

selfbuilder & homemaker

June/July 2012

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FEATURES IN THIS ISSUE:

Bathrooms, Showers & Wetrooms
Insulation (including thermal & acoustic)
Kitchens & Appliances
Rainwater Products
Pools, Spas & Decking Showcase
Timber Products Showcase



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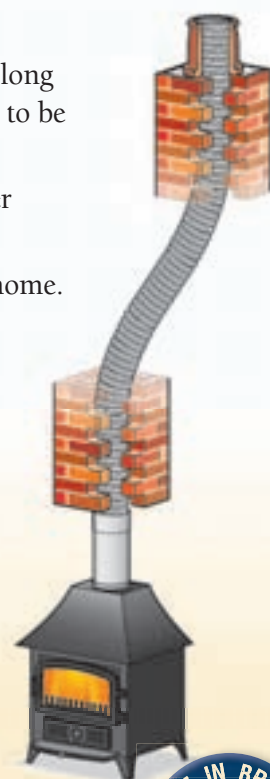
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contents



features

8

'EVERYONE SAID I WAS MAD!'

When retired teacher Lesley Wymer, took on a self build project for the first time, everyone said she was mad. But she says she loved every minute of it. Here's how she did it... Written by Jo Mears

20

WATER EFFICIENT SHOWERING

Steve Lee, CEO Methven UK, discusses the importance of choosing the perfect shower system to save on energy, while also being more effective

30

DRAUGHT PROOFING AIDS SUSTAINABLE DEVELOPMENT

By Leonie Onslow, Draught Proofing Advisory Association

32

HEART OF THE HOME

Crown Imperial gives selfbuilders tips on shape and style for their kitchens

35

THE RAIN IN THE UK FALLS MAINLY ON THE ROOF

Simon Green, category director at Polypipe, discusses the rainwater harvesting system options available to selfbuilders

product round up

Air Conditioning & Ventilation.....	16
Bathrooms, Showers & Wetrooms.....	18 - 21
Building Products.....	16, 18 - 19
Doors & Windows.....	22 - 25
Eco & Green Products	25 - 26
Fires & Fireplaces	26 - 27
Floors & Flooring	27 - 28
Heating, Plumbing & Renewable Energy.....	28 - 29
Insulation	29 - 31
Kitchens & Appliances.....	31 - 33
Rainwater Products	35 - 38
Roofing & Cladding.....	38 - 39
Stairs & Staircases.....	39
Stonework & Masonry	40

also in this issue

4

NEWS

6

EDITOR'S FOCUS

34

POOLS, SPAS & DECKING
SHOWCASE

40

TIMBER PRODUCTS SHOWCASE

49

CLASSIFIED & DIRECTORY



Cover image of Little Treguilas, © Ewen MacDonald. Look out for the Carol Burns feature in next month's Selfbuilder & Homemaker



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news

Mayor launches £8 million fund for Londoners to build grand designs

The Mayor of London, Boris Johnson, has invited Londoners to apply for a share of an £8 million fund aimed at putting design and architectural excellence at the heart of community building projects.

Under 'Build Your Own Home – the London Way' Londoners can now apply for loans or grants from the government's 'Custom Build' or 'Community Right to Build' schemes, which will enable them to develop new and innovatively designed homes or community facilities. The Mayor is particularly keen to hear from Londoners who can demonstrate how delivering their proposals might help to bring jobs, training or other employment opportunities, such as apprenticeships for young people.

The Mayor, who has already introduced a design guide for new homes as part of his London Plan, has enlisted the help of leading London architects and designers who have offered to help successful applicants refine their ideas into projects, which will improve the capital's neighbourhoods and make them better places to live, work and invest in.

Ben Derbyshire, managing director of awarding winning architects HTA; Peter Murray, architect and chairman of New London Architecture; David Birkbeck, chief executive of Design for Homes and Tamsie Thomson, director at the Royal Institute of British Architects, are all lending their expertise to the initiative, helping successful bidders to bring their ideas to fruition through specialist design review sessions.

The Mayor of London, Boris Johnson, said: "From grand Georgian squares to the Brutalist developments of modernity, London's unique architecture has played a key role in making this city a fantastic place to live,

work and invest in. As we seek to establish a new vernacular for our capital in the 21st century, this project will put Londoners themselves right at the heart of the creative process. Whether it's new self build homes or a much needed community facility, we want to see really innovative ideas coming forward. With the help of the top industry experts we have on board, there's never been a better opportunity to help shape the neighbourhood in which you live."

Housing minister Grant Shapps said: "We are witnessing a self build surge in this country, with more people than ever looking to construct their own home or get behind the building of new community facilities. The 'Custom Build' scheme and 'Community Right to Build' are great opportunities for people across London to be in the driving seat in delivering the homes, shops and facilities their neighbourhood needs.

"The funding and advice being offered will provide a big boost to people eager to bring about change and I would urge all Londoners to make use of the funds and support to ensure their community has the best chance to thrive in the future."

Ben Derbyshire said: "It is a very good thing that the Mayor of London has recognised this creative potential, which was in danger of withering for want of support. We have certainly fallen far behind what is being achieved by selfbuilders in the US and Northern Europe. This initiative will help to increase the supply of housing in London by leveraging sweat equity into the equation, at the same time reconnecting citizens with place-making. We are delighted to be involved and happy to support selfbuilders in London."

event

Rural and Self Build Development

This RIBA seminar will look to explain the challenges and opportunities of development in rural communities and the support to facilitate self build development. The seminar aims to:

- Explain the HCA's role in supporting local authorities and developers and the progress with the Government's Action Plan for Self-Build Housing
- Provide the strategic context for the Affordable Housing Programme and in particular explain the recently launched £30 million investment fund to support self build

- Explain the challenges of development and principles of viability of development and how a collaborative and often multi funded approach has delivered success.

The speaker is Ken Glendinning, head of area for Surrey and Sussex, Homes and Communities Agency.

Held on September 4 between 2 - 4.30pm at G Live in Guildford. Visit the RIBA website at www.architecture.com for more information, booking and fees.

Dedicated land and £30 million fund will offer support for self build groups

Housing minister Grant Shapps has named seven sites across the country being set aside specifically for groups of people looking to work together to build their own homes. These sites, together with many more opportunities being identified by local authorities, will create hundreds of new self build opportunities across the country.

He also praised the work of councils including Cherwell District Council, who are looking to give as many local people as possible the opportunity to build their own homes. And with Datamonitor predicting that the numbers of mortgages available to selfbuilders will increase by 141 per cent over coming years, Mr Shapps today wrote to major lenders urging them to consider how they can make the most of the business opportunity that a growing self build sector can offer.

Enough surplus previously-used public sector land for up to 60 homes will be made available in Trevenon Park, Pool, Cornwall – making it the nation's first-ever large-scale self build plot. Six other available sites have been confirmed. They are:

- Kingsweir and Torpoint, Bristol
- Spencers Park, Hemel Hempstead
- Pleasley Colliery, Bolsover
- Upper Tuesley Milford, Surrey
- Wilson Road, Hanford, Stoke-on-Trent; and
- Chase Avenue, Walton Park, Milton Keynes.

This is just the first step in a self build surge. Mr Shapps has also asked the Homes and Communities Agency to continue identifying sites to be dedicated to group self build projects. The move follows the minister's recent mission to Almere in the Netherlands – Europe's largest low-cost self build project. There, he was able to see the difference that can be made when a council gives help to local aspiring selfbuilders.

He praised the work of Cherwell District Council in Oxfordshire, who are following Almere's lead by offering specific sites to local people looking to build their own home. As councils across the country draw up their local plans for development, Mr Shapps urged them to follow Cherwell's example.

Financial support for self build start-ups

In addition to offering land, Grant Shapps also published details of a new £30 million investment fund to offer people the money they need to lay the foundations for their self build projects – the first time this has been done in the UK.

This new fund will offer short term loans to community groups, builders and other small organisations looking to start self build projects. The money could be used to pay up to 75 per cent of a project's land and early construction costs, and will be available to organisations planning to build five or more homes at a total cost of up to £3 million.

Grant Shapps said: "We are witnessing a self build surge in this country, with more people than ever looking to construct their own home. As I saw for myself in Almere, the self build capital of Europe, this shouldn't be a niche interest for the select few – anyone with a dream to build should be able to do so.

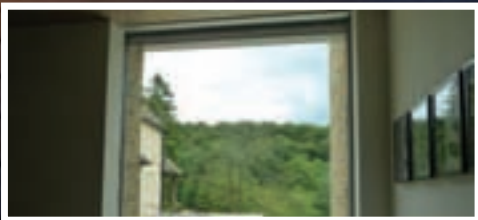
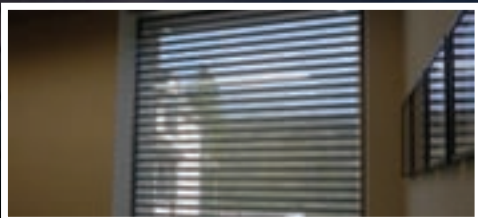
So I'm delighted to be able to announce the first seven sites with plots available exclusively for selfbuilders, as well as £30 million to offer short-term loans to help communities get their projects off the ground.

"This first-ever package of self build support will help to achieve our goal to double the size of the industry over the next few years, but I want us to go further still. The new national planning rules require councils to consider the needs of selfbuilders in their area, and I would urge authorities across the country to look to Cherwell and the innovative work there as an exciting example of how this can be achieved."



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CHARTER

editor's focus

1

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Viessmann has launched a new range of Vitodens 100-WV gas fired condensing boilers. The system and combination boilers can be installed in a greater number of locations around the home due to a maximum flue length of 19 metres (19 kW model), making them ideally suited for social housing projects and homes where available space is at a premium. Uniquely, the output is the same for heating and hot water, from 19 to 35 kW, meeting consumer demand for high performance.

Enq. 102

VISSMANN

2

MY BIFOLD

My Bifold are a specialist in both aluminium and PVCu windows, doors, sliding doors and bifolding doors. Their doors and windows are high performance, high security and energy efficient. There are a range of configurations and options, all available in an array of vibrant colours. My Bifold offer real savings by allowing you to buy direct from their factory. They also offer a full retail survey and installation package with experienced surveyors and installers, if it is required. They can bring the showroom to you with product demonstrations in the comfort of your own home.

Enq. 103



3

FRANKLIN WINDOWS

Franklin Windows is one of the UK's leading manufacturers of composite windows, doors, and conservatories with over 12 years experience in this niche market. The products are powdercoated aluminium on the exterior in almost any colour and are maintenance free. A luxury hardwood clads the interior, so whether you want modern or traditional, Franklin's range of bifolding or sliding doors and windows can fit perfectly. They also have a range of composite windows and doors specifically for eco builds and Passivehaus rated projects.

Enq. 104



4

RAINCLEAR SYSTEMS

The house builder who wants long lasting, quality aluminium guttering but without the installation headaches need worry no more! "The new SnapIT range of aluminium guttering is just what the industry needs," explains Daniel Hopkins, director of Rainclear Systems Ltd, UK independent stockists and distributor of cast iron, aluminium and bespoke metal guttering and downpipe systems. SnapIT is a quality aluminium gutter system, which comes in a smart 'contemporary' or 'heritage' finish and simply clicks into place, saving significant time and hassle. Made from 80 per cent recycled material it's also an environmentally friendly option. "At a significantly cheaper price than cast aluminium, it's a perfect choice for builders striving for quality but with limited budget and time."

Enq. 105



5

KNAUF INSULATION

Accounting for more than 55 per cent of the market for external cavity wall insulation, full-fill glass mineral wool can deliver comparable thermal performance as like for like partial fill solutions, such as rigid foam boards, but at a significantly lower cost. What's more, as full-fill solutions are quick and easy to install, with no need for retaining discs, labour costs are similarly reduced. Knauf Insulation's range of Earthwool DriTherm Cavity Slabs also deliver exceptional environmental performance and are manufactured using the innovative ECOSE® Technology – a revolutionary bio-based, formaldehyde-free binder technology that is based on rapidly renewable materials, rather than petro-based chemicals.

Enq. 106

6

ECOLOGY BUILDING SOCIETY

If you want to build your own home in a way that respects the environment, Ecology Building Society's self build mortgages could help you realise your dream. Ecology has been supporting sustainable building projects since 1981, and their experience in working closely with selfbuilders means you get a friendly, knowledgeable service from their mortgage team. They're keen to support ecological new builds, renovations and conversions, as well as energy saving improvements to existing properties. Their range of C-Change mortgage discounts reward you for cutting the carbon footprint of your property – meaning you save on your mortgage as well as your energy bills.

Enq. 107

show

Grand Designs Live heads back to Birmingham NEC for the 7th year

12-14 October 2012

One of the UK's most popular contemporary home shows, Grand Designs Live, will be making a welcome return to the NEC for the 7th year running from 12-14 October 2012, showcasing a range of innovative and inspirational ideas for home owners and self-builders. With over 500 exhibiting companies, the 2012 is set to be the busiest on record.

Visitors will be able to come and explore over six different sections of home wares, interiors, furnishings, kitchens, bathrooms, building products and services as well as the latest gadgets and innovations for home renovations and improvements. Aspiring self-builders will once again be able to book free consultations with a wide range of planning, financial and design experts to discuss their own Grand Design ideas.

This year's show will be split into the following sections: **Grand Build** sponsored by VELUX, **Grand Interiors** sponsored by Dulux, **Grand Kitchens** sponsored by Miele, **Grand Bathrooms**, **Grand Technology** and **Grand Gardens**.

Visitors can also expect new features at the show including; **The Automated Home** working with CEDIA, which will showcase some of the most cutting edge technology in the world of home automation within the Grand Technology area, **The Nano Village** sponsored by VELUX in Grand Build, will celebrate the 100th Grand Design house being built this year by creating a showcase architectural models of houses from the grand designs TV series.

Other show highlights will include the **Grand Theatre**, which will host a number of hot debates and seminars with a range of TV experts and guest speakers – from self-builders to interior designers as well as addressing local planning and building issues. Visitors can also find free advice from architects, interiors designers and landscape gardeners in the **Ask an Expert** feature sponsored by VELUX, and demonstrations from some of London's top chefs in the **Live Kitchen Experience**, sponsored by Miele.

For the eco conscious visitor, **Kevin's Green Heroes** will showcase a selection of the most innovative green building products of today; some of which are yet to arrive on the market.

Kevin McCloud will be at the Birmingham show meeting fans, chairing debates in the **Grand Theatre** and sharing his Grand Design experiences with visitors.

With over 47,000 consumers expected to visit the event over three days, Grand Designs Live Birmingham will offer visitors a great day out, 100s of innovative ideas for the home, specialist exhibitors and free expert advice all under one roof – making it an invaluable and unmissable event for home lovers.

Grand Designs Live Birmingham takes place from 12-14 October 2012 at Birmingham's NEC. Save £££'s when you book in advance. Order your tickets online at www.granddesignslive.com or call the booking hotline on **0844 854 1348**.

news

House fires in UK could be doubled by official figures

New research commissioned by Rockwool found that over the past five years half of all house fires in the UK were attended by fire brigades, with the rest extinguished by homeowners, other residents and neighbours or by other means. Official fire statistics capture those fires attended by the fire brigade and in 2010-2011 DCLG fire statistics recorded 45,000 dwelling fires extinguished by Fire and Rescue Services, potentially meaning an additional 45,000 house fires being extinguished without fire brigade intervention, and meaning the actual number of dwelling fires occurring in the UK is double the official statistics.

Go to www.sbhonline.eu and type in Ref: 12705 for more information.

Enq. 109

project

Stylish aerofin solution for innovative houseboat



Architects Sanitov Studio have designed an innovative Houseboat, which is moored along the Thames at St Katharine Docks. Alexander Host, the Danish designer behind The Ark, approached Hunter Douglas with an interest in specifying one of their sun control solutions.

Designers involved on the project were intent on specifying the most sustainable building methods. Aerofins for sun shading, by Hunter Douglas, were fitted to the boat's exterior to achieve the most comfortable levels of light intensity.

The floating home is part of Santiov's Urdaimonia initiative. The project seeks to explore ways in which to achieve 'the good life' in an urban landscape. In keeping with Santiov's holistic design approach, The Ark was built to engage with its environment and incorporate the city's waterways into the urban lifestyle.

Enq. 110

guide

A guide to the Feed-In Tariff changes

There is a common misconception that the approaching government cuts present an end to the Feed-In Tariff Scheme. Paul Beaumont, managing director at The House of Solar, clarifies the situation and explains how home and property owners can still benefit from the scheme.

With energy prices set to increase significantly over the next decade and beyond, a foresighted homeowner would be wise to look at ways of reducing their annual electricity bill. The Department of Energy and Climate Change estimates that the average household energy bill will have risen by £200 annually come 2030. This is largely driven by rising international prices for fossil fuels.

The much publicised Feed-In Tariff (FiT) scheme offers a green, long-term solution to looming energy price hikes. The fast approaching tariff reduction could make the scheme appear less attractive and dissuade consumers and businesses from installing solar panels. However, even after the cuts, the FiT scheme will still offer various financial benefits:

- Make money while running under your own steam
- Act now while the going is good
- The Green Deal
- Cost of installation

For the full guide, visit www.sbhonline.eu and type in Ref: 16398.

Enq. 108

'Everyone said I was mad!'

When retired teacher Lesley Wymer, took on a self build project for the first time, everyone said she was mad. But she says she loved every minute of it. Here's how she did it...

Written by Jo Mears

LESLEY WYMER



When Lesley Wymer was recovering from a car accident and her leg was in plaster, her friend drove her out to a country pub in Hertfordshire. "It was a lovely sunny day and the friend, whose husband was a property developer, said, 'why don't I show you his latest plot, as it is just round the corner?'"

Lesley and her friend went to look at the site, which consisted of quarter of an acre and a derelict prefab bungalow. "But it was the gar-

den that really attracted me," recalled Lesley. "I just had such a good feeling about it. It was a lovely sunny day and it was overgrown with roses and clematis and there were birds everywhere. I was so enthused I manage to make it to the top of the garden on my crutches, where it felt like I was up in the sky and the clouds, and on the spur of the moment I just said, 'Would your husband sell it to me?'"

The friend said she would ask and within a





‘The garden really had a sort of magic feel, rather like that book *The Enchanted Garden*’
– Lesley Wymer

few months Lesley had bought the plot and was embarking on her first self build project. “My family thought I was mad,” Lesley remembered. “But I decided to trust my instincts. The garden had a sort of magic feel, rather like that book *The Enchanted Garden*.”

When Lesley bought the plot and prefab bungalow she also bought the plans from the previous owner. “I knew he’d had lots of problems getting planning permission because all the

locals wanted something in keeping with all the other period properties in the area and also at a very low height. They had already tried several designs, so I accepted it was probably best to go with what they had already negotiated.”

“The site slopes significantly from the southern boundary to the northern one,” added architect Andrew Goodman, who Lesley engaged, “which meant we were restricted by the height and so had to excavate quite deeply and use a

Continued on page 11...



TOP: THE BACK OF LESLEY WYMER'S ECO HOUSE IN WESTMILL WITH THE WONDERFUL GARDEN THAT FIRST ATTRACTED HER TO THE PROPERTY. THE SLATE ROOF TILES ARE FROM RIDGEONS ROOFING NEARBY

LEFT: THE FRONT EXTERIOR OF LESLEY WYMER'S TIMBER CLAD SELF BUILD PROPERTY IN HERTFORDSHIRE. THE CLADDING IS PAINTED IN A BLUE GREY CALLED ‘WOOD ASH’ FROM TIKKURILA

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high retaining wall, before the new house could be built."

However, although she wasn't able to alter the exterior of the house, Lesley was able to employ eco builder Pat Wilkinson from Touchwood Homes, who specialises in low energy, low impact buildings. "I got talking to Pat and really liked him and his ideas," recalled Lesley. "He was really passionate about ecological building and he helped me draw up plans to build the house in a Passiv style, with 250mm thick recycled cellulose insulation, an airtight membrane to avoid draughts, a Swedish timber frame, solar panels for heating water, a heat recovery system and even a rainwater harvesting for re-use within the house."

She also enlisted the help of interior builder Ian Felstead, who did all the inside work such as the flooring, building cupboards, installing the kitchen and even the plumbing. "He really was the most amazing man!" Lesley enthused, "as there was no problem he couldn't solve." The whole build took roughly a year but Lesley, who was renting a bungalow nearby, moved in after six months. "It was a bit mad really," recalled Lesley. "As they hadn't even laid the cement floor downstairs or built the staircase to the first floor so I had to access my bedroom via a ladder. But I was desperate to move in by then as I had all my possessions in storage and the lease on my bungalow was coming up. I was also keen to project manage the build, so it was good that I could be on-hand all the time."

Lesley's previous home was a period mill, where at one time she ran a stables and a bed and breakfast but after she was unexpectedly widowed, and her children left home, the house became too big for her to manage. "I made the mistake of thinking the furniture from my old house would all fit into the new one," recalled Lesley. "When in fact a lot of it was too large and I had to give it to my children or to Oxfam." Lesley was a keen recycler long before it was fashionable. "In fact," she said with a grin, "when they demolished the prefab bungalow, we had only one skip full of waste, as I managed to recycle everything else, and I'm still burning the wood from it now on my fire!"

In the new house Lesley has two sources of heat, a Clearview wood-burning stove in the sitting room and a large blue aga in the big kitchen. "The original kitchen, from the previous

Continued on page 13...



LESLEY'S SOFAS FROM HER PREVIOUS HOME MANAGED TO FIT IN THE LIVING ROOM WHERE THE LUXURIOUS CLEARVIEW WOODBURNING STOVE IS THE CENTRAL FOCUS

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 /bɪˈfɒld/ (adjective) 1. Twofold

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

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owner's plans, was intended to be situated in a room at the front of the house but I decided to change it around and turn the larger room at the back of the house into the kitchen, and make their intended kitchen the sitting room. This was because I wanted the kitchen to be a sort of living room as well as a kitchen and so I needed it to be large. I also insisted on low level units so that I could put up pictures and other artefacts on the walls and have a comfy sofa in there," she explained.

Lesley's biggest extravagance though was an electric Aga, which cost £12,000. "Again, everyone said I was mad," recalled Lesley. "But I'm so glad I stuck to my guns, because I love it. Although the initial outlay was very costly, it fires up on economy seven overnight and in summer you can turn it off because it has an electric module. It really is all the heating I need for the house. I also didn't want oil because then I would have to find a space for the tank and run the risk of it running out at an awkward moment, which has happened to me in previous homes."

One of the major changes Lesley and Pat made to the original plans for the house was to have a huge central hall with a gallery, and floor to ceiling windows with a glass roof. "It really is a lovely feature and keeps the house light even in Winter," says Lesley. "My younger grandchildren also love it because it is a great open space to play in and they love pushing

their prams around and calling down from the gallery windows above."

As well as project managing the house, Lesley carried out a lot of the labour herself. "My advice to other would-be selfbuilders is, don't pay someone to do something you can do yourself. I only paid crafts people and managed all the painting and woodwork of both the interior and exterior myself. I really enjoyed being part of the whole process and particularly enjoyed choosing paint colours – although, in general, I've gone for neutral backdrops, because being a bit of a clutter person, busy wallpaper would never work for me!"

For the exterior Lesley settled on wood cladding. "That was the one thing I wasn't very keen on at first," says Lesley. "Because I imagined it could only be painted white or black but actually in the end I found a grey blue made by Tikkurila, which, actually, I really love now. In fact I made blue-grey-cream my colour scheme for the whole house."

Looking back, Lesley feels she did make a few mistakes with the build. "My biggest one was being in too much of a hurry," she says. "Which meant I had to forgo having a cellar built, which, in hindsight, would have been a great use of space and a brilliant place to hide clutter. I also wished the roof wasn't quite so sloping as it is impractical for storage because it is hard to find wardrobes of the right size to

Continued on page 15...

‘My advice to other would-be selfbuilders is, don't pay someone to do something you can do yourself’
– Lesley Wymer



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tel: 01572 725512



Enq. 113



Lindab

Lindab's Rainline rainwater system was recently specified by Forfar based @rchitects Scotland Ltd for an exclusive development of three super insulated, low energy timber frame town houses at St Rules Boatyard, St Andrews in Fife, Scotland. These luxury townhouses close to the famous St Andrews golf course are set in a conservation area, have sea views and overlook the harbour. For the main construction, prefabricated closed panel timber kits were used with cladding to the front elevations. For the rainwater gutters and downpipes, Lindab Rainline in an Aluzinc coated finish was specified, because, as project architect Paul Fretwell said, "Rainline was the ideal product to help with our environmentally friendly build – it has the lowest carbon foot print and aesthetically, it is very pleasing to the eye in what is a conservation area. Importantly, its Aluzinc coating will ensure its long term performance within a coastal environment." Combined with high performance and competitive pricing, Rainline is one of the most effective solutions for the control of rain drainage on all types of buildings. Manufactured from high quality steel, a high percentage of which is recycled material, Rainline offers minimal thermal movement and UV stability. It will not crack, fade, blister or peel, is highly resistant to corrosion and virtually maintenance free.

Enq. 114

Whole House Ventilation with Heat Recovery...



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- Virtually silent operation
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- Reduces heating bills
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- Conforms to Building Regulations
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Rega's unique WhisperFlow® technology ensures that even when operating at full 'Boost' mode (usually during the morning bathroom rush hour!) the system remains whisper quiet - unobtrusively and effectively venting stale, damp air, replacing it with air that's been gently warmed and filtered.

Low energy DC fans, insulated ducting and a high efficiency heat exchanger also ensure that power usage and energy losses are kept to an absolute minimum.

RegaVent systems are designed and built here in the UK, to our own stringent quality assured standards, you can be sure that your RegaVent system will give you the optimum balance of a technical specification that's exactly right for the UK climate, coupled with low energy consumption - for lower heating bills!

Rega Vent

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fax: 01767 600487 email: sales@rega-uk.com

Call us on **01767 600499** or visit **www.regavent.co.uk**

Enq. 115

fit." Her favourite item, though, is a colourful splashback piece of fused glass behind the aga, which she picked up at the self build exhibition in the O2. "The striped fused glass splashback was made by a wonderful craftsman from St David's called Rupert Scott and it has the most amazing vibrant colours!" she enthused.

However, all in all, Lesley is delighted with her new home. "When the family came at Christmas the dining hall and galleried area really came into its own," she said, "and contrary to what everyone thought, I really loved building my own house, in fact, so much so, I'm even consider embarking on another project, if I can find a suitable plot in the area, only this time I will make sure I take my time!"

project costs

Overall cost of land: £350,000

Overall cost of project: £300,000

Value of property now: Circa £600,000

What was the high point of the project?

"Having the family for lunch at Christmas in the lovely galleried dining area."

The low point was:

"Realising that I couldn't fit a cellar in."

Contacts

- Architect: Andrew Goodman of Good Architecture www.goodarchitecture.co.uk
- Kitchen units: Wickes www.wickes.co.uk
- Beams: Masonite www.masonitebeams.co.uk
- Doors and staircase: Castle Joinery
- Frame and insulation: Touchwood Homes www.touchwoodhomes.co.uk
- Interior builder: Ian Felstead
- Heat recovery system: Rega www.rega-uk.com
- Guttering: Lindab www.lindab.co.uk
- Interior paint: Farrow and Ball www.farrow-ball.com
- Windows: www.Profin.fi
- Wooden flooring: Direct Carpets
- Rainwater harvester: Broadway Systems www.broadwaysystems.co.uk
- Stove: Clearview www.clearviewstoves.com
- Solar panels: Navitron www.navitron.org.uk
- Aga: Aga www.aga-web.co.uk
- Roof tiles: Ridgeons www.ridgeons.co.uk
- Bathroom equipment : Direct Bathrooms & Tiles www.directtilesandbathrooms.co.uk
- Exterior wood preserve/paint: www.tikkurila.com



THE WALLS IN THE MASTER BEDROOM ARE PAINTED IN 'VERTS DE FERME' BY FARROW AND BALL

Tarmac



If the thought of fixing a wobbly patio or levelling an uneven floor leaves you in a cold sweat then you're not alone. Millions of Brits are throwing away thousands of pounds every year by paying external workmen to do jobs they could easily tackle themselves.

To help DIY novices, Tarmac have launched their new and revolutionary range of U-CAN products, available in B&Q stores nationwide.

The company is also searching for the UK's worst DIY dodgers, name and shame them and you could win £1,000 B&Q vouchers

tarmac@conect-group.com **www.u-can.tv**

Enq. 116

IronmongeryDirect



The brand new Spring/Summer catalogue issue 82 is out now and it's bigger than ever! With over 1,000 great new products added, all ironmongery products now come with a minimum five year guarantee – as standard. The latest 800 page catalogue is packed full of unbeatable value for the tradesman. By listening to customer feedback, IronmongeryDirect has selected many more new products for the tradesman including an exclusive range of Ducasse sliding door systems with a 25 year guarantee, a huge range of Jedo dark bronze door and window hardware and Croydex Flexi-Fix bathroom ranges.

Tel: 0808 168 28 28 **www.IronmongeryDirect.com**

Enq. 117

Dickies



UK Worker of the Year, Dickies' initiative to recognise and reward excellence in the UK's workforce is well underway for 2012 – with the entry period having now reached the halfway stage. The world-renowned workwear brand, celebrating its 90th birthday in 2012, is joined in this year's nationwide search to find the worker who exemplifies everything that embodies "doing a great job" by car manufacturer SEAT, which is providing the prize for the winner of the title. The

year's prize is certainly the most attractive yet: SEAT's flagship saloon model, the luxurious new 1.43PS Exeo S Ecomotive TDI, which as well as being brilliantly equipped, boasts a CO₂ rating of just 117g/km.

Enq. 118

Everbuild Building Products



Wonder Wipes have long been the first choice wipe for the nation's tradesmen and DIY'ers. In addition to the hugely popular original multi-use Wonder Wipes and heavy duty Wonder Wipes, the range now includes glass & shiny surface Wonder Wipes and home & garden Wonder Wipes. Wonder Wipes have always been the wipes that work, and now they work in the garden and on glass too! New glass & shiny surface Wonder Wipes are a specially formulated industrial strength wipe designed to instantly clean glass and other shiny surfaces without leaving a smear.

Tel: 0113 240 3456 **www.everbuild.co.uk**

Enq. 119



Swish Building Products

Swish Building Products offers a range of 'over' fascia ventilators that provide unobtrusive roof ventilation replacing the need for vented soffit. Available in 10mm and 25mm options, these offer clean unbroken sight lines to the roofline. The Swish ventilators offer complete compliance with Part F of Building Regulations for England and Wales. Under these regulations roofs with a pitch between 15° and 70° and insulation at ceiling level require a 10mm air path at the eaves, while flat roofs or pitched roofs with the ceiling following the plane of the roof require a 25mm air path at the eaves. Greg Wilde, Swish Building Products, said: "There is huge focus on insulation and energy efficiency but adequate ventilation, particularly in roof space, is of critical importance if condensation build-up and all the problems that go with it are to be avoided." The Swish systems are available in one metre lengths and interlock for a quicker and more efficient installation. They are also substantial enough to take the weight of the bottom row of roof tiles and restrict the ingress of insects and small birds without restricting airflow. The Swish ventilators also meet the current edition of BS 5250:2002 governing ventilation, as set out in building regulations for Scotland and Northern Ireland. For more information on Swish's full range of rainwater, roofline and cladding products visit the website or call.

Tel: 01827 317 200 **www.swishbp.co.uk**

Enq. 120



Copper Development Association

Specifying the right building material involves a complicated decision-making process and is fundamental to the success of every construction project. The products you use need to meet the highest standards of quality and, more importantly, they need to be materials you can trust. Copper pipework services have been in widespread use for decades: proven performance that demonstrates copper has a pedigree unsurpassed by any other pipework material. Copper gives you versatility, performance and confidence. In today's more environmentally-conscious world, copper is a product that not only offers excellent health benefits, but can also be recycled at the end of its useful life to help conserve the planet's natural resources.

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Enq. 121



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Reader
Enquiry
122



Scan the code to visit our website

Colorcoat Urban[®] is a trademark of Tata Steel UK Limited

For more information contact:

T: +44 (0) 1244 892449

E: colorcoaturban@tatasteel.com

www.colorcoaturban.com

Simpson Strong-Tie



Simpson Strong Tie has added another revolutionary time saving product to its expanding portfolio aimed specifically at the building trade with the introduction of the Toothed Thin Coat Bead (TTCB). This latest addition to the company's thin coat bead range is unique in that it needs no nails or screws to install it – all it requires is a push and tap into place for a firm fit to the plaster board. TTCB is also easy to dismount and reposition without damaging the bead or plaster board and can be

used for traditional fixing methods in awkward areas. It comes in three different lengths – 2.4m, 2.7m and 3.0m.

Tel: 01827 255600 www.strongtie.co.uk

Enq. 123

Snickers Workwear



To compliment its new App, which is available through the iPhone marketplace, Snickers Workwear has just launched its new website. Check out www.snickersworkwear.co.uk for the latest information on the complete and extensive range of working clothes and accessories for discerning tradesmen and women. It's user-friendly site with all the product, colour and sizing information you'll need to select precisely the right garment and accessory to get the job done. There's trousers, tool-

vests, kneepads, jackets, shirts, fleeces, undergarments, socks, gloves, tool-carriers and accessories – literally hundreds of different garments, colours sizes and accessories to choose from.

Enq. 124

IronmongeryDirect



The new IronmongeryDirect catalogue 83 offers an extensive choice of over 13,500 high quality ironmongery products. With more than 1,000 great new additions, all ironmongery items now come with a minimum five year guarantee – as standard. Order the latest catalogue with over 800 pages packed full of unbeatable trade prices. IronmongeryDirect, mail order supplier of ironmongery products to the trade, has a huge choice of building and maintenance solutions all ready for

same day dispatch. For many tradesmen, leaving the site to source the correct hardware products can cost time and money; that is why IronmongeryDirect provides a reliable next day delivery service.

Enq. 125

Remmers



With the increasing demands for the safe disposal of packaging, Remmers continue to lead the way in innovative packaging solutions by reducing the impact on the environment when it comes to disposal. The task – how can we make mixing resins and hardeners 'fool proof'? The solution is brilliantly simple – deliver the products in a multi-chamber bag. With this new bag, mixing errors are now impossible. The components are packaged in the current mixing ratio in a single plastic bag separated by a plastic clip which, when removed; the two components can be safely and cleanly mixed by kneading. It takes less than 60 seconds.

Tel: 0845 373 0103 www.remmers.co.uk

Enq. 126



British Ceramic Tile

British Ceramic Tile has launched its most extensive collection of coloured ceramic wall tiles to date with the introduction of The Colour Compendium. Designed and made right here in the UK, this new collection 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 on-trend 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 also complemented by a scored option enabling a mosaic effect to be created – helping to keep installation costs to a minimum. Sheila Elliott, creative director at British Ceramic Tile, says: "The latest colour trends in interior design have been a key influence in the creation of this collection, allowing us to provide customers with a rainbow of shades that are very much of the moment, yet we have still taken into consideration more traditional and conservative tastes. There is a huge choice of colours from bold, zingy brights and fashion shades of teal, cobalt blue and aubergine through to a selection of soft pastels and neutrals."

Tel: 0845 6187 148 www.britishceramictile.com

Enq. 127



Shades Bathrooms

New for 2012, Shades Bathrooms has introduced a number of products to its existing collection of high quality fitted and modular bathroom furniture. Designed to provide a stylish storage solution, the new ranges are also extremely affordable.

Based on emerging trends, the additions include nine new doors that range from classic designs such as Rovigo, a fitted shaker oak timber door through to Lonigo, a handleless modular design that delivers the ultimate in contemporary styling.

To complement the new fitted furniture, Shades has also introduced a brand new range of affordable solid surfaces and handles that provide the perfect way to add a touch of luxury to the overall design.

To help support the launch of all its new products with its retail customers, Moores is introducing a new compact display stand that will assist showrooms in displaying the growing ranges on offer from Shades, in a compact and space saving way.

Tel: 01937 842394 www.moore.co.uk

Enq. 128

Snickers Workwear



With a contemporary design and cosy comfort, this durable Hoodie is great for all trades on-site.

It's made from a three-threaded fabric for extra ruggedness with an adjustable drawstring hood and also features patented MultiPockets™, two smart side pockets, perfect for a mobile phone or glasses plus a guided wire system inside to protect your audio cables.

With top quality Snickers embroidery on the front, it also has reinforced elbows and is available in a wide range of sizes in black, blue, white or khaki.

Enq. 129

Francis Pegler

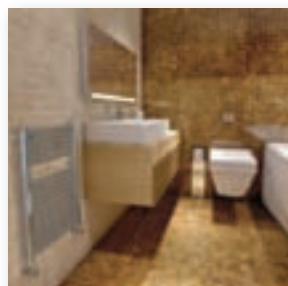


As European boutique style bathrooms become increasingly popular, the manufacturers behind the renowned Francis Pegler range have incorporated concealed bathroom systems plus increased its tap collections to satisfy demand. The Francis Pegler Bathroom tap range has now been classified into three distinct categories: Designer, Modern and Traditional. Each category boasts a comprehensive range of taps that reflect the section in which they sit. The three new ranges: Adorn, Manta and Strata Blade are featured within the Designer and Modern collections.

Tel: 0844 243 4400 www.pegleryorkshire.co.uk

Enq. 130

Stelrad



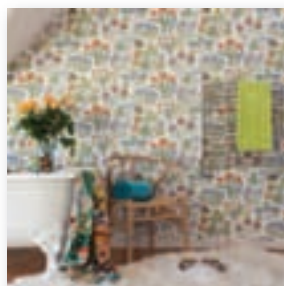
Perhaps best known for their steel panel radiators, Stelrad also offer a wide range of contemporary and designer radiators and towel rails – there's one for every application around the home.

From premium panel radiators, to towel rails – there's an option for your perfect bathroom – and because it's from Stelrad, you know it will be available, reliable and value for money.

Tel: 0870 849 8056 www.stelrad.com

Enq. 131

JIS Europe



JIS Europe of Haywards Heath has introduced a heated towel rail to its Sussex range named The Camber. The towel rail is manufactured with a gently curved front and in an elegant round section shape with twelve horizontal rails giving an appearance of refined luxury with ample choice for towel hanging. The Camber is supplied in three sizes all 700mm high with widths of 400mm, 520mm and 620mm. It can be used in dual fuel formats or electric, which will allow the rail to be heated when the central heating is turned off. The Camber towel rail is manufactured in 100 per cent stainless steel.

Tel: 01444 831200 www.thecoastalrange.co.uk

Enq. 132



Showerlux

Renowned for luxury shower enclosures, Showerlux UK is introducing a new legacy its collection. Designed with the same level of quality and craftsmanship that's come to be expected from the leading bathroom brand, the Legacy range offers one difference – a lower price point. Available in an extensive range of differing styles to suit every bathroom, Legacy has been generously designed with complimenting finishing touches – from the chromium plated, ergonomic European handle design to the ultra smooth closing of the enclosure doors. Perfectly formed as a space saving solution, Legacy Quadrant, Legacy Pivot and Legacy Offset Quadrant have all been cleverly designed to offer a spacious showering experience while occupying a small amount of wall space. With smooth rolling/soft hinged doors, each solution has been carefully crafted to give the ultimate luxury showering experience. Designed for recess situations, Legacy Bi-fold features an innovative hinge system that's perfectly balanced to create a smooth opening and closing action – making it ideal for any awkward space.

Tel: 02476 639400 www.showerlux.co.uk

Enq. 133

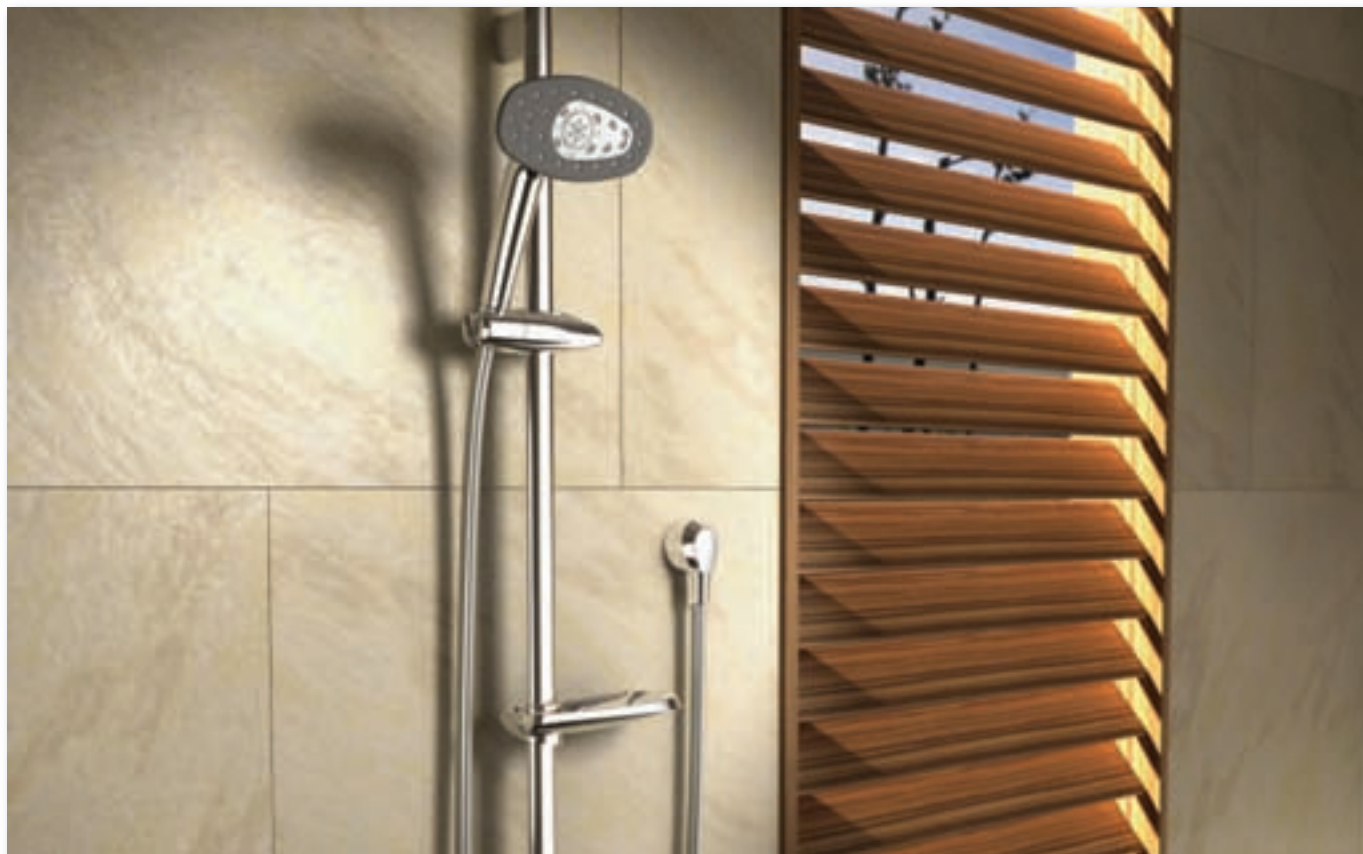


Gerberit

What could possibly improve your bathroom experience at home? A feeling of total tranquillity? Five extra minutes to yourself or the latest must-have appliance? Already making waves across Europe, the Geberit Aqua Clean, the WC that cleans you with water, is taking bathroom technology and hygiene to a new frontier. Hiding advanced technology within an elegant Nordic inspired design, the Geberit AquaClean 8000plus provides an instant feeling of cleanliness. Effortlessly easy-to-use, you'll wonder how you ever did without it. Sit back and relax as an ergonomically designed soft-close seat provides you with the most comfortable sitting position possible. Easily adjustable cleaning functions and a gentle warm air drying system ensure there is a combination of settings for everyone in the home. Simply pressing the easily located button initiates a gentle spray of water, at a comfortable temperature and at your chosen comfortable pressure. The shower nozzle is automatically cleaned with fresh water before and after each use, while the special ceramic surface has dirt-repellent properties making the Geberit AquaClean 8000plus extremely easy-to-clean.

Tel: 0800 032 9629 www.i-love-water.co.uk

Enq. 134



Water efficient showering

Steve Lee, CEO Methven UK, discusses the importance of choosing the perfect shower system to save on energy, while also being more effective

With ever-increasing water bills and the move towards water meters being installed in homes across the UK, the time spent relaxing in the shower is becoming increasingly valuable. According to recent studies conducted by OFWAT (Office of Water Services), the average shower lasts around eight minutes and the UK family's water bill is over £350 a year.

The social pressure to be eco-friendly and environmentally aware is also growing. Falling behind other countries on water efficiency has alarmed official bodies, who predict the nation's water bill to be doubled by 2022. In order to avoid expensive water bills and the unnecessary cost of switching to meters in the future, it is important for people building their dream home or renovating bathrooms to consider installing water-saving technology and cutting down their water usage as soon as possible.

Climate change is also an important issue that needs to be taken into account. Due to factors such as dry winters, water leakage and growth in population, the UK's water consumption

is higher per person than our neighbouring countries, such as Holland (128 litres/c/d) and Germany (122 Litres/c/d). In 2011 we received just two thirds of our average rainfall, resulting in the biggest drought in a decade. As a result of this, parts of the UK experienced a hose pipe ban with strict penalties for anyone failing to adhere.

The Environment Agency states that we use 150 litres of water per person per day in the UK, of which around 60 litres is used for showers. This equates to over one third of our daily water consumption, so efficient showering is of paramount importance.

There are many simple ways in which water usage can be reduced by changing our showering habits, such as spending less time in the shower. However, in a more concerted attempt to support sustainable living, manufacturers are bringing out new and innovative showering products, which are neither costly to consumers nor to the world's water supply.

The key to encouraging the use of water saving

The UK's water consumption is higher than our neighbouring countries

showers is to ensure that the showering experience is not diminished in any way by these new features; a fine balancing act that is key to the longevity of these products and underlining the environmental impact of our showering habits. After all, modern showering is much more than just a practical activity. Whether it's to kick start your day or to allow you to unwind and relax after a stressful long day, the showering experience

Contrary to some people's opinion, eco-friendliness and water efficiency don't have to be dull and unattractive...

can be perceived as a moment of either tranquillity or invigoration.

Many bathroom suppliers are introducing new products to the market such as water-saving flow restrictors and aerated shower heads, water trackers and pre-timers – just to name a few. With the government planning for most homes to have a water meter installed by 2020, companies aren't persuading consumers to restrict their use, but they are helping them reduce the water they waste.

One country that has championed the use of water saving showers is Australia. With rising problems from water shortage, there were many different water sustainability programmes put in place to tackle this problem nationally. To contribute to these programmes, technologies such as Satinjet® were designed to help businesses and consumers decrease the amount of water flow in the shower. In turn, the effects would subsequently decrease water and energy bills.

There is not only conventional and aerated shower sprays, some showers use twin jets of water that collide and turn into thousands of tiny droplets to provide a quality shower that will cleanse your entire body but feel soft to your face. Already a hit with spas and beauty salons in New Zealand, Australia and the US, this type of Shower, in particular, delivers a truly holistic, life-enhancing showering experience.

Contrary to some people's opinion, eco-friendliness and water efficiency don't have to be dull and unattractive. Many shower ranges can be used in a stylish setting to help enhance the look of your bathroom.

Many selfbuilders are fast becoming part of the shower-efficiency revolution. It is now more important than ever to join the communal effort to decrease water usage through new homes and bathroom renovations. Investing money in these new technologies allows you to get the best out of your bathroom while also safeguarding the world's water supply and subsequently improving our planet's natural resources. Not to mention reducing your water bills!

Enq. 135



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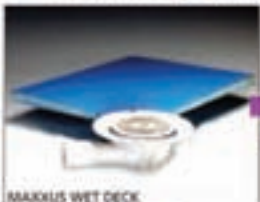
www.nationalplastics.co.uk

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Enq. 139

Protec



Protec have launched a dust barrier for doorways, knocking down overheads and building reputations. In under a minute the new ZipDoor dust barrier can be fitted to a doorway to seal a room and immediately contain all dust, dirt and its subsequent clean-up time and costs. ZipDoor is quick and easy to fit to a doorframe using specially designed double sided tape and features glued-in zips and recyclable heavy duty polythene to create a quick and secure dust barrier. The product is

designed specifically to aid dust containment in construction, refurbishment, and maintenance settings.

Tel: 0800 834 704 www.protection.co.uk

Enq. 140

Ventrolla



Ventrolla Hereford, Worcester and South Wales has completed a hat-trick of window renovations to help customers preserve their sashes. Firstly, an Abergavenny based chartered building surveyor turned to Ventrolla to upgrade the sash windows in his Georgian home, after working with them on a number of restoration projects in his professional career. With over 20 years experience as a surveyor for listed buildings, Mark Nicholls had been previously

impressed with Ventrolla's service. Mark said: "I am a strong believer in restoration over replacement, especially to preserve the character of period homes, so it's good to work with a company that shares the same ethos."

Enq. 141

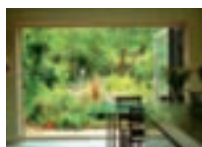
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Enq. 142



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Enq. 143

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Enq. 144

Garador

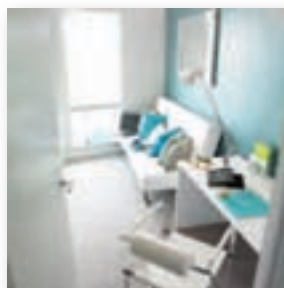


Garador has taken the design of the garage door one step further with the launch of its new range of 'Design Doors', which gives a whole new design choice for the outside appearance of properties. The range includes nine stylish designs of subtle circular and square shapes which are available on Garadors 'Design Range 100' – horizontal panels or 'Design Range 200' – vertical panels. And, with a choice of eight colours, white, black, green, blue, steel blue, brown, red and titan metallic, the Garador Design Range offers something for everyone, and will compliment the exterior of any home.

Tel: 01935 443722 www.garador.co.uk

Enq. 145

Vicaima



Vicaima's new Just White entrance door systems have been chosen by Bellway Homes for City View, the company's latest landmark development in central London. City View's contemporary design incorporates quality fittings as standard and 50 of Vicaima's Just White superior finish edge banded entrance doorsets have been used throughout the development. These were supplied fully assembled, including oak thresholds complying with DDA requirements, and have grooved

faces. All have PAS 23/24 security ratings and are fitted with Winkhaus AV2 3 point security locks, anti-bump thumbturn eurocylinders and stainless steel security escutcheons.

Enq. 146

FOLDING DOORS SLIDING DOORS DOORS & WINDOWS

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Enq. 147

High Efficiency is the new standard.



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This is because from 2013 onwards, the European Eco-Design directive (EC ordinance 641/2009) for “energy-related products”, ErP for short, will impose increasingly stricter requirements EU-wide for the energy efficiency of glandless pumps. Due to the ErP Directive, only extremely power-saving, high efficiency pumps may be used, such as the new standard high efficiency Wilo-Yonos PICO. Not only does the environment profit from this, but also the building owner receives a lower electricity bill. The change to this new, efficient pump generation is future-proof and therefore even in the short term would be a worthwhile investment.

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Enq. 148

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Enq. 149



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Enq. 150

Q Lawns



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Green roofing brings all sorts of benefits such as insulation against heat, cold or noise, improved rainwater management, aesthetic interest and of course wildlife habitat.

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Enq. 151

Drugasar



The Metro 130XT is part of a series of contemporary gas fires that allow you to design the fire to suit your living room. It is a balanced flue gas fire, so it can be installed with or without a conventional chimney. At 1.3 metres wide, with a high window and generous heat output, it is suitable for larger living spaces. It is available with a choice of rustic logs, birch twigs, Carrara white stones or Greystone pebble fire beds. The interior can be smooth black or black Ceraglass, a mirror-like material, which gives extra dramatic depth to the flame picture.

There are five different versions of the Metro 130XT.

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Enq. 152



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Enq. 153

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Enq. 154

Specflue launch Green Square range

Last month's Hearth and Home exhibition at the Harrogate International Centre saw the official launch of Specflue's impressive Green Square renewable energy product range. This complements Specflue's already hugely successful flue and chimney business.

The Green Square product portfolio offers a fantastic range of MCS approved renewable energy products including pellet stoves, biomass boilers, solar thermal, heat pumps and the impressive new Xcel Heat Bank (thermal store) technology. Coupled with Specflue's recently opened renewables training centre, this makes Green Square an ideal proposition for those in the solid fuel market, who are keen to explore other opportunities and extend their knowledge in the latest technologies. The main focus of Green Square is to provide trade professionals with the ability to design, specify and supply the latest

renewable technologies.

Richard Hiblen, Specflue's national sales manager, explains Specflue's reason for diversifying: "The government and consumers alike have started to recognise the problems associated with a rapidly changing world and people's continuous reliance on gas and oil. Consumers are starting to look towards renewable sources of energy, which offer both a carbon reduction and increased energy security. Our comprehensive Green Square product range is recommended by retailers throughout the country. As a company, Specflue have the technical expertise and product knowledge to advise consumers and installers on the renewable energy market and associated products."

To accompany Green Square's product portfolio, and reinforce Specflue's passion to set and lead the way in producing the next generation of solid fuel and renewable technology installers

and specialists, Specflue have invested in a modern, purpose-built renewables training facility at their head office in Sudbury. The facility offers a wide variety of renewable courses, a number of which are BPEC accredited.

Jed Smith, Specflue's training manager, highlights: "Through our expansive renewables course portfolio, both installers and retailers find our renewables training centre, a valuable resource for updating their product knowledge and achieving relevant qualifications. Specflue, via our new Green Square product range, offers a truly one stop service for renewable products, advice and training."

Enq. 155



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Enq. 156

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SELFBUILD
BY CONTRACT & ALUMINIUM LTD

Enq. 157

You're at home with Colonia



Polyflor has launched the Colonia Flooring Collection, an affordable and design led luxury vinyl tile range designed for the housing sector. The range reflects the undoubted natural beauty of wood and stone with a creative range of authentic products, paying attention to the smallest detail.

The 10 wood decorations feature classic and on-trend varieties of wood types, including oak, walnut, maple, elm and alder. Detailed and accurate timber variation, grain and knots are sympathetically represented with this unique range. Eight stone designs comprise contemporary limestones, rustic cottage and millstones, glazed ceramic effects and high-design slate finishes.

"This collection elevates our housing sector offering and replaces the previous Homeline range," explains Simon James, Polyflor's marketing manager. "We have carried out extensive design, trend and performance research to ensure we offer a range of beautiful, desirable, practical and affordable floorcoverings. We have also invested heavily in stunning photography and marketing collateral to showcase the visual impact and design flexibility that Colonia has to offer."

Polyflor has developed a wide range of accessories to complement any flooring design and create a unique, enhanced effect. Colonia

Grouting Strips are available in five coordinating and realistic stone grout colours while four Marquetry Strips have been introduced to help create that authentic and highly desirable detailed wood floor installation. For a bolder, more graphic look, Colonia Feature Strips are available in seven solid colourways.

The Colonia Flooring Collection features Polyflor's unique polyurethane surface treatment to assist ongoing maintenance and keep the floor looking good for longer, while reducing life cycle cleaning costs. A seven-year product guarantee comes as standard.

Achieving BRE A Global certification (ENP 429) for domestic use and an Indoor Air Comfort Gold standard from Eurofins, Colonia reflects the overall environmental pedigree of Polyflor's LVT portfolio. The range is also 100 per cent recyclable and contains recycled material.



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Enq. 158



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Enq. 159

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Enq. 160

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Enq. 161

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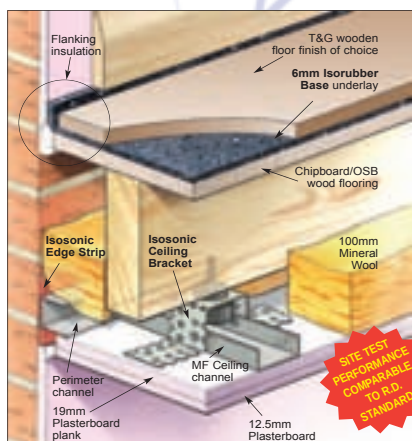
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Enq. 162

new improved **Isonic Timberfloor**

FLOOR SOUND INSULATION SYSTEM FOR REFURBISHMENT



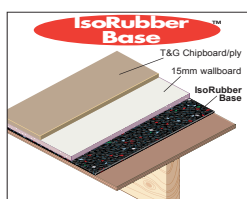
- ✓ Site tested performance in excess of the Building Regulations (ADE) requirements
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- ✓ New improved performance **Isonic Ceiling Brackets**
- ✓ Unique isolating ceiling hanger system

Further improvement in airborne sound insulation can be achieved by the addition of 15mm wall boards (see below)

TYPICAL ON-SITE ACOUSTIC TEST DATA

	Dntw + Ctr Airborne Sound	Lntw Impact Sound
Newbuild	45 dB minimum	62 dB maximum
Refurbishment	43 dB minimum	
18mm Chipboard over Isorubber Base	50	56
Laminate floor over 18mm chipboard over Isorubber Base	51	54

Thermal Economics
Thermal & Sound Insulation Technology

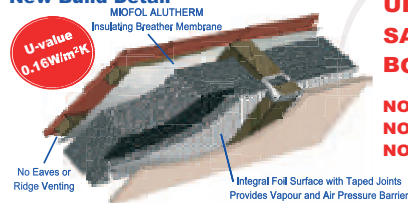


ALREFLEX RAFTER THERM

New Build & Refurbishment

Non Ventilated Roof Insulation System

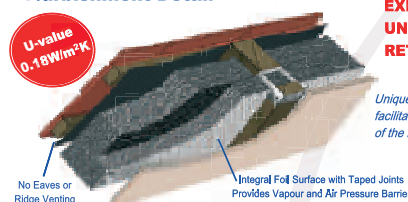
New Build Detail



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NO RIDGE VENTS
NO VENTILATION VOID**

Refurbishment Detail



EXISTING TILES AND UNDERLAY CAN BE RETAINED

Unique Raftertherm Bracket facilitates the easy fitting of the insulation and batten.

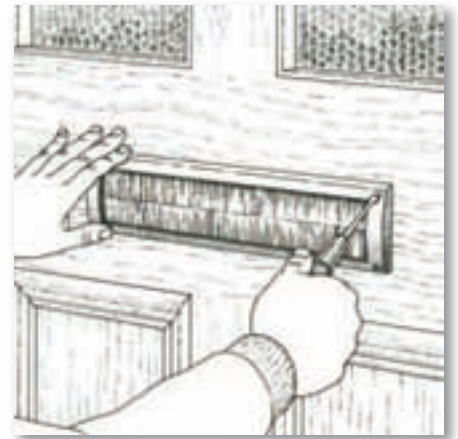
The below U-values are achieved in new build constructions comprising 150mm Raftertherm at 600mm Centres and in refurbishment constructions comprising 100mm Raftertherm at 400mm Centres.

	New build		Refurbishment	
Alreflex Raftertherm Inter-Rafter Layer Board Type S	125mm	125mm	75mm	75mm
Alreflex Raftertherm Under Rafter Layer Board Type A	40mm	25mm	75mm	55mm
U-value (W/m²K)	0.16	0.18	0.18	0.20

Tel: 01582 450814 Web: www.thermal-economics.co.uk e-mail: info@thermal-economics.co.uk

For new build timberfloor details refer to our Isonic Timberfloor Brochure

Enq. 163



Draught proofing aids sustainable development

By Leonie Onslow,
Draught Proofing Advisory Association

Insulating your property is certainly not big news, but those involved in self build projects are beginning to appreciate the benefits of constructing a building that is not only warm and comfortable, but also has lower fuel bills.

The future of the UK's self build market is increasingly likely to encompass sustainable housing with low running costs, at the same time preserving the environment in which we live and work, while conserving precious resources.

When planning a new building, consideration has to be given to energy efficient design, adhering to the government's national Code for

Sustainable Homes, which gives a one to six star performance rating, based on a whole-house sustainability approach. The self build market predominantly aims for higher levels in order to differentiate their housing from mainstream construction and endeavours to reach a zero carbon emission rating.

The UK government is increasingly setting energy efficiency and carbon emission reduction targets, lessening its reliance on fossil fuels, and stabilising security of energy supply. The Office of Energy Efficiency Deployment was established in February 2012 to encourage energy efficiency, and reduce barriers to their take-up.

Much consideration has to be given to all the areas of heat loss. One area, which is often overlooked, is via the gaps around doors and windows. Although draught-proofing products may have been built into new windows and doors, other sources of heat loss probably exist. There may be gaps around window and door reveals (particularly where allowance has been made for differential movement), loft hatches, skirting boards, between floorboards, around letterboxes, and keyholes. Draught proofing is compulsory in new buildings under Building Regulations, Part L, and should be a basic requirement within all retrofit energy efficiency works.

Since 2006, the Building Regulations in England and Wales have stipulated compliance to air leakage standards with an air permeability test result of no greater than $10 \text{ m}^3/(\text{h} \cdot \text{m}^2)$ at 50 Pa in new properties. Where buildings are otherwise well-insulated (walls, roofs, etc) draughts can be drawn to any gaps, particularly on windier days, accounting for significant heat and carbon dioxide loss.

Draught proofing is one of the simplest, easiest and most cost effective methods of insulation, which is designed to reduce or eliminate draughts or heat loss from a building. Even a relatively small gap can allow huge amounts of heat to escape. For instance, a gap of just 5mm, commonly found under a domestic door, can allow 80 cubic metres of air per hour to flow out. If the building is otherwise well insulated, gaps around these openings can draw out the heat. Good quality draught proofing

Draught proofing is one of the simplest, easiest and cost effective methods of insulation

products should be used, together with professional installation by a trained installer with the skill to ensure the correct product is used for the application.

When refurbishing properties, property owners will be able to take advantage of the government's Green Deal scheme, due to start October 2012. Finance will be provided upfront for insulation upgrades (including draught proofing). Homeowners and businesses can take advantage of this scheme, with the loan being repaid via the resultant savings of energy bills. The loan is fixed to the property and not to the householder.

The national trade association representing the draught proofing industry is the Draught Proofing Advisory Association (DPAA). The association urges self builders and property renovators to incorporate draught proofing products into their projects as soon as possible to reduce energy bills, the carbon footprint and environmental impact. Properties are likely to be more saleable following good insulation and draught-proofing and can be marketed in the future with an improved Energy Performance Certificate.

Manufacturer members of the DPAA supply quality BS-approved products, which are designed to last. Inferior products can compress over time becoming less effective.

There is a wide range of draught proofing products available composed of diverse materials, types of strip, fixing methods and operation. Domestic products include compression seals, which seal the gap on closing between fixed and moving parts. These are available for windows and doors, letterboxes, catflaps and keyhole draught strips. Products for unusual applications can be custom-made. A product register is freely available from the DPAA website.

There should be some allowance for ventilation, particularly for fuel burning appliances, and in rooms where there is excessive condensation build up, e.g. bathrooms and kitchens. In new and retrofit situations it is most important to check that vents and airbricks are not obstructed in any way prior to the draught proofing installation, preferably by a properly trained installer.

Company literature is available free from member manufacturers, together with stockists. Literature on draught proofing applications and a list of draught proofing installers is readily available from the Draught Proofing Advisory Association.

Enq. 164



DRAUGHT PROOFING TO THE BOTTOM OF A DOOR

Beko



Beko, one of the UK's leading suppliers of domestic appliances, has announced two new additions to its energy-efficient integrated refrigeration range. The two new products – the BL77 Integrated Tall Larder and the BZ77F Integrated Frost-Free Tall Freezer are available now.

Both the larder and the freezer carry an A+ energy rating, demonstrating Beko's on-going commitment to the supply of the highly energy-efficient appliances, which today's builders,

specifiers and homebuyers demand.

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Enq. 165

COMPAC



TREND is a new, innovative technological quartz worksurface and flooring range from COMPAC available in five timeless cool grey colours designed to complement each other or look equally as stunning by themselves.

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tribute to an equilibrate feeling.

TREND sets the trend by offering the discerning homeowner the opportunity to transform any kitchen or bathroom into something really quite special.

Enq. 166

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KNAUF INSULATION
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Enq. 167



Heart of the home

Crown Imperial gives selfbuilders tips on shape and style for their kitchens

The way we live our lives has changed hugely over the past 20 years. Today's kitchen demands a multifunctional zone that needs to be designed for socialising, cooking and eating in. As kitchens continue to play a multi-purpose role in the home, creating separate, distinct zones will keep a sense of order and create boundaries. A kitchen essentially needs to be practical and simultaneously comfortable and inviting, and an island provides a very fashionable feature in the modern kitchen. There is a current trend for making living spaces more versatile and open plan living gives a fluidity to entertaining, with the kitchen at the heart of it. An island provides a very useful feature in this type of kitchen, introducing both a focal point and workspace for meal preparation while, with good planning, seamlessly integrates with the dining area.

An island unit is a functional design tool for zoning an open plan room. These compilations are perfect for utilising an array of kitchen utensils, while creating a more sociable space for guests and family. An island itself can be multifunctional by incorporating cabinets on both sides for additional storage, in the dining area for special crockery and essential glassware and cutlery. An island can also serve as a wash-

ing station with a preparation sink or house a chopping area or warming drawers. Islands create extra worktop space and can also incorporate storage, a breakfast bar or feature appliances such as a fridge, wine cooler or hob.

Creating a sociable space for guests and family. Look at styles that suit you and your home

Considering the size of the island will be one of the most important decisions. If it's too big for the existing space it can become a hindrance having to walk around it all of the time to use various functions. An island works well in L shaped kitchens and in U-shaped kitchens that are more than 16m². Essentially you need a minimum of 900mm aisle space between each

side of the island and between an appliance, sink or cabinet, 1,200mm x 900mm is popular overall size with many work surfaces available in 900mm widths.

As a standalone piece of furniture, an island also offers an opportunity to use colour to contrast with the rest of the kitchen and break up the space by using a second colour or combine with a wood finish. Choosing a different material for the worktop can also create a striking feature. A wide range of styles that marry colours from bold tones to pastel shades and a wide range of materials from contemporary super gloss colours to muted painted woods, all make for a truly individual look.

With dozens of styles to choose from, from contemporary high gloss to traditional country style solid wood painted finishes, it's always wise to start by looking at styles that suit your home and its style.

Looking at different kitchen styles, colours and storage options will help you to get an idea of your own preferred style and colour.

Care should be taken when incorporating any services into an island design, particularly with water and waste pipes, which may well end up buried in the floor after completion of the project. Allowing the positioning of a sink in the island



area increases the flexibility of the design from the outset. If you're considering a hob housed in the island, you should equally consider an extractor canopy over the hob and the necessary ducting. Any functionality adds greatly to the feature you're creating by the inclusion of an island.

If you're lucky enough to have the floor space, a kitchen island is a must have feature in today's open plan living kitchen designs. Galley kitchens in particular demand clever design, so if space is at a premium and there really is not enough room for the island, a mid-run peninsular can dramatically increase storage. Alternatively a breakfast bar can accommodate seating for family and friends when the kitchen is in use.

Enq. 168



KILL BILLS

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Enq. 170

Pools, spas & decking showcase



1 NAUTILUS POOLS

Nautilus Pools Ltd is the distributor for the Waterair range of in-ground pools. Established for 40 years, Waterair have sold over 85,000 pools across Europe. Manufactured in modular form, these pools are very quick to install, very affordable and easy to maintain. Totally original, using exclusive technology, Waterair swimming pools are made from corrugated steel panels (strength equivalent to a 45cm concrete wall), with several protective coatings to guarantee mechanical resistance and exceptional lifetime.

enq. 171

2 SAIGE DECKING

SAiGE Longlife Decking provides a cost effective, longlife, composite decking solution. Environmentally sourced, easy to install and long lasting and with key advantages to suit all lifestyles including low maintenance, anti-slip, anti-splinter, and resistance to mould & fungus means it out performs traditional wooden decking every time. Clean lines and modern colours of Charcoal Grey, Oak and Redwood in a wide groove, narrow groove, or smooth finish are the perfect addition to any garden, pool or balcony.

enq. 172



3 SPA DE LA MARE

Celebrating our 30 year anniversary Spa De La Mare continues to hold the accolade of the worlds leading manufacturer of spa pools and swimspas. They have recently launched the Coliseum II spa and Cleopatra V Swimspa. These luxurious additions to the company's portfolio are proving as successful as anything in the company's already bursting catalogue. Their unique full foam insulation ensure that their spa's run economically all year round, a vital quality required for today's clients.

enq. 173

 for your life
for a lifetime




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 **swimspa**

Enq. 173

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Enq. 171

The rain in the UK falls mainly on the roof

Simon Green, category director at Polypipe, discusses the rainwater harvesting system options available to selfbuilders

Rain harvesting can replace up to 50 per cent of household mains water consumption

The rain in Spain may well fall mainly on the plain, but in the UK it falls mainly on the roof and has to find its way effectively from there, via the guttering, through downpipes into the drains and soakaways that most self build homes have, finding its way safely to the local council's drainage infrastructure or the local streams and runaways before heading to a nearby river. In the UK, especially with changing weather patterns where we're tending to see rain in greater quantity but less often, the rainwater goods have to be up to the task, more than ever before. The inclusion of a rainwater harvesting system in a new build or refurbishment project will contribute to ensuring that this wonderful free resource – rain – isn't wasted, and can be recirculated to flush toilets, water gardens and wash cars.

Rainwater goods have traditionally been of metal construction – usually cast iron. However, these days, on most self build projects and the majority of refurbishment projects, the rainwater goods are plastic-based systems, uPVC or similar materials.

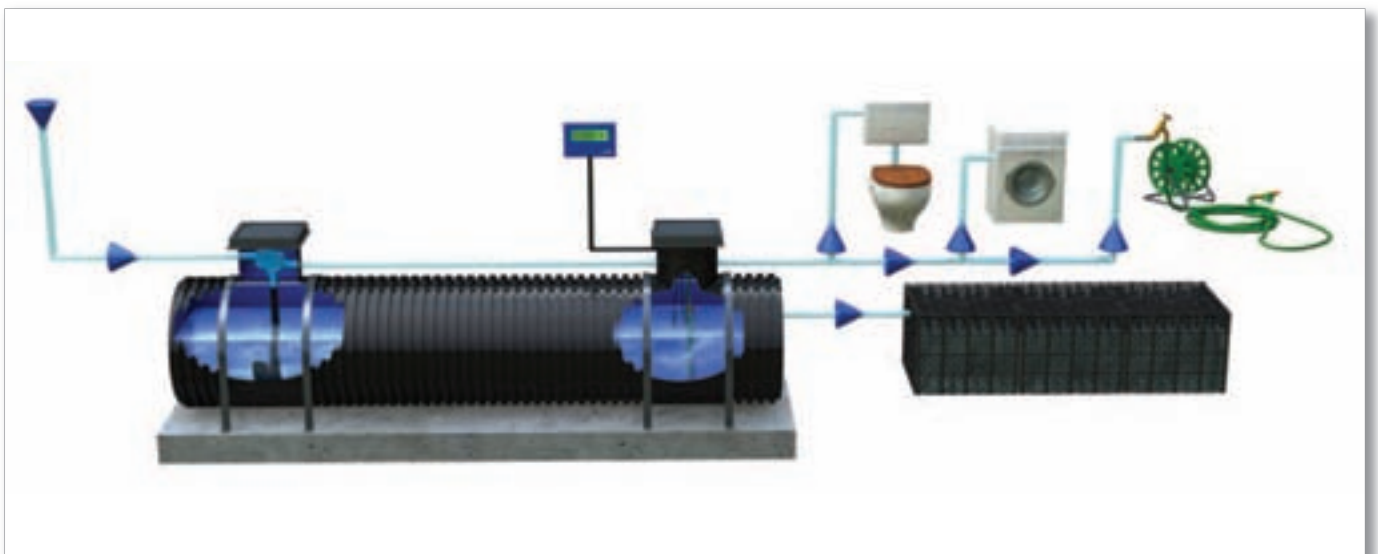
The increasing popularity of these modern rainwater systems is not coincidental. The benefits of a plastic system are many and obvious and when you're looking for benefits of any

system in the building industry, it's best to look at it from both the homeowner's and the installer's perspective. For starters it's very lightweight but extremely durable, with lower initial outlay and decreased maintenance costs.

It's also less expensive to install. New lightweight rainwater systems can be fitted safely and easily to most self build homes using ladders. And in the unlikely event of a piece of guttering or a bracket slipping out of an installers grasp, the damage on the way down to ground level is minimal, if anything at all.

But what about the look of plastic rainwater systems... the plastic look is not exactly a good aesthetic. The choice of profiles is huge so you can choose rainwater systems in a number of colours, profiles and finishes to slot neatly into any new self build project guttering and down-pipe scenario. And even if you like the look of authentic cast iron guttering but don't like the weight problems, and the maintenance and cost issues – there's a solution for that too. Use a cast iron 'look-a-like' rainwater system, which, once on a building, looks exactly like cast iron guttering and down pipes. So you can still have the aesthetics of a cast iron drainage system, but with none of the degradation drawbacks you get with the real thing. You get a lightweight,

Continued overleaf...



AN EXAMPLE OF THE EXTENT OF RE-USE OF RAINWATER THROUGH THE POLYPIPE RAINSTREAM HOME XL RAINWATER HARVESTING SYSTEM, INCLUDING THE TOILET, LAUNDRY, GARDEN AND CAR



low maintenance solution at a lower cost, that's quick to install, comes ready to fit without the need to paint it or apply protective coatings, and is fully compatible with other modern rainwater systems. As a well-known TV advert personality says – 'Simple'!

In this day and age you can also specify compatible soil and vent ranges with a selection of sockets, bends and vent terminals. Most ranges available use the popular push-fit approach, again for quick and easy installation.

Increasingly in the UK rainwater harvesting is being seen as a sensible option and an addition to the 'sustainability package' that many selfbuilders and developers like to see in their

projects. In recent years, none more so than recently, we're seeing our rain come less often but in greater quantities when it does arrive, and this has resulted in major run off, wasted as it heads for rivers to escape and this has often resulted in significant damage from flooding. It clearly makes sense to ensure that as much of the rainwater as possible including that which falls on the roof, makes its way through the downpipes and into tanks where it can be stored and used when needed.

Rain harvesting can replace up to 50 per cent of household mains water consumption. An shocking one third of all water used in the home gets flushed down the toilet – and in most

homes it is drinking water quality. The roof on an average four-bed family home captures more than 100,000 litres of rainwater each year – most of which currently goes down the drain and is wasted. When you think that a typical family uses 70,000 litres of water each year on flushing the toilet, clothes washing and outdoor use – watering the garden and cleaning cars, it simply makes sense to harvest it and use it, saving on your water bills. There are a selection of rainwater harvesting systems available from small ones that just provide for watering gardens and washing cars to larger systems that provide pumped supplies for use in the home alongside mains water.

Enq. 174



When it comes to choosing Aluminium Gutters & Pipes, it's as simple as **ARP**

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Enq. 175



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Reader
Enquiry
176



McArthur Group



Scheme Green has seen continued success largely down to the simple and convenient range for gaining easy credits towards the Code for Sustainable Homes. The expanding range provides a whole selection of products, which can be added to both the home and garden, and requires little or no installation time or costs. The Code for Sustainable Homes rates the 'whole home' as the complete package, therefore making garden sheds, water butts and bike storage just as important as recycling systems and indoor airers. The Scheme Green range has helped secure the requirements for new affordable housing.

Tel: 0117 943 0500 www.mcarthur-group.com

Enq. 177

Yeoman Rainguard



Yeoman Rainguard has supplied Zinc guttering and pipes for the Kingspan Potton show barn. A spokesperson from Kingspan Potton, said: "We have worked with Yeoman Rainguard for years and recommended their products to hundreds of selfbuilders. Their black aluminium guttering and perfectly complements our Tudor style Gransden Show house. "We chose zinc guttering and pipes for our new sustainable barn style show home. They look fantastic, blending traditional and contemporary styles perfectly, and are maintenance free." The Yeoman Rainguard zinc and copper range offers a contemporary feel. The natural oxidation will protect the product, delivering an almost unlimited service life.

Enq. 178

Yeoman Rainguard



Yeoman Rainguard has come up with another innovative addition to its range – Rainwater Diverters.

Manufactured from cast aluminium, the Yeoman Rainguard Rainwater Diverters come in black textured finish as standard, or are available to order in other BS or RAL colours.

Designed to compliment the successful XL range, the Diverters easily connect to an adjacent water butt via a flexible hose connection (included).

When the butt is full, overflow water continues down the rainwater pipes in the normal way.

The Diverters are available to suit 75mm Dia XL or 75 x 75mm XL pipes.

Enq. 179

Metrotile



Metrotile Lightweight Roofing has established itself as a roofing material suitable for any project and continuing this trend, Metrotile has seen an increase in specifications for newbuild and refurbished conservatories. There are many great reasons for choosing Metrotile for your conservatory roof, as increased insulation benefits turn it into a space that is suitable for use all year round, while the low weight of the roof ensures the foundations won't buckle under pressure.

Add the stunning aesthetics, extreme weather resistance, a full range of bespoke accessories and a forty year weatherproof guarantee and you have a package that's hard to turn down.

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Enq. 180

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 **Polypipe**

Enq. 181

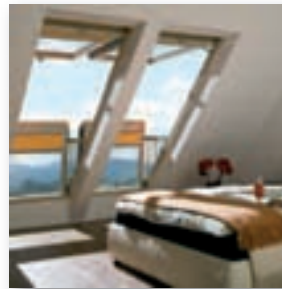
Keylite



Adding the perfect finishing touch to any roof window installation, Keylite has re-launched its attractive range of window blinds with the addition of several vibrant new colours and a wider selection of fabric options – enabling home owners, specifiers and designers the complete freedom to create whatever look they desire. For a limited time only Keylite is offering 15 per cent off selected items within the range. Now available in 19 eye-catching colourways, the extended range has been specifically designed to complement any interior design scheme. The softer colours such as Blossom White and Daffodil Yellow are ideal for creating subtle tonal combinations.

Enq. 182

Fakro



The Fakro FGHV P2 Balcony Window offers a contemporary alternative to a dormer at lower cost and with none of the attendant planning and structural issues. The upper sash has a hinge mechanism, which enables it to be left open at any point up to 45° while the lower element tilts outward to reveal built-in balustrades. When closed these are completely hidden. Usable in roofs with a pitch between 35°-55°, both the upper and lower sash are fitted with laminated P2A safety glazing and the topSafe® system of hinge and lock, which provides added burglary protection.

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Enq. 183



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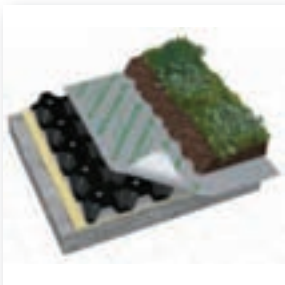
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Enq. 184

Delta Membranes



Tough and effective, Delta-FLORAXX Top is a water-retaining drainage sheet from Delta Membrane Systems with an integrated geotextile to help provide perfect green roofs. Innovative octagonal dimples give high levels of compressive strength and a fused-on geotextile also features, along with a separate waterproofing layer to resist root penetration. The combination of these parts to the construction ensures Delta-FLORAXX Top brings effective drainage, water storage and filtration to the finished green roof construction. The octagonal dimples product extra reinforcement to the construction for extreme compressive strength, with figures of 200kN/m² being given by the company.

Enq. 185

Zapp Balustrades



Zapp has launched a new website, www.zappbalustrades.com, providing information on its new Citila adjustable height glass screens. The website illustrates Citila in various balcony and terrace settings as well as displaying the variable and fixed height versions. The website provides detailed information and specifications of all variations of the Citila, as well as news updates, links to other Zapp related sites, a gallery of completed Citila projects, information on the different installation options, graphical UK coverage, contact information and the option to order a brochure. Zapp offers tailor-made solutions for customers with site visits, advice, and an installation service.

Enq. 186



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Enq. 189



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Enq. 190

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Enq. 191

Timber products showcase



1 BRINARD JOINERY

There are plenty of joinery manufacturers offering 'made to measure' joinery using their standard profiles and specifications. Brinard Joinery can offer the same type of service at competitive rates but we also offer a fully Bespoke service. The 'keyword' here at Brinard Joinery is choice – of materials, profiles, fittings, configuration, style, finishing and glazing. Whether you require modern, contemporary, traditional or classic style, Brinard can create product that meets your needs, meeting modern standards of insulation, glazing, ventilation and treatment.

enq. 205

2 HOPPINGS SOFTWOOD

Their bespoke Q-Grip slip resistant decking features widely across the London 2012 park. Heavy section C24 strength graded preservative pre-treated decking was required to meet the loading requirements and the decking had to be tested to meet specific British Standard slip resistance requirements. It was also a requirement for one of the major temporary footbridges that the decking could be easily removed for re-use post games and thus a simple and robust hidden clip system was incorporated into the design of the board.

enq. 195



3 QUAYSIDE CONSERVATORIES

Devonshire House, purchased in 1946, has subsequently benefited from numerous extensions. Semi-detached bungalows, plus a detached bungalow, have been connected to the Old Rectory via a beautiful new hardwood conservatory, created and installed by Quayside Conservatories of Beccles. Quayside Conservatories have been creating hardwood conservatories for the trade and general public for nearly twenty years. A team of craftsmen ensure that the products they lovingly create and install are of the highest quality.

enq. 191



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Enq. 192

Timber products showcase

4

WESTWIND OAK

Westwind's new eco house designed along 'passive house' principles can provide a faster, more affordable way to own a beautiful, energy efficient, timber framed home. Their eco homes work on the basis of providing a highly insulated and airtight building envelope that utilises passive heat from the sun, minimising the amount of fossil fuels required to heat the building. Options include two, three and four bedroom layouts and a choice of internal finishes. The modular design allows the house to be easily extended at a later date.

enq. 190



6

PARKER KISLINGBURY

PK supplies a number of cladding profiles machined from western Red Cedar or Siberian Larch in a huge array of profile designs. Bespoke profiles are available upon request. They provide trade and private clients with an extensive range of high quality hardwood and softwood timber products. The key activities of the company include saw-milling, processing and distribution. Every product is of the very best quality and delivery schedules throughout the UK are unrivalled with sawn timber delivered in 48 hours.

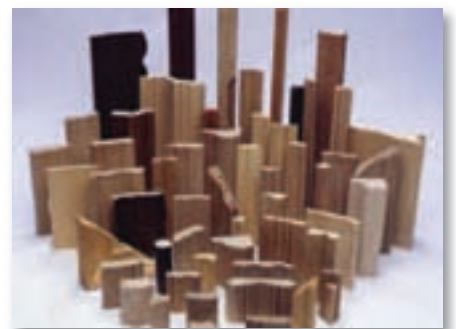
enq. 194

5

COMPLETE STAIR SYSTEMS

Stunning staircases in bespoke and kit form. Specialising in spiral staircases and grand feature staircases for domestic refurbishments and new builds across the UK. Complete Stair Systems' staircases are supplied in a variety of materials including solid timber, glass and stainless steel. Their new brochure has just been completed so please contact them for your copy. The website (and blog) is frequently updated with new pictures and case studies. Create a stunning first impression and get in touch!!

enq. 203





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Enq. 193

In this issue of Selfbuilder & Homemaker we look at recent trends in timber products to improve your home



7 PINELAND

It is not easy deciding on a new kitchen. 70 per cent of Pineland customers are from personal recommendations. The problem is there are so many options and choices. Ultra modern might look good now, but will it date? Fancy mechanisms seem attractive, but will they fall apart in a few months or so? Pineland uses only solid wood. All drawers are made using dovetail joints. All carcasses are made with mortise and tenon joints. Re-painting every 3-5 years makes the kitchen as good as new. The kitchens are expected to last 20+ years.

enq. 200

8 SELFBUILD SOLUTIONS

Selfbuild Solutions have structured their service so that it can be tailored to your own personal requirements. Unlike many other companies, they have not supplied the same house tens or hundreds of times over. Why compromise and accept a stock design when you can create your own bespoke design to meet your individual needs? In addition to new build projects, Selfbuild Solutions undertakes all aspects of building work, including extensions and alterations in both timber frame and brick and block..

enq. 207



9 TIMBERSPECS

Timber – the natural way to build Log cabins, mobile homes & houses supplied anywhere in Europe (no extra charges). Delivery and erection on top of their normal price. They supply log buildings in:

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enq. 199



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Enq. 194

Timber products showcase

10 LOG CABIN UK

Many people regard real wood as one of the best building materials in the world. Together with natural stone, it is the only 100 per cent natural material used in building construction. Unique, beautiful, versatile and enduring; it is a pleasure to work and relax in a genuine log building, as a cabin breathes and thus creates a healthy environment. Log Cabin UK specialises in the design and construction of contemporary and traditionally styled log buildings. As every log is different, every cabin they build is equally unique and individual.

enq. 204



12 COUNTRY HARDWOOD

Country Hardwood manufactures windows, doors, sliding bi-folding doors, conservatories, orangeries and roof lanterns in hardwood to the trade building market. Their products are state of the art, combining beauty with the latest technology available today. All products are manufactured on CNC machines to ensure precision and quality every time. They have a large factory in Milton Keynes where everything is manufactured in-house, and shipped all over the country. They can manufacture bifold doors up to 15 metres wide and 3 metres high.

enq. 210

11 KC SIPS SOLUTIONS

KC Sips Solutions offer SIPs eco panels easi-wall and easi-roof system nationwide. This is an advanced and yet affordable pre-insulated form of construction that is becoming increasingly popular. They are an unbelievably strong yet lightweight and are used in place of blockwork for walls and trusses in the roof. SIPs eco panels are far stronger than timber frame construction, more energy efficient, quicker to erect and provide an air tight environment making heating and cooling easier and therefore cheaper.

enq. 209



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Enq. 195



James Latham

Value-added timber and panel products distributor, James Latham is now offering Dendrolight, a unique three-layer composite material that gives extra lightness and stability to natural solid wood. An innovative product – which is also incredibly easy to process – Dendrolight is manufactured entirely from renewable materials. The panels are produced to be combined with any surface layer, extending the product's uses and applications and offering new design possibilities to the furniture, construction and interior design sectors. The key feature of the product lies in the unique manufacturing process. Its middle layer is made of Spruce or Pine planks, which are glued together in perpendicular angles and sliced into layers that can be surfaced with solid wood, plywood and MDF. As well as producing a material that offers exceptional stability, the innovative manufacturing process utilised by Dendrolight reduces the weight of solid wood by 40 per cent reaching as low as 250kg/m³. In addition, Dendrolight offers a number of other benefits including low swelling characteristics, high surface rigidity and good screw holding.

Enq. 196

In this issue of Selfbuilder & Homemaker we look at recent trends in timber products to improve your home



13

BOISE CASCADE

A comparison of available timber I-joists has revealed that Boise's best-selling BCI Joists are the most versatile when it comes to running services through the floor zone. Timber I-joists may incorporate a series of 'knock-outs' – pre-punched holes, which can be knocked out with a hammer to form service penetrations. Additional penetrations can also be hand-cut into the webs. "The goal for 'best' was based on positioning holes as close as possible to the bearing" says business development director.

enq. 211

14

OAKMASTERS

Why not bring the outside inside your house with a modern garden room? No longer do you need to have a conservatory which is more like a greenhouse than a part of your home, freezing in the winter and stifling in the summer. With a properly insulated and tiled roof punctuated by spectacular oak trusses and glazed oak frame walls you can have a room that is both cool in the summer and warm during the winter. Oakmasters will work with you to design and manufacture your glazed oak frame.

enq. 212



15

URBAN FRONT

Urban Front design and manufacture contemporary solid wood doors in their workshop in Buckinghamshire. Their doors are steel reinforced and come in six different hardwoods including Iroko, European Oak, Western Red Cedar, Fumed Oak, American Walnut and Wenge. They use a steel reinforced anti-warpage core with high insulation plus high security locks, security keys, high grade stainless steel fittings, and 3D concealed and pivot hinges. Urban Front make Pivot doors as standard production.

enq. 213



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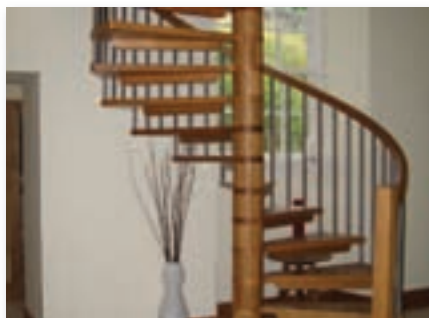
Enq. 198

Timber products showcase

16 UK OAK DOORS

Solid oak doors can transform a home's appearance. UK Oak Doors offers a wide range of traditionally constructed internal doors so you can create the perfect look for your interior. All crafted from PEFC certified European oak and solid throughout choose from a myriad of styles to bring out the best in your home and suit your own individual style. Oak is a beautiful and durable material that suits every interior design style. Commonly associated with period styles, such as Victorian and English Country Cottage, oak is also ideal in modern interior.

enq. 208



18 JOHN BODDY TIMBER

Whether its boards, flooring, architrave, profiles, skirting or oak beams then call John Boddy Timber. A premier hardwood supplier for over 75 years with FSC and PEFC accreditation, they offer quality timber both ex stock and machined to specification. Solid hardwood and engineered flooring in a variety of timber species, including a range where every board is hand finished. Architraves and profiles are available ex stock and to customer specification plus an excellent range of solid hardwood internal batten door kits.

enq. 197

17 BILL PITT MANUFACTURING

Bill Pitt Manufacturing Joinery Ltd is celebrating its 15 year anniversary. They specialise in bespoke items ranging from the very contemporary staircases combining oak handrails with glass and stainless steel, through to sash and case windows, panelled doors and mouldings for period properties. They work alongside house builders, contractors and selfbuilders. As a small business with specialised trained staff they take time to find out what the customers' requirements are. If its made of wood we can make it!

enq. 198





Timber – The Natural Way to Build

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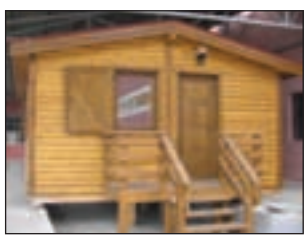
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PINELAND is a privately owned, family company that has been established for over 20 years. We believe in listening to our clients, and our hand drawn plans, reflect our customers desires and opinions. The final design combines well planned functionality,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

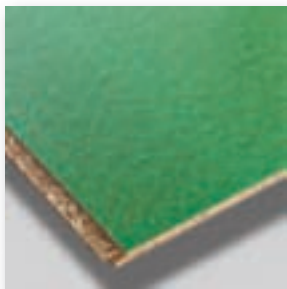
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Enq. 200

STEICO



STEICO, introduces a new permanently sealed floor deck specially designed for the UK house building market. STEICO Weatherprotect provides an alternative method of protecting joisted floor areas prior to the building becoming weather tight. Combined with the single sealing and fixing adhesive supplied Weatherprotect is an ideal cost-effective solution and a perfect partner for STEICO I Joists. Available in size 2,400 x 600mm TG4 in either 18 or 22mm

thickness the product is fully FSC certified and conforms to EN 312 Type P5 standards.

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Enq. 201

The Oak Designs Company



The Oak Designs Company uses the highest quality oak for all of their oak framed buildings, sourced from recognised, sustainable F.S.C. and P.E.F.C. certified forests. Added to this oak's main environmental plus is its natural absorption of CO₂ from the atmosphere.

Oak is undoubtedly the best timber for building and the surviving buildings bear witness to the lasting properties of an oak framed structure. The benefits of using 'green' unseasoned oak, is that when the assembled and pegged together, the timber continues to contract, tightening the joints to give a superbly strong structure.

Enq. 202

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Londoners salute BSW Timber's larch ascending

Larch timber sourced from BSW Timber's Newbridge-on-Wye sawmill has taken a starring role in one of the more eye-catching celebrations heralding the start of the Olympic Games in London.

As part of the London Festival of Architecture, 17 cubic metres of BSW's home-grown larch has been used to create 'Paleys upon Pilers' (Palace on Pillars) - a stunning temporary installation in the historic Aldgate area of the city.

The elaborate 11-metre high wooden structure marks the start of High Street 2012, the direct route from the City of London to the Olympic Park at Stratford, and will remain in place during the Olympics and the Paralympics.

Architects Studio Weave were inspired by the dream poems of one of Aldgate's most famous residents, Geoffrey Chaucer, written whilst he was living there from 1374 to 1386. The House of Fame and The Parliament of Fowls both include images of dream-like temples, made of extraordinary materials.

The end result, commissioned by the Worshipful

Company of Chartered Architects, is described by Studio Weave as a 'kind of timber embroidery', with a 'light nest of decorative timber fretwork creating a series of overlaid buildings of different scales and complexities'. The structure sits prominently above the busy Aldgate High Street, supported by four pillars decorated with images inspired by illuminations on the 14th century Chaucer manuscripts.

Hamish Macleod, director of public affairs at BSW said: "We are delighted to be supporting this prestigious project with timber from our Newbridge mill in Wales, together with our partners in supplying the Welsh-grown larch logs, Forestry Commission Wales and UPM Tilhill.

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