, retaining shape and comfort throughout the life of the garments.

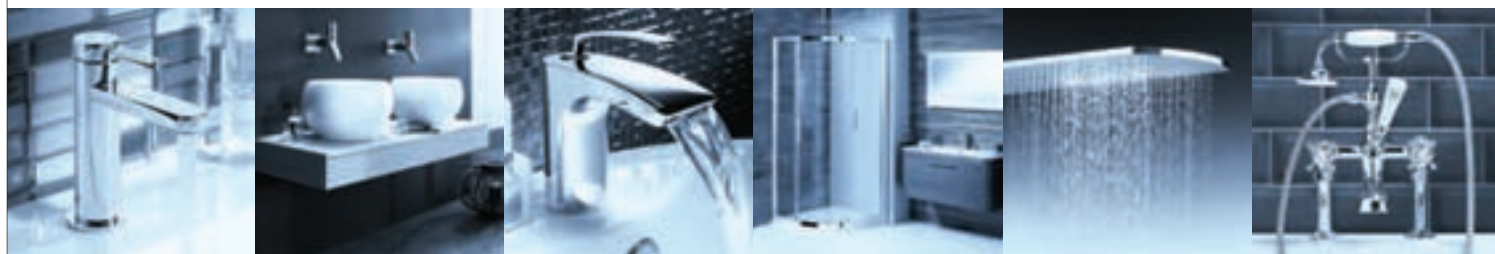
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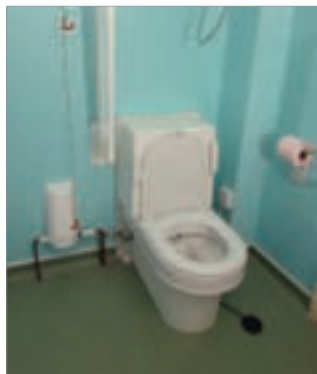
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CONTRACTS

Total Solution to help housing meet disabled needs



Housebuilders and housing providers are being given a simplified means to build and/or refurbish to the specific needs of over 10 million people. A new report into disability in the UK highlights that there is a shortage of housing specifically designed for disabled people; currently 6 million households contain at least one person with a disability, and of those, 1.5 million need specially adapted accommodation. Further, of the four features+ considered to make a home 'visitable', over a quarter (6 million) of existing homes did not have even one of those elements. **Total Hygiene**, one the UK's leading disabled toileting solution providers, has developed a package whereby it will provide design advice, supply, install, and commission appropriate bathrooms, wetrooms and toilets, to ensure the new-build or refurbishment meets disabled people's needs, relevant legislation and 'best practice' guidance. Enhancing the core product package, Total Hygiene has also devised a scheme for social housing providers, whereby certain equipment can be refurbished and moved to alternative locations when no longer needed at one home, optimising budget considerations. Total Hygiene has 50 years' expertise in developing, supplying and maintaining toileting aids; its Clos-o-Mat wash and dry toilet is the most successful unit of its type: today, some 40,000 Clos-o-Mats are installed in the UK.

enq.302

New Aspect™ accessible bathroom design service for architects and specifiers



Gainsborough Specialist Bathing, one of Europe's leading choices for the design, installation and after-sales support of assistive powered baths, has introduced the new Aspect™ accessible bathroom design service for all architects, building specifiers and developers. With over 25 years of specialist knowledge, Gainsborough delivers the optimum accessible bathing solution for all specifiers engaged with projects associated with long term care, acute care and local authority housing. Its new Aspect™ design service now provides enhanced visualisation and specification capabilities during accessible bathroom planning and survey stages. The Aspect™ design programme has been specifically developed so that Gainsborough can deliver highly accurate scaled drawings, photo-realistic 3D renderings and bespoke plans of each bath in-situ. These are combined with all quotation information and a breakdown of pricing in one concise document for quick and easy reference. This ensures projected end results can be visualised more effectively during the planning of all accessible bathroom installations. When actual fitting begins, installers are able to deliver greater efficiency and ultimately assisted bathing needs are met more precisely through Aspect™ from Gainsborough Specialist Bathing.

0800 542 9194 www.gainsboroughbaths.com

enq.303



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Prices shown exclude VAT and 10% trade discount. All prices are rounded to the nearest pound. Please note prices shown on the Victoria Plumb trade website are inclusive of VAT. VAT will be taken up front and is the trade account holders responsibility to claim back.

enq.304



Feature Bathroom lighting is becoming more desirable, but until now the choices of switching have been severely limited. (pull-cords, PIRs or external switching).

Sensorbility's Bathroom Switch controller, with dimmer and timer variants allows bathroom designers far more flexibility when it comes to lighting design and operation within bathrooms.

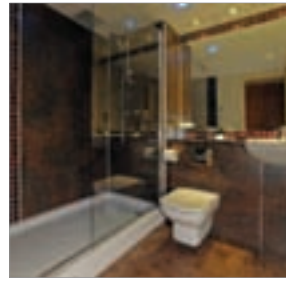
The Bathroom Switch controllers are activated from low voltage (5vdc) sensor pads that can be placed behind most materials such as ceramic tiles, wood, plastic, glass, and even metals. More details? Visit Sensorbility's website.

enq.318



Traditional tiling involves a lot of work and can leave a bathroom out of use for days. In addition, be it mould or lime-scale, unsightly discolourations can make a bathroom appear dirty and can be hard to shift. So it's no surprise then that a new wave of householders have cottoned on to the benefits of PVC cladding, from **National Plastics**, when it comes to sprucing up their homes. Simple to use and easy to install, this product not only looks great, but thanks to new lines being added, comes in a wide range of colours to suit all tastes. Being wipe clean and stain resistant, there's no need to worry about those pesky grouting stains.

enq.320



Love tiles, hate grouting? Then welcome to the world of multiPANEL, by **Grant Westfield Ltd...** Let's face it, most of us have better ways to spend our weekends than cleaning dirt and mould from tile grout! Now you can create the perfect fusion of practicality and style by lining your bathroom, wetroom or shower with multiPANEL waterproof wall panels. Manufactured from a 9mm plywood core bonded with a decorative laminate face, the hygienic, wipe clean surface provides nowhere for mould, dirt or germs to gather, leaving you more time to look after number one!

enq.319



Designed and made right here in the UK, The Colour Compendium collection from **British Ceramic Tile** is a complete range of coloured ceramic wall tiles in gloss, satin and textured finishes. Available in a versatile 148 x 148mm size, in over 60 colours, these high quality tiles have premium glazes and a durable white body, with a shade to suit every tiling project. There are 46 gloss and 20 satin colours to choose from, with each colour complemented by a scored option enabling a mosaic effect to be created – helping to keep installation costs to a minimum. For more information visit the **British Ceramic Tile** website.

enq.332

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Pineland is a privately owned, family company that has been established for over 20 years. We believe in listening to our clients, and our hand drawn plans, reflect our customers desires and opinions. The final design combines well planned functionality, with elegance and beauty, and our clients are often surprised how all this can be achieved at such a reasonable cost.

Visit our website: www.pineland.co.uk Email: enquiries@pineland.co.uk
Or call our offices: CLEOBURY MORTIMER, SHROPSHIRE: 01299 271143
NORTHWICH, CHESHIRE: 01606 41292

enq.306

Crosswater's iPhone-controlled systems



Controlling water delivery in the bath and shower has reached new technological heights with the launch of **Crosswater Digital**. Engineered and manufactured in Switzerland, this innovative range of water-control solutions is both supremely simple to use and to install. The Crosswater Digital range provides the ultimate bathing or showering experience thanks to a range of features and benefits including;

a free Crosswater Digital App (available for Apple devices, with an Android App due in early summer), with a clear indicator showing when the water has reached desired temperature, and a precise thermostatic control ensuring water temperature stays constant.

0845 873 8840 www.crosswaterdigital.co.uk

enq.307

Redring introduces Powerstream Eco



Redring has strengthened its instantaneous water heating range with the addition of the Powerstream Eco. Suitable for domestic and light commercial settings, the new Powerstream Eco is an instantaneous water heater that delivers hot water on demand at

point of use – eliminating the need for stored hot water. The Powerstream Eco embraces the compact design of existing Powerstream products, but users can now benefit from external power selection and an Eco function. When operating the Powerstream on the Eco setting, the kW power used to run the unit is reduced, which in turn reduces electrical wastage and running costs.

0844 372 7750 www.redring.co.uk

enq.309



SOLOLIFT2 – a rewarding experience

The SOLOLIFT2 range of macerators from Grundfos really is a cut above the rest. Not only does the family comprise of just five models but, through the flexibility of their design, their adaptability and performance, they provide the solution to handling wastewater for any combination of WC, bidet, sink, bath, shower and washing machine. So whether the application demands an extra bathroom, a basement installation, or is for extra facilities in hotels and guest houses; or perhaps where facilities are needed for the elderly or the disabled, or is part of a commercial building renovation – Grundfos has the answer. Additionally, the modular design of the new Grundfos SOLOLIFT2 means that servicing can normally be achieved in situ without the need to drain down the system. Importantly these new SOLOLIFT2 models are not only suitable for new installations but also for replacing any existing macerator unit. As a thank you Grundfos is offering an added bonus, simply purchase any SOLOLIFT2 model before 30 June 2013 and you will qualify for £20 Love2Shop vouchers. Find out more by visiting the website:

01525 850000 www.grundfos.co.uk/sololift2

enq.311

Vectaire's Elix 1003 is now SAP Q Eligible



The Elix 1003, from Vectaire is a quiet-running, three speed, centrifugal fan designed for installation in walls or ceilings in all domestic wet rooms. It has an energy saving EC motor which runs continuously at a pre-selectable choice of two lower speeds (depending on whether it is installed in a bathroom or

kitchen), and allows the user to boost fan capacity when required. The Elix complements the Elegance 1003, an axial fan with all the features of the Elix plus the option of window installation. Both fans are available with timer and humidity control and add to the increasing range of energy efficient, environmentally friendly and economical products with EC motors developed by Vectaire.

enq.308

Dallmer drainage products at KBB

kbb LDN stand J2



Dallmer Ltd now celebrating its centenary and still owned and run by the Dallmer family, will be showcasing several new products at the KBB exhibition at Excel during 19-21 May 2013.

As acknowledged leaders in wet-room drainage, Dallmer will be exhibiting the latest variations

on CeraLine channels. Now available with 'Flex' and 'Pronto' connectors, these make quick, reliable installation even easier in solid, beam and block or timber floors. The Tisto brand is also extended, an even larger range used for complete security when waterproofing a level access shower. TistoStone allows the floor finish to be incorporated in the surface over the drain, but without the restriction of flow.

01787 248244 www.dallmer.com

enq.310

JIS Europe at KBB 19-21 May 2013

kbb LDN stand D5



JIS Europe will be displaying its extensive Sussex range of stainless steel heated towel rails at the KBB Exhibition on stand number D5.

All towel rails are manufactured to exacting standards in 100 per cent stainless steel in an extended range of sizes and are available in brushed satin or polished finish making these radiators durable and hygienic and they come

with a 25 year guarantee. JIS Europe, suppliers of modern styled radiators and towel rails, point out that stainless steel does not corrode, chip, flake or bubble. It is durable, easy to clean and totally hygienic and it retains a high quality appearance throughout a long life.

01444 831200 www.sussexrange.co.uk

enq.312

Mosaics get the blues in Best Collection

kbb LDN stand I13



The peacock, a favourite artistic motif that dates back to ancient Greek and Roman mosaics, which was popularised again by the Art Nouveau and Art Deco movements, is the inspiration behind artist Veronica Tommasin's latest designs for Trend's inimitable glass mosaic Best Collection. Composed of thousands of

micro mosaic tesserae, in the classic tradition, Tommasin's designs are translated by Italian tilemaker Trend into decorative mosaic modules, using digital technology. To achieve the exact shades envisaged by the artist, two new, rich, dusty Wedgwood blue, fused glass tiles, Brillante 276 and Brillante 277, have been produced.

01892 509690 www.trend-group.com

enq.313



19-21 May 2013
ExCeL London
www.kbb.co.uk

What's new at kbb LDN?

The May Design Series is the first event of its kind and is a new, intelligent, commercially focused event for architects and designers, and the high-end retail community.

kbb LDN is the trade exhibition dedicated to kitchens, bedrooms & bathrooms set in the world's design capital, London. In one dedicated space visitors will be able to see the very best international and British manufacturers for the kitchen, bedroom and bathroom sector. Bursting with inspiration, visitors can see the latest product launches from around the world while having the opportunity to meet with key suppliers. Forecasting future trends, the Innovation Centre will be the place to see the most pioneering developments the sector has to offer. Leading industry experts will also be on hand to discuss the pressing issues facing the industry within the dedicated seminar space.

Pushing the exhibitions to the next level, Andy Vaughan, the brand director at UBM has enlisted renowned designer and creative genius Ab Rogers to design the May Design Series and unite the



four shows under a single creative vision. Transforming the trade show experience, Ab is seeking to give visitors a sense of joy, surprise and excitement as they explore the city-scape environments he has created.

For further information about the May Design Series, please www.maydesignseries.com

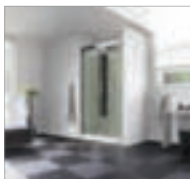
For specific information about kbb LDN, please visit www.kbb.co.uk

This year, UBM is also working closely with SBID founder and distinguished industry expert, Vanessa Brady. Understanding the needs of exhibitors and visitors, Vanessa is helping to shape the show so that it can provide a world-leading platform for different industries to connect and form new relationships. In recognition of the quality and visitor experience offered by the May Design Series, it is the only London based trade event to be backed by the SBID organisation.

Exhibitors confirmed to date include Poggenpohl (kitchen shown above), Perrin and Rowe, Fisher and Paykel, Bk Nolte, Hoover Candy, Leicht Kitchens (kitchen shown bottom left), Arredo3 and Blum.



Complete showering solutions



Saniflo offers a range of effective and stylish showering solutions for housebuilders. The elegant Horizon range of cubicles from the prestigious Kinedo brand features high quality 8mm toughened safety glass, built-in shower controls and integrated shelves delivering a complete showering solution that is simple

and quick to install, maintain and clean. Available as a corner, quadrant and recessed cubicle, Horizon is suitable for any shape and size of bathroom and en suite. Contemporary and luxurious in design, achieving the on trend, luxurious hotel-look bathroom that is guaranteed to be leak free and does not even require silicone has never been easier.

020 8842 0033 www.saniflo.co.uk

enq.314

Vent-Axia's Centra™ Quiet revolution



Vent-Axia's Lo-Carbon Centra™ has been awarded the Quiet Mark by the Noise Abatement Society (NAS) and also features in the Ideal Home Show's Quiet Mark 'Quiet House' (15 March – 1 April 2013 at London's Earls Court). An exceptionally quiet fan with sound levels as low as 10dB(A) the discreet Centra has tasteful styling and the versatility to be used in kitchens, toilets, bathrooms and utility rooms. A mark of approval awarded by the

NAS, the Quiet Mark is given World-Wide to manufacturers of the quietest products on the market and is validated by the UK's Association of Noise Consultants.

0844 856 0590 www.vent-axia.com

enq.316

Aqata – Bespoke Collection



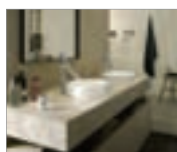
Bespoke, made to measure solutions have been available from **Aqata** for over 26 years, in response to the ever growing demand for customised bathroom designs. A dedicated technical team is available to offer all the expertise and knowledge required to maximise a potential space and create a beautiful showering area. Quality shower screens

and shower enclosures are hand built in the UK by craftsmen with years of experience in the bathroom industry and can be created for special heights, widths or angles.

01455 896500 www.aqata.co.uk

enq.315

Hansgrohe: Axor Starck Organic



The new Axor Starck Organic bathroom collection combines unique design with a responsible way to handle water. Developed by Axor, the designer brand of **Hansgrohe**, and Philippe Starck, the organic-minimalist design and harmonious lines, reminiscent of shapes we

see in nature, characterise Axor Starck Organic and give the collection an exciting, powerful and sculptural immediacy. Two handles, which separately control water volume and temperature, blend in visually with the body of the mixers. No matter what position the handles are in – they reflect a perfect image and use just 3.5 litres of water using a new spray type, which consists of 90 individual outlets.

01372 465655 www.hansgrohe.co.uk

enq.317

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multiPANEL
the collection

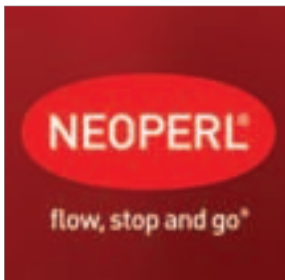
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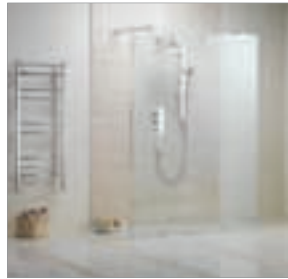
keep up to date with the 'multiPANEL collection' on facebook

enq.319



With many areas of the UK facing water shortage issues, it is up to home and business owners alike to change their attitude towards water consumption and to start implementing water efficient measures. We live in a world where global warming, carbon footprint, climate change and the greenhouse effect are all well known phrases in our day to day lives, but water saving is still not generating enough attention. Neoperl UK Ltd's products provide a valuable contribution to climate and environmental protection by conserving water and helping to reduce the associated energy consumption in the production of hot water.

enq.305



With the popularity of the wet room continuing to increase, **Victoria Plumb**, a leading online bathroom company, have announced the launch of a brand new minimalist glass panel range that allows the most stunning wet room designs to be created.

This luxury new range is available in numerous sizes, from 1,000mm to 1,600mm and all of the sizes are produced in 10mm thick glass to offer strength and durability within the bathroom. The glass panels have a frameless edge and chrome profiles that are an essential design feature when trying to achieve an overall sleek look.

enq.304

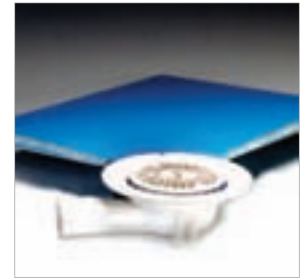


Make the most of your space with **Lecico's Malaga range**.

This modern bathroom suite is available in a wide range of options for complete flexibility, including a space-saving pan (with the choice of either a water-saving dual flush or a standard version) and a semi-recessed basin, which will fit in 200mm deep units.

For more information call Lecico or visit their website.

enq.330



www.wetroominnovations.com, **Wetroom Innovations'** new website, provides in-depth information on the wetroom world. This amazing one-stop portal offers a huge insight into the biggest range of wetroom products under one roof. The Maxxus wet-deck and Minimax drain are now available, resolving the issues of high quality and value. Maxxus facilitates level-access showering, relieving floor space and optimising mobility with freedom of movement. Easily the strongest of its kind, Maxxus sustains a 470kg load over joists. Only 22mm thick, installation time is reduced to one hour as no under-boarding or drain boxing is required.

enq.321

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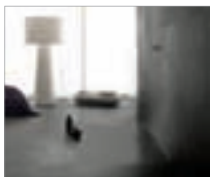
TANKING KIT = **WET ROOM**

The Maxxus Kit is a third generation deck that takes the wetroom dream to a new level, answering all the deficiencies of existing products. It is the strongest deck on the market, sustaining a 470kg load over joists without any under-boarding, or alternatively set into concrete.

www.wetroominnovations.com 01629 815500

enq.321

Kaldewei – Xetis



Xetis with integrated wall outlet, represents a new benchmark for modern bathroom architecture. Xetis espouses a clear, purist style with an outlet that sits discreetly in the wall so as not to disrupt the seamless surface. In addition to sleek Alpine white, the colour spectrum also includes the exclusive

colours of the Coordinated Colours Collection to combine harmoniously with wood or stone and create perfect visual continuity.

Kaldewei's latest innovation provides bathroom designers with new aesthetic scope for design in floor-level shower areas and underlines Kaldewei's role as a pioneer and style icon in bathroom culture.

0800 840 9770 www.kaldewei.co.uk

enq.322

British bathroom furniture from Mereway



Mereway Bathrooms offer a collection of iconic modular pieces and highly practical 'fitted runs' of cabinets that offer designers scope to create a functional bathroom with real style flare and individuality. The collection comprises 34 beautiful door finishes and an extensive number of handle options, luxury components, design features and stor-

age solutions that cater for both the traditional and contemporary markets. Available through an extensive network of independent retailers nationwide, if you're looking for British made furniture Mereway Bathrooms is for you.

0800 028 4466 www.merewaybathrooms.co.uk

enq.324

Get the kitchen dreams are made of



Formica Group is delighted to announce the launch of its stylish new Axiom® worktop range, inspired by the latest European residential trends. As the kitchen develops into a much more social space, the high-tech professional kitchen of

yesterday is replaced with a cosier, vintage, new country or simple modern look, which can be achieved with a choice of worktops from the new range. Classic looks can be created with traditional stone or woodgrain designs. For a more contemporary twist worktops can be complemented with a splash of bright colour using bold accessories.

0191 259 3512 www.formica.com

enq.326

Cube in Dominica American Walnut



Cube in Dominica American Walnut from Ellis Furniture allows you to mix the warmth and character of real timber with the latest interior design trend for modular furniture. Features a veneer centre panel and a solid timber frame with a hard wearing laminate top. Available in a variety of unit sizes and combinations. The new stunning new

LED Sensor Mirror adds a touch of glamour to any bathroom and features energy saving LED lights all around the mirror, which light up as required without touching, helping to keep this beautiful mirror free of unsightly water marks. This striking mirror also features a de-mister so you don't have to worry about steam.

01484 514 212 www.ellisbathrooms.co.uk

enq.328

Evo-Stik high performance sealants



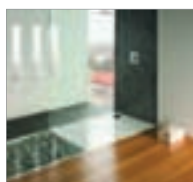
High performance sanitary sealants from adhesive and sealant manufacturer Evo-Stik are ideal for installation and maintenance jobs in the kitchen or bathroom. The range includes Evo-Stik Quick Set, which is ready for use after just one hour. Because the sealant cures at an accelerated rate, bathrooms and shower rooms are back in use as quickly as possible.

This means customers experience the minimal disruption to their routine. Also in the range are Evo-Stik

Anti-Bacterial and Evo-Stik Stay White / Stay Clear. Evo-Stik Anti-Bacterial Sanitary Sealant not only stops mould and fungi growth, it also kills germs on contact – including MRSA, e-coli and salmonella – making it ideal for jobs in restaurants and schools.

enq.323

Shower trays – more shapes and sizes



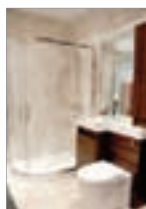
MX offers the widest range of quality shower trays available in the UK. Having invested in the latest machinery and materials MX is recognised as a leading manufacturer of shower trays in the UK. Manufacturing 100s of different tray sizes, in six main product types, means that MX can cater for the

specific needs of any customer. The company launched its impressive range of DuraStone shower trays in 2012. At 60 per cent lighter than a traditional stone resin tray, DuraStone complies with the HSE regulations for a one-man lift. Manufactured to BS EN14527:2006 these trays are made using WRAS approved Phthalate free materials.

01684 293311 www.mx-group.com

enq.325

Geopanel goes from strength to strength



Freefoam is pleased to report that the Geopanel interior decorative panelling range is going from strength to strength, seeing significant growth in sales during the last 12 months. The Geopanel range consists of the extra strong 10mm thick one metre wide panels and the standard 5mm, 250mm wide range both with a waterproof tongue-and-groove joint to ensure quick and easy installation

without the need for grouting. Carl Rutter commented "We've seen a real interest in this adaptable, convenient, easy to fit product. Installers are placing repeat orders because it's so quick and easy to fit. Time is money on any home improvement project and Geopanel saves both."

01604 591110 www.freefoam.com

enq.327

Beko gets FA Cup



As part of the Beko FA Cup Schools Trophy Tour (February and March 2013), The FA Cup made a detour to Beko Plc's HQ in Watford, creating great excitement amongst the company. An official supporter of The FA Cup, the leading appliance manufacturer has

been touring UK schools to bring the prestigious competition to a new audience of young football fans and local communities. Beko is a leading appliance brand in the UK and has an extensive portfolio of built-in kitchen appliances for the housebuilding sector.

01923 810801 www.facebook.com/bekomumsunited

enq.329

Linear kitchen in Diamond White



Better by design

For over 40 years **Symphony** has worked with some of the UK's leading housebuilders as experts in fitted furniture solutions that bring the living space to life. The company is privately owned, and a British business success story with its roots in exquisite kitchen, bedroom and bathroom furniture design. A leader in its field, Symphony is able to bring first class service, product quality and reliability to every project. With an unrivalled team of designers, purpose-built UK manufacturing facilities and a national distribution network, there is the scale to ensure that every piece of furniture it delivers is simply better by design.

The Symphony Solutions team provides total support from first contact with the largest in-house design team in the sector, through to final completion with local dedicated project management.

The FIRA Gold Certification is the ultimate mark of product excellence within the furniture industry and all Symphony's kitchen and bathroom furniture achieves this standard. Through delivering the most up-to-date designs, with new innovative materials, textures and colours, Symphony continues to bring the best in British design and quality to all its bedroom and bathroom furniture.

The Linear kitchen brand is leading the way in helping developers to deliver the latest in design combined with the highest quality. Linear is an uber sleek, British-made, handleless kitchen, which reflects the European design trends and aesthetics home buyers crave but within a developers budget. This range is on trend with the simple minimalist look that architects and interior designers strive for in prestigious, contemporary, residential projects. Linear gives a clutter-free look that seamlessly adapts into the home, bringing the living space to the fore. It

provides developers with choice, flexibility and the ability to configure their kitchens in a multitude of ways. Housebuilders have an extensive palette of over 30 on trend gloss and matt finishes to help inspire a unique signature style. Finishes include textured white, grey gloss, gloss wood-grain and matt latte, stone and aubergine, to name but a few options.

Every Linear kitchen is made to a premium specification in line with the leading European brands. The high quality cabinet includes finishing touches like 8mm solid cabinet backs, thick cabinet edging and soft-close doors and drawers. All Linear kitchens are created to the Eko Design principles such as utilising FSC® certified wood to enable it to contribute up to 17 credits to the Code for Sustainable Homes. Committed to

modular and luxury freestanding furniture in a striking combination, making it the most extensive bathroom furniture portfolio in the private development sector to date. What's more, Aquadi by Symphony has just become the first bathroom furniture supplier to be awarded the FIRA Gold Product Certification.

Aquadi caters for the move to modular furniture with simplicity of design and installation being a huge plus point for housebuilders. Aquadi also encompasses the trend towards handleless bathroom design, with the introduction of San Marco, which includes a white, high-gloss finish and integrated handle.

For more information on what Symphony can do for you visit the newly re-launched website or call us today.

enq.331

Housebuilders have an extensive palette of over 30 on trend gloss and matt finishes to help inspire a unique signature style

raising standards and protecting homeowners, a guide is supplied with each kitchen, which provides aftercare information plus care and maintenance advice.

The Aquadi bathroom provides the most complete collection of stylish bathroom furniture on the market to housebuilders. It brings together 25 different bathroom ranges including fitted,



San Marco bathroom in a white, high-gloss finish

SYMPHONY

01226 446 000
www.symphony-group.co.uk

THE Colour

COMPENDIUM

by
british
ceramic
tile

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Halo is proud to hit a new low!



Halo's new window system is unlike anything else currently available on the UK PVC-U market. The pioneering window system supplier has unveiled the TwinSash, which can achieve a U-value of 0.38 W/m²K and reduce noise levels by around 50dB. This level of performance is reached by using

triple-glazed, krypton-filled units and foam-filled sections. Amazingly, it can even achieve extremely low U-values using what is considered to be the industry's most cost-effective combination of components; using two 28mm double glazed IGUs (air filled, float glass and aluminium spacer bar) the TwinSash can still achieve an impressive U-value of just 1.2.

01282 716611 www.halo-uk.com

enq.156

Todd Doors' new Prezzo range



One of the leading, independent, timber door distributors, **Todd Doors Ltd**, has unveiled their new Prezzo range of contemporary interior doors. Available from just £84 for a 35mm standard oak door, the Prezzo doors are still manufactured to the trademark Todd Doors high specification. These stylish doors are also available in walnut, glazed and unglazed, and come fully pre-finished. A broad range of sizes includes fire doors and they are available to order from stock for immediate delivery.

Todd Doors has recently launched a new 256 page brochure for 2013/14 showcasing their full range of contemporary and classic doors and ironmongery.

020 8839 3577 www.todd-doors.co.uk

enq.157

Revolutionary reversible window system



A marketing leading manufacturer of PVC windows and thermal composite doors, **The Litchfield Group**, has launched a high performance reversible window profile series, with a 0.8 W/m²K U-Value. The Sheerframe 8000 Reversible offers thermal performance and energy efficiency. The windows are compatible with all levels of the Code for

Sustainable Homes up to an including Level 6 and provide an easy solution for meeting Part B of Building Regulations for escaping and evacuating, thanks to its efficient reversible operating system. The Sheerframe 8000 Reversible is designed with an innovative interchangeable bead system of 28mm, 36mm and 44mm to accommodate either double or triple glazing.

enq.158

VBH adds greenteQ aluminium adhesive



VBH now holds stock of greenteQ 2C-alu adhesive for the bonding of corners of anodised or powder coated aluminium profiles, including windows, doors, cladding and façades. Aluminium sections can be powder coated after bonding. 2C-alu adhesive can also be used to bond other materials such as PVCu, fibre reinforced plasterboard and high pressure laminate (HPL).

GreenteQ 2C-alu adhesive is a two-component product supplied in a 550 or 900g dual cartridge, which mixes to the correct ratio in the static mixing tube that also acts as an application nozzle. The product is thixotropic, does not drip and is solvent free.

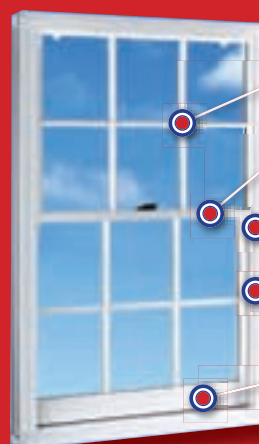
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enq.160



Deceuninck's high rise credentials

Deceuninck fabricator, Dempsey Dyer, has just completed a large refurbishment contract with Pennine Housing 2000. The contract involved replacing 867 windows in three high rise tower blocks in Mixenden, West Yorkshire. The windows in each of the blocks needed to be replaced as part of a larger renovation and refurbishment project. The size of the project meant a great deal of pre-planning was required. The location of the flats in an extremely exposed valley meant that Dempsey Dyer needed detailed wind pressure calculations and strength tests to demonstrate the windows would be fit for purpose and have longevity. And it seems that the client, Pennine Housing 2000, is delighted with the choice: the housing association has been so impressed with the Decoroc finish that it has specified the product for future window renovations.

01249 816969 www.deceuninck.co.uk

enq.161

Garador launches stylish gadget



Garador is proud to announce the launch of its stylish new handheld transmitter device, which is being hailed as the latest 'must-have' gadget for the home. Offering an advanced remote status query function to make users' lives easier, this stylish new remote operator is expected to make a real impact in the market.

Simon Hipgrave, managing director of

Garador comments: "This new state-of-the art handheld operator is leaps and bounds ahead of other remotes; both in terms of style and technology. The sleek finish of the product makes it the latest must-have gadget."

01935 443722 www.garador.co.uk

enq.162

New videophones with 2.4" LCD screen



The new compact 6000 Series Videophone from Videx Security is designed for use in conjunction with the established VX2200 digital door entry system and has been created to bridge the price gap between audio and video installations. It is suitable

for one to one installations through to high rise installations, making this a good all round choice for video door entry installations. The videophone, finished in brilliant white, includes a 2.4 inch, high definition colour, LCD TFT video screen as well as a number of user friendly function buttons. These include two service push buttons, a door open push button, a camera recall push button, a call tone volume switch with mute position and brightness control.

enq.163

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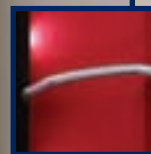
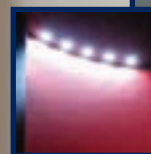
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- ✓ Wireless hand held remote control

The Lifestyle Lift will future proof your home for you and for your family.



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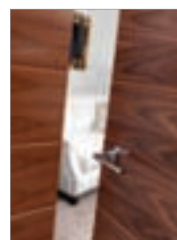
Solid core doors with keyless operation



Rocal, the Lincolnshire based manufacturer of solid core composite doors, celebrates its 21st birthday by adding the Yale Keyfree electronic door lock to its Endurance range. Rocal manufactures the complete door set including the unique door leaf and frame. When looking for the best electronic locking solution to allow users to access their doors without the use of a key, Rocal turned to VBH (GB) for advice. The hardware specialist recommended Keyfree, which can be operated either remotely via a key fob transmitter or by entering a 4-12 digit PIN code on the handle unit.

enq.168

JB Kind increases range of certified doors



'Environmentally conscious' is how James Cadman, JB Kind's managing director, describes the UK's attitude towards the purchase of new doors. With current figures pointing to an expected fourfold increase in the annual sales of FSC certified doors during 2013, JB Kind has increased the number of FSC certified doors by 86 per cent to 79 door designs across 11 ranges. The best news is that

JB Kind hasn't made these products cost prohibitive. If you take a look at the price of any of the FSC certified door designs, you'll see JB Kind's trademark balance of product quality and value for money.

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A woman in a white dress is walking through a modern interior space. She is moving from left to right, passing through a large glass door that is partially open. The door has a small circular handle. To the right of the door is a large window with a perforated metal screen. The screen has a pattern of small, circular holes. The room is bright and minimalist, with white walls and a light-colored floor. The overall aesthetic is clean and contemporary.

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Keep it safe with Securistyle



Walsall Manor Hospital was recently fined £80,000 after a patient suffered a fatal fall from a first floor window. A full investigation found the trust at fault for not having fitted restrictors to the window. Recently was the tragic case of four year old Caleb Wallace who fell from the third storey window in early March. Securistyle's Defender Cavity Fit Restrictor, is ideal for domestic installations where there is a danger of falls. It is made from austenitic 304* stainless steel for enhanced corrosion resistance and tested to BS 6375-2:2009 – load bearing capacity of safety devices. It is compatible with all Securistyle domestic hinges and is available with a 10-year guarantee.

01242 221 200 www.securistyle.co.uk

enq.173

New website to open doors for Vicaima



Door manufacturer Vicaima has this month launched a new website. Designed with the needs of its customers in mind, the new website contains comprehensive details of Vicaima's full range of internal and entrance door systems, door kits, sets, wardrobes and complementary furniture. Intuitive menus take the user through detailed information

on every aspect of Vicaima's products and make the site very easy to navigate. The new website not only contains details of Vicaima's products but also includes full technical information, downloadable brochures and a portfolio of projects on which the company's doors have been used.

enq.175

VEKA conservatory stands up to Sandy



When Hurricane Sandy almost completely destroyed a New Jersey homeowners' conservatory, it was Network VEKA and New York-based Hampton Conservatories, LLC to the rescue! Homeowner Susan Jannucci used a local company, which is

now out of business, to create her conservatory in 2004, that was built using VEKA plc profile. As she explains, when Hurricane Sandy hit, they were in despair when a 100 foot oak tree landed on the roof: "The conservatory roof was severely damaged, but unbelievably, the walls and windows held up – something that the disaster site surveyor couldn't believe."

01282 473170 www.networkveka.co.uk

enq.174

Scheme Green



McArthur Groups range of 'Scheme Green' products, created to comply with the Code for Sustainable Homes. Credits are awarded under 34 categories for performance targets, which contribute positively to environmental issues. Scheme Green enables 'easy additional points' as a sure way of getting builders those all

important credits, with little effort. McArthur offer a full range of scheme green products including; bicycle racks/storage, garden sheds, recycling solutions, internal and external airing, drying lines and racks. Scheme Green products, which also carry the all important credits, are bird and mammal nesting boxes.

0117 943 0500 www.mcarthur-group.com

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Schöck is the natural choice for green balconies

Finsbury Park Place is a high quality, sustainable mixed tenure development, on the Seven Sisters Road in North London. It comprises four penthouses and a selection of one-, two- and three-bedroom apartments. There are 109 units in total, of which 67 are designated for social rent. In terms of sustainability, among its many features, the scheme includes PV panels located on the roof to provide power for the communal lighting; the use of triple glazing for thermal enhancement and improved acoustic values. There is also a high level of thermal insulation to



the buildings and CO₂ emissions are anticipated to be 44 per cent better than current building regulations requirements.

The frontage has an uninterrupted view across the open areas, formal gardens and avenues of mature trees that make up the 110 acres of Finsbury Park. It is one of London's great Victorian parks, and the exterior design of the scheme is undoubtedly influenced by its location. All apartments have either walk-out balconies or terraces, and the parkland aspect is reflected in the high quality tonal contrast face brickwork, which is complemented by glazed, inset, green-tinted balconies.

These large cantilever balconies are supported on one side only using the type K Isokorb from Schöck, which provides a thermal break between external reinforced concrete components and the building. The Isokorb also transfers bending moment stress and shear forces, while the integrated hanging and perimeter tensile reinforcement, which is fitted as standard, also saves the unnecessary and costly use of extra stirrups or hooped mat.

The Isokorb range allows connections to be made between concrete-to-concrete, concrete-to-



steel and steel-to-steel; with one of the modular connection types even allowing the retrofitting of balconies in certain situations. This range comfortably exceeds the requirements of the UK regulation (BRE IP1/06), which stipulates that the temperature factor used to indicate condensation risk (fRSI) must be greater than, or equal to, 0.75 for residential buildings.

enq.179

CONTACT

01865 290 890
www.schoeck.co.uk

Vortice brings new products to Ecobuild



When Vortice Ltd exhibited at Ecobuild, visitors saw the launch of some fantastic new products. The HR200 Evo, for domestic ventilation, is an evolution of the highly specified HR200 compact heat recovery unit. New filter access makes it even easier

to access and service. Vortice also launched the Invisible, a brand new heat recovery system designed to sit 'invisibly' above ceilings, so perfect for applications where living space is at a premium. Invisible offers heat recovery in the 80 per cent range for kitchen plus up to four wet rooms and the HR200 Evo offers 92 per cent heat recovery on kitchen plus up to four wet rooms, each is SAP Appendix Q eligible.

01283 492949 www.vortice.ltd.uk

enq.180

A healthy interest in heat pumps



An impressive number of enquiries from both residential and commercial developers and specifiers at this year's Ecobuild exhibition, is an encouraging sign for the building services industry, according to Mitsubishi Electric. The manufacturer showcased its full range of heating and air conditioning heat

pumps at the event, and was delighted with the interest received. "We were impressed with the quality of enquiries we received this year, especially the level of interest in both commercial heat pumps and air conditioning," said marketing communications manager for the company's air conditioning division, Sharon Oliver.

enq.181

Avonside Group Services at Ecobuild 2013



Avonside Group Services' Ecobuild stand featured the award-winning RoofSpace I-Roof™ system, which offers significant environmental performance, time, cost and labour-saving benefits. Visitors to the stand could walk into the roof space and admire

exciting environmental innovations from strategic partners, installed by Avonside Group Services' operatives on the RoofSpace I-Roof™ system, which has Robust Details approval. Innovations included the Russell Envirotile and Russell Envirolay installed by Avonside Roofing, Lightway Light Pipes installed by Avonside Daylight and c21e solar PV tiles from Solarcentury installed and commissioned by Avonside Renewables.

0800 731 5982 www.avonsidegroupservices.co.uk

enq.182

NEWSLETTER

Housebuilder & Developer

Emailed on a fortnightly basis the Housebuilder & Developer newsletter is designed to provide housebuilders and developers with the latest information on products and services of interest, direct to their inbox. The reader can quickly gather a snapshot of information from 12 carefully selected companies and easily follow links through to further information on the www.hbdonline.eu, or go direct to the company's own website. Brochures and videos are also regularly available.



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enq.188

ESG Polyvision™ rebrands as Switchable™



Leading glass processor, Essex Safety Glass (ESG) has switched the branding of its ESG Polyvision™ glass range. Now aptly known as ESG Switchable™, the brand instantly reflects the versatility of the high quality LCD privacy glass. ESG Switchable™, which made its debut at EcoBuild this year, has been positively received by those looking to create instant privacy and make clever use of space. Available in a variety of bespoke sizes and shapes, the highly popular privacy glass, known in full as ESG Switchable™ LCD Privacy Glass featuring ESG Polyvision™, has seen its sales increase by 250 per cent over the past year.

01376 520061 www.esguk.co.uk

enq.189

Manchester United canteen extension



The first-floor canteen at Manchester United's prestigious Carrington Road training ground HQ has been modernised and significantly extended thanks to a large 'Clearline' aluminium sliding/folding door installation designed and installed by

Kent-based, glazing construction specialists **Frameless Glass Curtains Ltd.** The 'Clearline' installation consists of two sets of sliding/folding insulated glazed curtains forming a newly enclosed extension to the Premier League Club's canteen. The second set of doors opens from this area – which has been equipped with offices down each side – onto a balcony overlooking the training ground.

01732 848088 www.framelessglazing.co.uk

enq.190



P C Henderson's Securefold Ultra

Securefold Ultra, from leading sliding and folding door hardware manufacturer **P C Henderson**, has been tested to PAS24, Secured by Design and BS EN 1627 standards for maximum security assurance. Securefold Ultra is a new security concept for residential exterior folding doors, which provides a durable solution as well as helping to open up the home creating an indoor – outdoor experience. With all the benefits of Henderson's existing Securefold product the Ultra system features an additional layer of cleverly designed, enhanced security components making it one of the most secure systems on the market. Securefold Ultra has three points of locking on every door seam; including an attack resistant hinge incorporating a security pin and unique central interlocking hinge leaf that prevents a burglar from tampering with or removing the hardware from the door.

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SCHÜCO

Specifying external sliding doors

Jim Rowley, technical director of VELFAC LTD advises housebuilders on what to consider when specifying external sliding doors

Latest developments in window technology have radically improved the design, performance, and security of fully-glazed external sliding patio and balcony doors, making them highly desirable for projects of any size. However, as sliding doors become increasingly sophisticated, specification and choice also becomes more complex.

Project suitability

When creating large openings, the structure above the door must not transfer any weight or load onto the door when installed. Most wall types provide adequate fixing grounds, but given the area of glazing involved, ask the supplier to advise on the type and number of fixings required relative to the door being installed. Of prime importance is a solid base for the door to sit on, as this is where most of the weight will be transferred. Unstable grounds can lead to issues with door alignment and operation, requiring repeated attention and adjustment post-installation.

Different door systems feature different threshold or bottom track options. A flush track allows a step-free passage through the door but requires a pocket sunk into the structure for the track to sit within, and provision for water drainage on and below the external floor level. In exposed locations, flush track options can also be vulnerable to driven rain and high winds. Alternatively, lower sliding gear can be carried in a profile or cill member, which sits on top of the structure, providing a more robust weather solution and easier installation.

What design?

Three main sliding door designs dominate the market: Sliding – a glass pane slides back across a fixed pane and as no additional room is required to open the door, this design is suitable where space is tight; bi-parting – two glass panes slide apart across glazed side panels to create a large opening without any central obstruction. Bi-parting doors require space on either side of the opening panes, but are ideal for both balconies and patios; and folding – comprising a series of small panes, these doors concertina while sliding back to create a large opening. Space is required to allow the panes to flex and fold back, and as they are often used in very wide openings, care is needed to ensure the supporting structure above the door does not cause deflection.

What frame?

Sliding doors are available in a variety of frame constructions – solid timber, aluminium, and various composite frames including internal

timber and external aluminium. If maximum light – and maximum access – are important then slimmer frames are better.

Technical considerations

Sliding door specification needs to satisfy a number of technical demands:

- **Insulation:** Although glass infill performance is generally common across different door types, most heat is lost from the frame as different framing materials and profile designs have different thermal conductivity values; slimmer profiles constructed from low conductivity materials are now available to meet increasingly demanding Building Regulations.
- **Solar heat:** Sliding doors can generate significant solar gain, with the amount of solar heat passing through glazing given as a 'g-value' and expressed as a percentage (with 0 per cent being



no passage of heat and 100 per cent being the transmission of all incident solar heat). The slimmer the frame profile the higher the g-value.

- **Security:** As well as espagnolette locking mechanisms, and locking handles, security features include internal glazing beads and anti-lift devices.
- **Safety:** Childproof locks may be required if the

Continued on page 55...

**Of prime importance is a solid base
for the door to sit on, as this is where
most of the weight will be transferred**





New ultra-slim line, 'A' rated profile designs

We are pleased to announce the launch of three new ultra-slim line profiles that extend the Beaufort Residential Casement Window range. These new profiles are based upon the highly popular and market leading Steel Replacement window, with the slimmest sightlines available at only 45mm per sash.

The new extended range of ultra-slim profiles includes flat appearance, stepped edge, feature look and, of course, the popular putty line steel replacement variants. They offer the most extensive choice yet when looking for that stylish and contemporary, maximum glazing appearance.

Features and benefits

- Four ultra-slim profile designs
- All A-rated under the BFRC WER's scheme and BRE Green guide
- Options include contemporary flat appearance, stepped edge, putty line look and feature look
- The industry's slimmest sightlines at only 45mm per sash
- Proven track record based upon the market leading product for last 4 years
- Kitemarked under BS4873 for performance
- All variants are 'Secured By Design' licensed and tested to PAS 24:2012



Reader
Enquiry
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door opens onto a balcony or steps. Glass thickness must be suitable for the desired door size, and must break in a safe manner in order to meet Building Regulations.

- **Minimising deflection:** Load and other calculations must ensure minimal glass deflection, as excessive movement under environmental loadings can be psychologically disconcerting for occupants.
- **Ventilation:** While Building Regulations require increasing levels of air tightness, adequate and appropriate ventilation remains important. Solutions include trickle vents fitted into the door framing or concealed vents designed to maintain door and frame aesthetics. Ventilators housed in additional profiles add more framing, reduce daylight levels and increase thermal losses.
- **Weather protection:** Sunken tracks and low threshold options are less weather resistant than rebated sections. Doors featuring 'step and slide' designs (when the door moves inward or outward before sliding across) offer greater protection as the door usually 'clamps' onto gaskets and weatherseals, rather than using simple brush seals.

Do your research

Sliding doors can represent a significant investment, so see frames in action to ensure the system



specified features a well-made, solid construction with a smooth and efficient sliding mechanism, can be adapted to specific performance requirements, that tracking is easy to keep clean, sliding

mechanisms are protected from the weather, and that frame and finish do not require a comprehensive maintenance routine to ensure long lasting performance.

enq.195

Comar 7P.i Folding Sliding Door system



Comar Architectural Aluminium Systems is delighted to launch its thermally broken Comar 7P.i Folding Sliding Door (FSD). Smooth operation and solutions to meet the design brief, the aluminium Comar 7P.i Folding/Sliding Door (FSD)

system offers a myriad of possibilities for commercial or residential projects. Comar 7P.i FSD provides a versatile moveable wall that allows space and light into any project. Even in the winter months the glazed façade offers light as well as keeping the building insulated through the trade-marked Comar 7P.i thermal break technology.

020 8685 9685 www.comar-alu.co.uk

enq.196

Sleek Reynaers Hi-finity sliding system



A stylish new sliding door range, from Reynaers Aluminium, Hi-Finity is a sustainable, ultra-slim profile system that made its debut at Ecobuild. Allowing uninterrupted panoramas thanks to its elegant, ultra-slim profiles, Reynaers

Hi-Finity sliding doors combine ease of use with optimum performance. Innovative in style and design and with industry-leading profiles that hardly impact on the exterior view, Hi-Finity allows, more than ever, the internals of a building to merge seamlessly with the outdoors. This not only gives a light and airy feel to any living space, but also increases the feeling of spaciousness.

enq.197





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Kloeber's Secured by Design accreditation



Kloeber is proud to still be the only timber bi-folding door to achieve Secured by Design status, an accolade it has now held exclusively for over a year. Matt Higgs Kloeber's sales director said, "We are delighted to still have the only Secured by Design timber

bi-fold on the market after all this time. This unique selling point gives us a massive advantage over any other folding sliding system in terms of security, design, quality and efficiency". Secured by Design is the only form of national police accreditation for security products and is owned by the Association of Chief Police Officers.

01487 740044 www.kloeber.co.uk

enq.200

Bi-fold and patio with quickslide quality



In what has become one of the most competitive sectors of the replacement window industry – traditional vertical sliding sash windows – Quickslide has remained market leader despite a continuous assault on the niche that it was instrumental

in developing. Now Quickslide is applying its manufacturing and logistics expertise to Bi-Folding and In-Line Patio doors in aluminium so installers may now enjoy the same confidence and trouble-free purchasing experience as for Quickslide's established products. Quickslide offers the renowned Smart Visifold Folding Sliding Door System, acknowledged as one of the best products of its type.

enq.202

Polypipe expands Polystorm range



Polypipe, one of the UK's leading manufacturers of plastic sustainable drainage and water management products, has launched two new products to form an access system to be used in conjunction with its Polystorm Geocellular range. Allowing easy vertical and horizontal access respectively, Polystorm

Access and Polystorm Inspect feature tunnels specifically designed to permit inspection points to be built into a Polystorm Geocellular structure for remote camera inspection and maintenance activities. Polystorm Access provides a 1m by 0.5m shaft within a Polystorm geocellular structure to allow surface access for remote camera inspection, flushing and rodding.

enq.201

SuDS law



Hunter Plastics manufactures the widest range of PVC-U rainwater, soil and waste and underground drainage systems in the UK. New regulations regarding Sewers for Adoption have now gone live. They have brought significant changes to the way contractors need to design and install underground drainage schemes for single houses or small developments.

New houses connecting to existing foul sewers will have to terminate with an inspection chamber, normally positioned in the front garden, close to the back of footpath. Installers who are unsure about how the new regs affect their next project can contact Hunter for more advice.

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Evinox works hand in hand with E.ON

A major regeneration currently taking place at Myatts Field North in Lambeth will transform the area into a new mixed and sustainable community. The project consists of the regeneration of a large-scale new residential development, a replacement community centre, a new retail unit, refurbished residential & retail units and associated open space, to provide a more vibrant, welcoming, and greener environment for locals. E.ON are providing the district heating network using an 'Energy Centre' located in an existing 'submarine' structure, which will supply heat in the form of low temperature hot water for space heating and domestic hot water. From this network, Evinox ModuSat heat interface units contained in each dwelling will convert the heat generated by the 'Energy Centre' into independent, fast recovery hot water and high efficiency heating for each residence.

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enq.207



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Exclusive smoke ventilation solution from SE Controls for London's Marconi House

London's new Marconi House apartments and an adjacent hotel development, are using advanced SHEVTEC® smoke and heat exhaust ventilation systems from SE Controls to provide smoke free escape routes for residents and staff in the event of a fire.

Located on The Strand, the Marconi Wing apartment building has a long and varied history, originally housing the Gaiety Theatre's restaurant before being redeveloped as the Marconi Wireless Telegraph Company HQ.

The latest phase in its evolution, which has been designed by Foster & Partners, includes the construction of an exclusive development of 86 apartments behind the original stone façade that still bears the Marconi name. Alongside this, the five star hotel development provides 157 bedrooms, which is served by a separate and completely independent SHEVTEC smoke ventilation system.

As each building has different layouts and specifications, SE Controls worked closely with Lloret Fire and Security on the hotel development and



Nomico on the apartments to create separate smoke ventilation solutions dedicated to the apartment building and hotel while integrating fully with their fire alarm systems.

SE Controls was responsible for the supply, fitting and commissioning of the north and south stair smoke shaft control systems, involving the installation of SHEVTEC automatically opening smoke shaft door actuators on each of the apartment block's eight levels, primarily to provide pressure relief to the stair core pressurisation systems and passive smoke extraction to the communal lobbies when activated by the fire alarm.

SE Controls' extensive solution incorporates SHEVTEC automatic multi-blade dampers on each floor, including basement levels, together with 28 OS2 Type 21 controllers, 31 fire service tamper proof MCPs and reset points two repeater panels to provide full status monitoring. All systems used within the SE Controls system are CE marked and conform to the latest legislation requirements for performance, fire safety and operation.

Further information on SE Controls' products, solutions and projects can be obtained by visiting www.secontrols.com or calling 01543 443060

enq.209

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Fontecal Corolla boilers with Evinox



Evinox has been appointed as official UK distributor for the Fontecal Corolla range of commercial boilers. The Corolla range has been available in the UK since around 2004 and the new arrangement with Evinox assures continuing availability of both boilers and spare parts for existing and new customers. The Evinox Corolla series of wall hung, condensing, pre-mix boilers consists of four

models – 381, 382, 501 and 502. These boilers feature either one or two heat exchanger modules within a single casing, with boiler outputs of 38kW, 50kW, 76kW, and 100kW, to provide closer load matching.

01372 722277 www.evinox.co.uk

enq.211

Specialist selects Ecodan® and Hydrobox



In a move that demonstrates his complete confidence in **Mitsubishi Electric's** air source heat pump technology, renewables specialist Warren Gray has installed an Ecodan® and Hydrobox heating system in his own home.

Mr Gray, owner of Northumberland-based

Northburn Solar, a company specialising in renewable technology has chosen an 8.5kW Ecodan unit to provide heating and hot water to his three bedroom home in Northumberland. With many years' experience in the industry Mr Gray had a wealth of knowledge to draw on to select the best product for the job. The Ecodan unit is fitted to the outside wall of the property from where it harvests renewable, low grade energy from the outdoor air.

enq.212

Uponor Q&E takes Ecobuild by storm



Uponor's new Q&E plumbing system is proving to be the star of the show at Ecobuild 2013. More than 100 orders for the Milwaukee Q&E tool, which expands the PEX pipe to fit the Q&E shrink-fit products, were taken on the first day of the show with the conversion rate on the second day running at four tool deals every hour. Q&E is already the plumbing system of choice for the majority of European installers

with more than 75 million fittings sold worldwide. The revolutionary new jointing system relies on the memory of Uponor's Q&E pipe and uses a specialist tool to rapidly expand the diameter of the pipe and Q&E ring to secure the fitting.

enq.213

New Scalepro blitzes limescale



Water treatment specialist, **Sentinel**, has launched its new electrolytic scale inhibitor, ScalePro®, to take on and defeat limescale build up. For the first

time in a unit of this type, it incorporates specially developed circuitry that monitors the condition and the performance of the scale controlling zinc electrode. An LED flashes green visibly every 32 seconds if the device is working correctly and flashes red if the electrode is fouled or exhausted. Designed to offer scale inhibition for homes and small commercial properties the unit is a non-polluting, electrolytic physical water conditioning device that helps protect a pipe system or appliance from the formation of harmful lime scale encrustation.

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ATAG looks for growth in Scotland



ATAG Heating, the UK subsidiary of ATAG Verwarming of Holland, one of Europe's leading manufacturers of super high efficiency, low emission boilers, has appointed McCallum Water Heating of Glasgow as their sales agent for Scotland.

Founded in 1878, McCallum are one of Scotland's oldest established heating appliance, manufacturer, distributor and repair specialists and have an enviable reputation for the quality of both the products and services it offers. The company has, over many years, developed strong links particularly with the public sector. ATAG believe that McCallum are ideally placed to further develop ATAG's market penetration north of the border.

enq.216

Vent-Axia supplies Lo-Carbon Centra



Vent-Axia is delighted to have been supplying Mears Group, a leading UK social housing repairs and maintenance provider, with its Lo-Carbon Central fans for use in Brighton & Hove City Council's housing stock. Centra is designed to operate as a continuous running axial fan, offering trickle ventilation but comprising a boost feature,

which can be utilised as necessary based on specific room requirements. Adjustable 'normal' running speeds make it suitable for continuous extract in kitchens, bathrooms, en-suites and utility rooms.

0844 856 0590 www.vent-axia.com

enq.217

The world's first copper press fit standard



Pegler Yorkshire, a leading manufacturer for the plumbing and heating industry, has raised the bar in the copper press fitting market by demonstrating excellence and achieving the first prestigious BSI Kitemark for copper press fit. Received for its XPress Copper

water and gas press fitting ranges in sizes 15-28mm, the BS 8537:2010 certification assures plumbing and heating professionals of the quality and value of this product range. Pegler Yorkshire's certification also assures that the press fittings are approved for use with copper tubes, which meet requirements of BS EN 1057. The range will now boast the esteemed Kitemark which demonstrates regular independent batch testing and auditing assuring the integrity of the products.

enq.218

Pentair gives extended peace of mind



In line with its commitment to unparalleled customer service, Pentair Thermal Management now offers its customers a ten year extended warranty on its commercial heat tracing products, including:

The WinterGard (FS) pipe frost protection Range, self-regulating and mineral insulated ramp heating solutions, gutter ice and snow melting systems, hot water temperature maintenance solutions, and its popular FrostGuard heating kits. Systems are simply registered at the online registration site at the time of installation and, in the rare event of a problem, ensure corrective action can be delivered to the customer quickly, efficiently, and with the minimum disruption.

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Exe-pertise ensures successful underfloor heating installation



Expert advice from Schlüter-Systems has ensured its Schlüter®-BEKOTEC-THERM underfloor heating system has been successfully installed at an exclusive collection of exceptional new family homes on a beautiful country estate in the Exe Valley. St Aubyn's Wood, from Heritage Developments, has seen 14 spacious three and four-bedroom houses built within the grounds of this estate near Tiverton, with Schlüter®-BEKOTEC-THERM installed throughout the ground floor of each by plumbing and heating contractors at Otter South West Ltd. Schlüter®-BEKOTEC-THERM's low supply temperature of approximately 30°C, compared to the more conventional 50°C or the 70-90°C in some radiator systems, means it is extremely effective both with conventional heat generation methods and regenerative energy sources such as heat pumps or solar panels, which are often found in new build properties. As well as its performance and ease of use, what makes Schlüter®-BEKOTEC-THERM really stand out from the crowd is its five year covering assembly warranty. Unlike other systems, which just provide component warranties, Schlüter®-BEKOTEC-THERM customers can have the peace of mind that its warranty covers the whole floor assembly.

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enq.221

Xtratherm's CavityTherm leads in AIMC4 'world-class' energy efficient homes



Xtratherm's innovative full fill built-in wall insulation, CavityTherm, has been installed in Code Level 4 homes as part of the £6.4 million AIMC4 project. The project is funded by the government backed Technology Strategy Board – the UK's innovation agency – and five consortium partners. The partners are Stewart Milne Group, Crest Nicholson Plc, Barratt Developments Plc, H+H UK Ltd, and the BRE. The consortium built 17 homes that meet the energy requirements of the Code for Sustainable Homes Level 4. The new homes are a testing ground for investigating how a highly insulated envelope to Code Level 4 energy requirements can be achieved effectively and economically using a fabric-first approach. The homes vary in design and size, and with different fabric and product solutions. House builders Crest Nicholson and Barratt Homes each committed to building at least four of these 'world-class' energy efficient homes. Crest Nicholson has built five at its Noble Park development in Epsom and CavityTherm is installed in one of those units. Xtratherm also provided high performance insulation for one of the four homes built by Barratt at its Meridian Park development in Corby.

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Certification with UNILIN roof panels



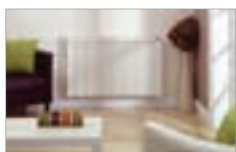
UNILIN Structural Insulated Roof Panels provide developers and architects with highly efficient roof constructions that are fully complaint with all UK building regulations. Factory manufactured to exacting tolerances, UNILIN roof panels achieve BBA approval

(No. 02/3897), ensuring compliance with The Building Regulations for England (2010), Wales (2010), Scotland (2004) and Northern Ireland (2000). The BBA approval has considered the strength and stability, fire behaviour, weather-tightness, condensation, thermal performance, airtightness and durability, finding Unilin roof panels as fit for their intended use.

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enq.224

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quality of heat. There will be no maintenance or inspections required. Each radiator has its own room thermostat and programming system ensuring that energy usage is always kept to a minimum and every room is exactly the temperature required. The radiators are rated 100 per cent energy efficient. Being electric, this heating system is fully compatible with all micro-generation and renewable technologies.

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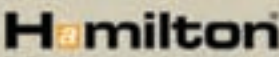
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Designer contracts donates



A family living in one of the world's most deprived countries will have a home of their own, thanks to one of the UK's leading suppliers

of floorcoverings to the new-build sector. **Designer Contracts** has donated money via housing charity Habitat for Humanity – amounting to the average price of all the materials and labour needed to build a family home in a developing country. Said Peter Kelsey, managing director at Designer Contracts: "It's a great opportunity to help people help themselves. We wanted to get involved because such a small amount of money can really make a difference. I want to encourage more people to get involved and pledge their support."

enq.229

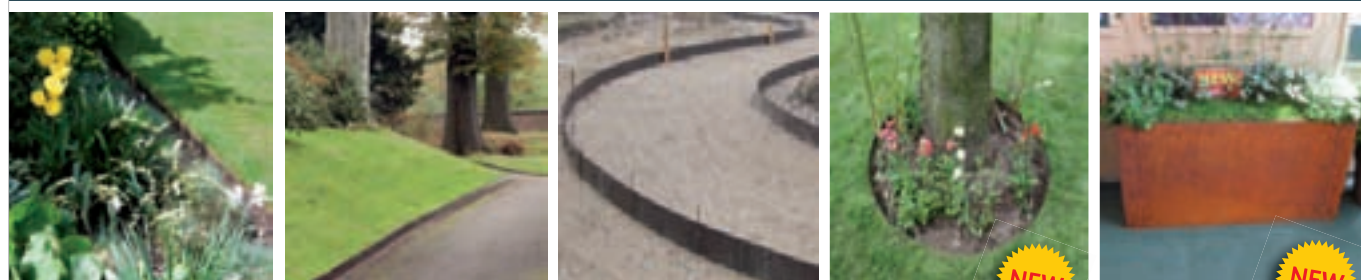
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enq.230

Edgemere Slate helps deliver wow factor



Marley Eternit's Edgemere interlocking slate has been specified as part of the construction of two pioneering, pre-fabricated Canadian Log Homes at a campsite for Christian charity,

Foundation Matters. Jem Hudson from

the charity identified the pre-fabricated log homes solution at the Grand Designs show in Birmingham and immediately set about ordering two dwellings of 700 and 500m² respectively from the Canadian-based supplier. After discussions with the local planning officer, Marley's Edgemere interlocking slate was selected as an aesthetically pleasing and practical roofing solution.

01283 722588 www.marleyeternit.co.uk

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Marley Eternit's improved rating



Roofing and cladding manufacturer **Marley Eternit** is celebrating, having achieved yet another industry first, with improved ratings on its UK manufactured fibre cement and profiled sheeting products as the result of its annual third party BES 6001 certification re-assessment. BES 6001 is the 'Framework Standard for the Responsible Sourcing of Construction Products' by the BRE.

And, so in demonstrating the company's continued commitment to sustainable buildings, Marley Eternit's UK manufactured clay tiles, fibre cement slates and profiled sheeting have achieved a 'Very Good' performance rating, an improvement from 'Good' in 2012.

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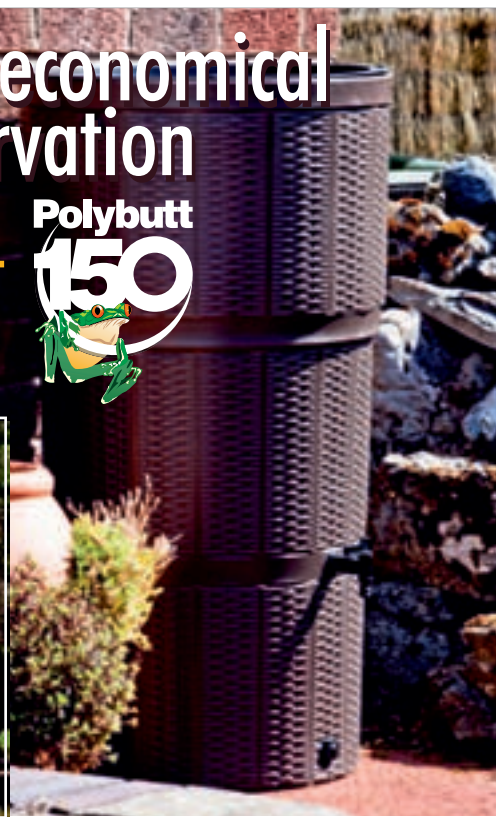
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A better approach to managing scarce water

Glyn Hyett, managing director of 3P Technik UK Ltd, and a founder member and director of the UK Rainwater Harvesting Association, discusses the need for water management

Europe's new blueprint for water

Britain's housebuilders will be looking with interest at the launch of the EC's 2012 Blueprint to safeguard Europe's water supplies, which will herald in due course future legislation covering flood avoidance and water economising measures.

The main aim of EC water policy is to ensure that throughout the EU a sufficient quantity of good quality water is available to meet people's needs, and the needs of the environment.

Translating the Blueprint through to EU-wide legislation, as part of an overarching EC water policy, is planned for completion by 2015. It will encompass the results of ongoing assessments covering national river management plans, a review of existing policies on water scarcity, and the vulnerability of water resources to climate change.

Addressing floods & droughts

In the UK, the house building industry knows only too well the challenge faced in meeting the requirements on all new developments to manage surface water run-off to make sure that local and down-stream flood risks are not increased.

Perhaps less appreciated, especially following one of the wettest years on record, is the underlying position that water supplies are generally under stress, particularly in England south of the Humber estuary. Worryingly, these stresses will increase substantially as demand for water grows due to population growth.

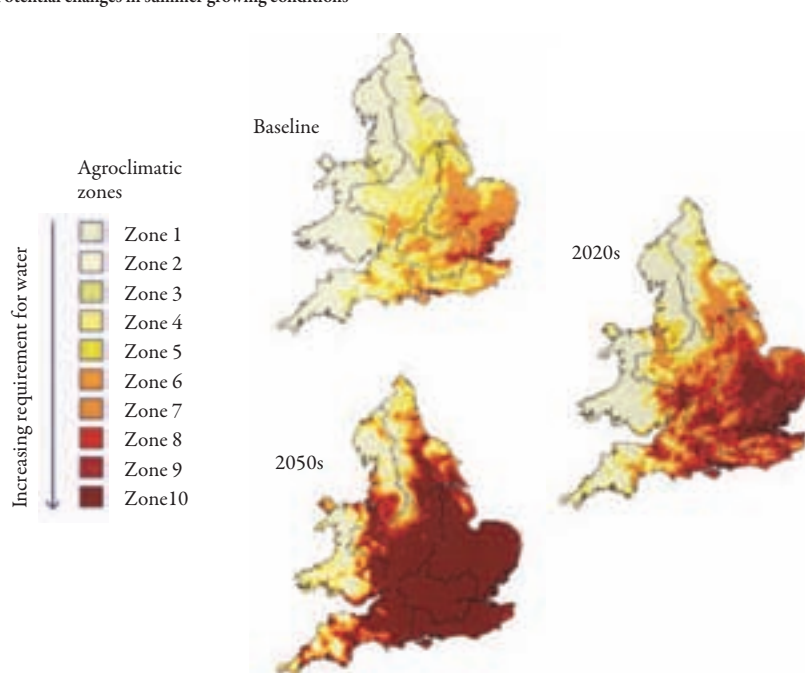
According to the climate experts, this combination of water-shortages sitting alongside heightened flood-risks is also likely to become a future feature of the UK climate. The pattern of steady drizzle, for which the British Isles are famed, is predicted to give way to more intensive downpours that simultaneously pose a flood risk while being harder to harness for subsequent use.

What it means for housebuilders

UK legislation covering these issues came into force two years ago with the passing of the 2010 Flood & Water Management Act; this drew together a number of existing strands of best-practice in the house-building sector.

In particular, the need for new developments to be, at worst, flood-risk neutral was reinforced,

Potential changes in summer growing conditions



Source: Environment Agency – 'Water for people and the environment'

along with the need to take into account broader ecological considerations such as water-quality, environmental impact and water features as a local amenity.

Reflecting these requirements, guiding principles have subsequently been developed to help benchmark the future approach in managing surface water run-off. These include achieving the maximum possible level of control at source, i.e. at and around individual properties.

New drivers

A noteworthy feature of the Act is the introduction of new 'SuDS Adoption Boards'; their role will be to adopt the site-wide arrangements for managing surface water (i.e. sustainable drainage system, or 'SuDS'), and maintain its future operational efficiency.

This will bring an additional driver and cost to the planning process, with the local adoption

board needing to sign-off the SuDS proposals, and agree with the developer a charge to cover the system's future maintenance.

Together with the need to meet water quantity, quality and amenity requirements, both sides will inevitably be under pressure to design and agree schemes that are easy to monitor for ongoing effectiveness, and are straightforward to maintain.

Reducing consumption

While avoiding new flood risks, developers are also required to meet water consumption targets when constructing new homes. These requirements stem from a 2010 update of Part-G of Building Regulations, and the Code for Sustainable Homes.

Depending on project specifics, using harvested rainwater for non-potable uses such as toilet-flushing can reduce mains-water consumption by up to 50 per cent in dwellings. While this

Continued overleaf...

The most productive way of dealing with this overflow on a housing development is to route it to a communal rainwater harvesting system



Photo courtesy of Illman Young

makes an obvious contribution to easing stresses on mains-water supplies, harvesting water where it falls chimes equally well with the need to control as much surface water as possible at source.

Two birds, one stone

In theory, where yield and consumption are exactly matched, a rainwater harvesting system will handle all of the rain falling on the roof, leaving only the water generated by other hard surfaces needing to be managed.

In practice, however, cyclical variations in the pattern of both rainfall and consumption means that a correctly-sized rainwater harvesting storage tank cannot be relied upon to have the capacity at any given time to accommodate a storm event and must therefore be connected to an overflow.

The most productive way of dealing with this overflow on a housing development is to route it to a communal rainwater harvesting system serving higher density dwellings whose roofs are not harvesting sufficient water to meet users' requirements.


Harvesting and making productive use of rainfall makes a direct contribution to relieving stresses on water supplies, and to meeting building Codes; it also assists SuDS design by reducing the land-take necessary for surface features such as balancing ponds, and eases adoption negotiations by including elements with their own servicing schedules.

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New zinc rainwater brochure from VMZINC



The 2013 VMZINC Rainwater Systems brochure provides detailed design and installation information on products for commercial and residential projects. It outlines the benefits of VMZINC's unique pre-weathering process, choice of gutter profiles and accessories and how features such as concealed brackets are used to create a distinctive flowing gutter line. Systems are light in weight with downpipes having sleeve connections and self-locking brackets. All are fully recyclable, require minimal maintenance, have a design life, which can exceed 50 years and are often less expensive than equivalent systems in aluminium.

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Yeoman Rainguard's new brochure



Yeoman Rainguard, a UK market leader in Rainwater Systems has launched a new sixty page brochure packed full of information including details on its aluminium, GRP, cast iron, and copper, zinc & stainless steel rainwater systems, stunning product images, case studies on new build and renovation projects and technical fixing details. The brochure also provides customers with the opportunity to take a closer look at Yeoman

Rainguard's exciting new range of products, accessories and colours. Also included are details on an impressive range of turrets and clocktowers, along with complementary Yeoman Rainguard products such as Anticlimb and Cornice and Fascias.

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Polypipe Rainwater gets the green light



Polypipe's Elegance Ogee rainwater system – a uPVC cast iron 'lookalike' system that includes rainwater goods and a range of soil and vent products – has really taken off with installers and specifiers giving the new system the green light. While specifiers are drawn to the new system because of its quality and aesthetic benefits – it's ideal for use in refurb projects on older buildings and in conservation areas or in

areas where older style homes predominate. The Elegance range has been designed in such a way that each profile in the range utilises a common downpipe, making installation and ordering very simple.

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A step by step guide to safer stairs for housebuilders

Pauline Kelly, chair of the British Woodworking Federation (BWF) Stair Scheme, looks at the safety issues of timber stairs in new homes and offers tips for housebuilders

A step by step guide to safer stairs

The humble staircase is one of the most common areas for accidents in a UK home. Shockingly, more than 300,000 people injure themselves by falling down stairs each year.

Unfortunately much of the problem can come from poor design and manufacturing defects. However, currently the standards for manufacturing stairs are not consistent enough and there has been little signposting of quality manufacturers to the housebuilding industry. This is the purpose of the BWF Stair Scheme, which is now estimated to cover 60-70 per cent of the market and requires manufacturers to ensure all stairs comply with current building regulations and meet relevant performance requirements such as load carrying capacity and fire resistance.

Of course, it isn't just the stair manufacturers who have struggled with the historic lack of standards; Building Control professionals face a complicated journey to verify the standards of the manufacture and installation of staircases. There is currently no British Standard to work towards; meaning an integral part of a house is potentially being built to poor or even unsatisfactory standards. And as timber stairs are increasingly being chosen for multi-occupancy buildings, the consequences of a staircase failing in an evacuation situation would be devastating. A stair that has been manufactured to meet the standards of an accredited scheme makes inspections a more manageable process for site managers and building control professionals.

From this April, the new Approved Document K: Protection from falling, collision and impact, comes into play. This document provides thorough guidance on issues such as the rise and going, construction of steps, headroom, width and length of a flight of stairs, landing areas, handrails and guarding. It is imperative that housebuilders become more familiar with these requirements to ensure the successful installation of stairs.

For most houses, the staircase is a simple structure needing only to provide access from the ground floor to the first floor. As there is a possibility of the house being occupied by a child



Image courtesy of Yoxall Joinery Ltd

From this April, the new Approved Document K: Protection from falling, collision and impact, comes into play

under the age of five there are many considerations to take into account to ensure their safety too. Steps should be of an equal going and rise and be accompanied by a solid banister where the guarding would prevent a child being held fast and where a 100mm sphere could not pass through. Children should also be unable to climb the guarding.

These precautions are extended to multi-occupancy dwellings and should also consider stair users under the age of five. For buildings such as these, gangways need to be considered as well as the width and length of flights of stairs. As these buildings are multi-level and stairs are providing access for many occupants, consideration must also be given to landing spaces. It is also recommended there is a change of direction for every 36 steps. This creates greater design constraints and housebuilders must be aware of the complications they may face.

continued overleaf...



Image courtesy of Yoxall Joinery Ltd

What to look for

Timber stairs can make a great visual statement in a home. Stairs certainly don't have to be dangerous. By paying greater detail to the design, manufacturing and installation process a solid and safe staircase can be constructed. Here are four things for every housebuilder to look out for:

- **Handrail** – Many stair users neglect to use a handrail, until they're about to fall. Then it's the first part of the structure that they reach for. Therefore the design of a handrail should take into account the distance between the going of the step and the average height of the user. The handrail must also be able to withstand the weight of the user and the sudden pressure someone may put on it. Timber stairs with solid spindles are by far the easiest part of a stair for a falling person to grab.
- **Over-stepping and under-stepping** – The most common accidents on stairs are caused by users over-stepping or under-stepping, basically misinterpreting where they should place their foot. If a stair is designed to have an equal going then the chances of under-stepping or over-stepping is greatly reduced and will minimise the risk of a fall.
- **Finish** – One major consideration for timber stairs is the finish that is applied. A staircase

that is overly varnished greatly increases the risk of a user falling, particularly if the going is less than 300mm. To avoid the issue of 'slippy' stairs, carpet can be added to give greater friction.

- **Badge of accreditation** – Housebuilders should consider the source of the staircase and the standards that have been followed to ensure it will stand the test of the time when installed. The safest staircases are those that are part of an accreditation scheme, so look out for the BWF Stair Scheme badge. You'll usually find it in a 3mm deep recess on the lower newel post immediately under the handrail, or on the top left hand corner of the lowest riser.



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balance between durability and visual appeal for residential balconies in four new tower blocks on the Heathside and Lethbridge estates. In addition to aluminium and glass balcony balustrades, Sapphire also supplied polished stainless steel handrails with coated steel uprights and vertical bar infills to give function and style to internal communal stairways.

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Wood coatings experts join Remmers UK



Remmers UK Ltd, a leading wood coatings specialist, is pleased to welcome Dave Christie (left) to the Wood Coatings team as a technical sales manager to partner his fellow technical sales manager Brian Priestley (right). With over 40 years of experience between them in

the UK timber industry, both Brian and Dave have worked with a number of major companies and are equipped with the specialist knowledge of wood treatments and coatings. Their aim is to greatly expand the future growth of Remmers timber section and win competitive tenders with joinery manufacturers, clients, consultants and specifiers, in today's challenging marketplace.

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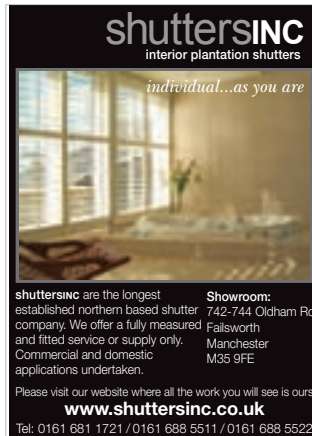
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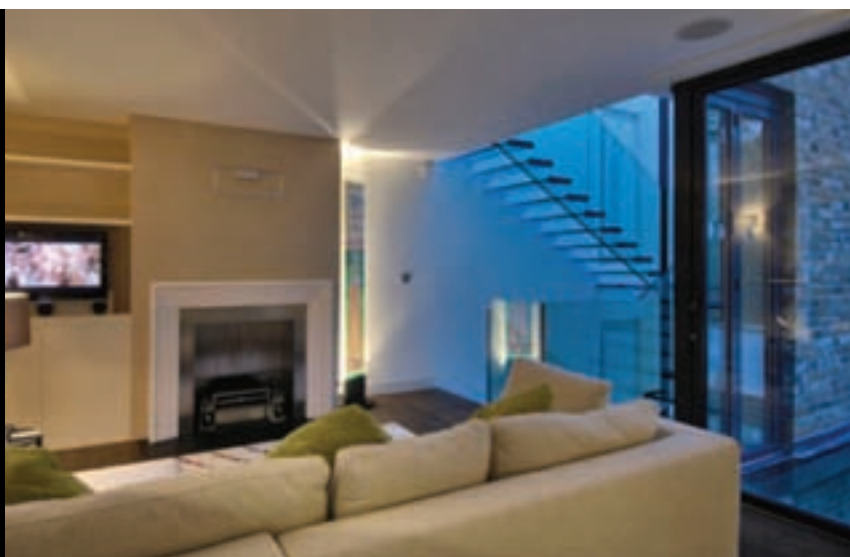
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