

Design Buy Build

M A G A Z I N E

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Self Builders ● Property Developers ● Architects ● Interior Designers



Hugo Road

Having just had their third child, the owners of Hugo Road asked us to re-think the way in which the house could work for them.



Charlton Road

The brief called for a new kitchen and dining area, so that the house has a greater connection into the re-landscaped garden.



David James

The site at Luscombe, occupies a spectacular natural wooded setting presiding over Poole Harbour.

SketchUp 2018 is here!

Deliver work you're proud of

Smarter Sections

Section planes now have names and symbols, making them easy to find and organise. Filled section cuts are now baked into SketchUp Pro! There is also improved performance for models that use section planes to hide a large amount of geometry. The more geometry you section off, the more you'll benefit!

Make Better Drawings

Need to add linework that's not in your model? Create a scaled drawing in LayOut and sketch over a 3D model to flesh out your project, or draw from details to scale directly in LayOut. With inferencing, chamfering and filleting, arcs, offset arrays and selections; LayOut is even better at everything you need to draw details or create beautiful illustrations at scale.

There's more!

Got BIM?

We've introduced Advanced Attribute fields for a component's Price, Size, URL, Type Status and Owner. Generate Report now aggregates component data so you can do things like configure reports to sum parts and quantities and cutlists, or create detailed estimates by adding up prices by layer.

You can rely on IFC in SketchUp to transfer the attributes you assign and manipulate in projects, allowing for information to move freely between SketchUp and other applications.

- Import DWG files into LayOut
- Multi Viewport Dimensioning

- Native support for importing and exporting STL files
- Improvement to Outliner's overall load performance

Contact **Elmtec**, SketchUp's distribution partner in the UK



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Dunn Architects

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Landowners make £13bn profit in one year, as high land prices stifle affordable housing

Landowners are pocketing billions of pounds of profit every year just for getting planning permission, which raises prices and makes it harder than ever to buy land for new social housing, according to the Centre for Progressive Policy and the National Housing Federation.

A new report shows that landowners in England made more than £13bn in profit in 2016/17 alone (1).

In 2014/15, the figure was £9bn, the research from the Centre for Progressive Policy has found. This means that profits have increased by around £4bn in only two years.

Landowners' total profits are more than the global profits of Amazon, McDonald's and Coca Cola combined (2). Meanwhile, in the UK, the six biggest energy suppliers made a combined profit of £913m in 2017 (3).

At the same time, the National Housing Federation has found that organisations trying to build social housing are increasingly outbid on land by private developers.

The National Housing Federation has responded to the Chancellor's Budget statement in the House of Commons.

Responding to the Autumn Budget, Kate Henderson, Chief Executive of the National Housing Federation, said:

Housing

"The Chancellor's announcements on housing today are not the wholesale changes needed to fix our broken housing market.

Local government finance settlement date confirmed in government response to Hudson review

Local authorities will have more certainty to plan their budgets as government confirms it will aim for set dates each year.

Local authorities will have more certainty to plan their budgets as government confirms it will aim for set dates each year for the provisional and final local government finance settlements, the Minister for Local Government Rishi Sunak MP confirmed today (24 October 2018).

The minister outlined the move in a response to an independent review into the department's oversight of the business rates system.

The review, led by former Director General at HM Treasury Andrew Hudson, found the department has managed the increasing complexity of the business rates and associated systems well, but its processes for managing the local government finance system should be strengthened further.

This is in anticipation of future challenges from the forthcoming Fair Funding Review, the 2019 Spending Review and the changes to business rates and their retention by local authorities.

The review also found the timetable for announcing both the provisional and final local government settlements has over the past few years moved to

later in the year, allowing less time for scrutiny and for local authorities to set their budgets.

It recommended that future provisional settlements be on or around the 5 December and the final settlement no later than the 31 January.

In a letter to the Chair of the Housing Select Committee, the Minister for Local Government Rishi Sunak MP confirmed the department will accept all of Andrew Hudson's recommendations and outlined the department is aiming to publish the provisional settlement for 2019 to 2020 on Thursday 6 December 2018.

The letter also outlines the need to make sure each year that the settlement timetable aligns with fiscal events and Spending Reviews.

Minister for Local Government Rishi Sunak MP said:

I thank Andrew Hudson for carrying out this thorough review. We accept his recommendations, and have already taken steps to ensure their implementation.

We recognise taking a more planned approach towards the provisional local government finance settlement in future will be fundamental to ensuring local authorities are given more certainty, and the time and space to consider their financial positions for the coming year.

"We desperately need tens of thousands more social homes to be built every year, which is why we are disappointed that the Government has missed a real opportunity to overhaul how land is sold.

"The current set up means last year landowners pocketed more than the global profits of Amazon, McDonald's and Coca Cola combined, raising the cost of land and making it almost impossible for organisations who want to buy land for social housing to afford it.

"More of this profit must be used for building social housing. The housing crisis will never be solved until the price of land radically changes."

RIBA International Fellowships 2019 revealed

The Royal Institute of British Architects (RIBA) has today (Thursday 1 November) announced the 2019 RIBA International Fellowships which will be awarded to 7 architects from across the globe.

RIBA International Fellows are awarded annually to architects outside the United Kingdom who are not UK citizens. They are awarded to people who have made a major contribution to the world of design and in particular architecture.

The RIBA's 2019 International Fellowships will be awarded to:

Frida Escobedo – Frida Escobedo Architecture Studio, Mexico

Poul Ove Jensen – DISSING+WEITLING architecture, Denmark

Michael Murphy and Alan Ricks – MASS Design Group, USA

Neri Oxman – MIT Media Lab, USA

Emilio Tuñón – Tuñón Architects, Spain

Ignacio Vicens y Hualde – Vicens + Ramos Architects, Spain

The lifetime honour allows recipients to use the initials Int FRIBA after their name.

The 2019 RIBA International Fellowships will be presented at a special event at the RIBA in London in February 2019.

Government welcomes Homes England's new 5 year strategic plan

Communities Secretary Rt Hon James Brokenshire MP welcomed Homes England Strategic Plan published today (30 October 2018) describing the vision as pivotal to helping deliver the homes that communities need.

Since their launch in January, Homes England has a remit to adopt a more commercial approach to acquiring, preparing, managing and developing land in areas of high demand.

Their strategic plan sets out how they will use these powers together with their expertise and significant government investment to drive forward key programmes and play a major role in making the housing market work for everyone.

New planning rules “to boost build out rate for large sites”

Sir Oliver Letwin's report said new rules would require developers to build a wider range of properties with different designs and tenures, to speed up build out rates.

In his interim report, he said he could not find “any evidence” that major developers are “holding land as a purely speculative activity” – and their business models instead rely on selling houses.

Instead, having too many identical properties on large sites – and the limits on how quickly these can be sold – is the fundamental reason behind the slow build out rate.

RIBA response: Government's Autumn Budget overshadowed by the grave consequences of a no-deal Brexit

RIBA response: Government's Autumn Budget overshadowed by the grave consequences of a no-deal Brexit

Responding to today's Budget from Chancellor Philip Hammond, the Royal Institute of British Architects has warned of grave consequences to architecture should the UK leave the EU without a Brexit deal.

The Institute welcomed some positive announcements for housing but remains concerned that it does not deliver the certainty needed for businesses in the event of a no-deal Brexit.

RIBA President, Ben Derbyshire says,

“The Chancellor's warnings around a ‘no deal’ Brexit has overshadowed the announcements made today and reflects the grave consequences that this would have on our economy including our world-leading architecture sector.”



Dunn Architects

Dunn Architects is an RIBA Award-winning practice of creative and accomplished architects, technicians and designers with offices in London and Sussex for projects in the UK, and offices in Dubai and Singapore for overseas projects. The diversity of projects to date ranges in scale and scope from bespoke private houses to multi-million pound commercial developments in the Middle and Far East.

The practice has established itself with a solid reputation for the ability to design, deliver and manage entire projects efficiently and reliably.

Understanding the history, context, topography and ecology of a site is

at the root of our design process. We foster a collaborative approach with clients, consultant teams, contractors and end-users as well as maintaining regular internal design reviews. Individual teams at the practice are selected based on compatibility for each client and project. A series of creative hubs are formed to work on individual projects within the practice.

As designers we aim to create contemporary, subtle and elegant buildings using materials and geometry that complement the local human and natural environment, with commitment to creative excellence and sustainably-driven innovation to interpret and deliver the requirements of private clients.



Lakeside House, West Sussex

This stunning house of 5,000 ft² is set in a landscaped garden within the grounds of a racehorse stud farm. The house is curved in plan to respond to the topography of the site, with views on to the surrounding paddocks and lake.

The structure of the chimney and main balconies punctuate the massing of the building and the ground floor is inset to help articulate the curve and the use of different materials. The first floor is clad in Kebony timber to reference the buildings natural environment and the standing seam zinc roof helps to emphasise the curved form of the roof. A series of interlinked terraces extend into decks over the lakeside, offering indoor-outdoor living spaces and drawing the occupants' eyes into the surrounding landscape.





On the ground floor the living space is open-plan with large glass panels, corner windows and sliding doors.

The plan is designed so that the central fire place is a focal point of the communal areas in the house.

The interior fit-out has been designed by Dunn Architects with emphasis on clean, contemporary finishes and design.

A feature stair leads to the first floor which contains four bedrooms with en-suite bathrooms, each of which is orientated towards different aspects of the landscape.

The project was delivered with a twelve-month construction period.

W www.dunnarchitects.com





1



2



4



3



5

Top five gas stoves and fires to heat your home this winter

Gas stoves and fires are a convenient means of heating, offering high heating performance uncompromised by design.

Here are five gas stoves and fires from Gazco that bring heat at the touch of a button and make a great alternative to the woodburning lifestyle.

Loft (1)

With Nordic style and sleek black glass, this tall and stylish stove makes the ultimate in contemporary gas stoves. With soaring flames mirrored on all sides of the firebox and the option for modular installations, including a wall mounted version, the Loft creates an impressive focal point – and can even be controlled from the comfort of your sofa. For those opting for Plinth and Logstore bases, there is also the choice of two other elegant finishes.

Riva2 600HL (2)

Riva2 600HL gas fires offer a superbly realistic display, with hand detailed logs, natural rolling flames and non-reflective glass for a clear view of the fire.

Designed for conventional flue installation, this high efficiency gas fire makes a great choice for most rooms, and versatile proportions ensures it works equally well in modern or traditional interiors alike.

Vogue Midi T (3)

The Vogue Midi T gas stove range provides stunning flames and a three-sided view of impressive visuals. Vogue Midi T stoves feature a highly realistic log-effect fuel bed, and are also available in Midline or Highline versions, which feature stylish bases that can be filled with logs to add to the wood fire aesthetic.

Studio 1 Freestanding (4)

The Studio 1 Freestanding gas fire blends geometric angles with sweeping curves for a sleek contemporary finish.

Offering a landscape view of rolling flames, this large format fire is available with a choice of a smoothly curved bench, or plinth mounting options, each echoing the fire's distinctive design.

Reflex 75T multi-sided (5)

The Reflex 75T multi-sided is a striking gas fire that can be viewed from almost anywhere in a room.

With two-sided or three-sided options available, these elegant fires allow for a beautifully bespoke fireplace, whether positioned centrally or in the corner of a room.

www.gazco.com



Georgian bars add glamour to Prestbury Road

Perfectly located in the rural countryside village of Wilmslow, Cheshire, this residential project juxtaposes minimalistic modern interiors with traditional Georgian window design. The stunning frames have been created by leading aluminium suppliers Reynaers and fabricated by Bespoke Design Glazing to create a truly unique dwelling.

Situated in Wilmslow, just 11 miles south of Manchester, the property offers the very best in modern-day open-plan living.

The layout incorporates a large kitchen, dining and lounge area with elevated ceiling heights and sizable window areas that blur the boundaries between inside and out, opening onto a large terrace area that is perfect for entertaining and fluid family living.

Rebecca Cope, Marketing Manager at Reynaers said:

“We are delighted to have supplied for this exquisite property. It is a great example of how adding distinctive Georgian window design to a contemporary home can give a timeless feel.”

The eye-catching doors that embellish the rear façade of the project have been achieved by using two inward opening double Reynaers SL 38 doors that are encased by two fixed SL 38 windows across the living and dining area, adding classical Georgian symmetry to the property.

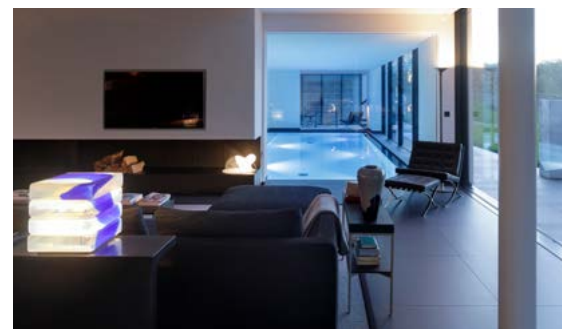
The SL 38 offers optimum comfort, safety and energy benefits and is available in three different frame styles, Classic, Ferro and Cubic, to perfectly match the architectural aspect of a building. The window and door are available in double and triple glazing without losing the ultra slim look.

The impact of the façade is elevated further by the bold yet elegantly designed glazing bars in a jet-black that contrast the softly-hued interior finishes and draw the eye towards the rolling countryside views.

Modern properties achieve this elegant Georgian grid effect by adding surface mounted bars onto the inside and outside of a window or door. This allows for just one pane of glass to be inserted, offering traditional aesthetics with all the benefits of modern performance qualities.

Bespoke Design Glazing, who fabricated the doors, are based in Bolton and specialise in bespoke architectural glazing to the highest of standards. With over 40 years' experience in fabricating the highest quality materials, the finish on the build is truly excellent.

Further details are available from: Reynaers Limited, Tel: 0121 421 1999, or email: reynaersltd@reynaers.com, website: www.reynaers.co.uk.



Sevendials stuns in the Cheshire countryside

Situated in the rural countryside village of Mottram St Andrew, Cheshire, Sevendials is a private contemporary residence project. It utilises an array of innovative products from leading aluminium suppliers Reynaers and Cheshire-based Altitude Aluminium, which installed the stunning aluminium windows and doors on this beautiful build.

The contemporary living space is set across more than 600m² including a full leisure suite with guest accommodation. Situated at the head of a gently sloping valley and immersed in mature greenery including Oak and Birch trees, the modern house boasts views across Cheshire towards Snowdonia and North Wales.

TheCAVE architecture + design studio was selected to design the project due to its vast luxury private residual property portfolio. TheCAVE was invited to stay in the bungalow that was previously on the site for three months before the project commenced to gain a profound knowledge of the path of sunlight, views and landscape before plans were finalised.

The Sevendials dwelling beautifully projects the impact of Reynaers' Hi-Finity sliding door system. Each panel of glazing spans the full height of the building across two floors, creating an impactful facade. Despite their minimal visual sightlines, the Hi-Finity sliding doors durability and strength allows for up to 750kg of weight per sliding door leaf. Fixed panes can weigh up to 1200kg.

To further advance the functionality of the property, Reynaers' CS 77 Tilt and Turn systems were installed alongside the Hi-Finity range. Depending on the position of the handle, the CS 77 Tilt and Turn windows open either from the bottom hinge allowing an opening for ventilation or from the side hinge, opening in full.

Whilst the façade at the front of the building uses minimal glass to enhance privacy and security, the rear of the building is where Reynaers' products come to life. The 'L' shape plan embraces the views to the West, allowing the large panes of glass to engulf the sunset as it descends. The orientation of the project also ensures natural light bathes all interior scopes



throughout the full 12 months of the year.

Rebecca Cope, Marketing Manager at Reynaers, comments: "Sevendials is a stunning example of our beautiful windows and doors, we are extremely proud to add this to our portfolio of world class residential properties."

Wayne Little, Operations Director at Altitude Aluminium, said: "We know how important it is to have excellent products designed to stand up to the worst of the British weather. We often install Reynaers' products because they not only look fantastic, but tick all the boxes for the latest trends of huge areas of glass, without compromising on comfort, security and warmth."

Further details are available from:
Reynaers Limited,
Tel: 0121 421 1999, or
email: reynaersltd@reynaers.com,
website: www.reynaers.co.uk.



London Council Chooses Warmshell And PH15 Energy-Efficient Timber Frame System For Social Housing

Paul Samuel White Photography

The recently completed social housing project at Akerman Road for Lambeth Council, includes three new-build Passivhaus certified terrace houses, and six highly energy efficient retrofit flats within a locally listed building. The construction solutions and details were carried out by the 15-40 Architectural Collective.

Ensuring vapour open construction was a priority. Highly insulated houses must consider moisture management, moisture damage being the greatest risk factor to the building fabric.

The new-build terraces were constructed using the PH15 Timber Frame System which uniquely offers a natural insulations solution to Passivhaus projects, ensuring the building can ‘breathe’ and that moisture can escape externally through the structure.

With the PH15 Timber Frame System, products are used that are known to enable water vapour to escape externally – this includes Lime Green’s Warmshell render system applied directly to external wood fibre insulating boards.

Lime Green renders are highly breathable and elastic, with low water absorption, which means they will provide a very durable finish and importantly have far less embodied energy than other render systems.

Lime Green Products offer approved installers to ensure their lime based products are applied correctly on site, important given that this is a natural product. Lime Green also provide excellent technical support and training. A wide variety of colours and finishes are possible.



The PH15 System is a part offsite solution developed specifically for Passivhaus standard levels of energy efficiency. The PH15 frame elements are all pre-cut offsite and individually coded - like a meccano set, rather than fully panellised. This is both an economic solution and avoids the need for heavy lifting equipment. The system can be delivered where there are limited or difficult access conditions. The PH15 shell relies on typical UK carpentry skills only, supported by onsite training and a technical help line.

Lime Green Products also manufacture a range of natural lime renders and insulation solutions for retrofit projects where moisture management is particularly critical. Their Warmshell internal insulation system addresses the common problems of damp and condensation, whilst also addressing heat loss and contributing to a healthier indoor environment.

PASSIVHAUS STATISTICS: TFA 371m², Form Factor 1.8, with U-values of roof 0.108 W/m²K, walls 0.105 W/m²K, floor 0.106 W/m²K. Heating load 7.9W/m². Predicted Heating demand 9.1 kWh/m²a. Airtightness test results: 0.34, 0.39 and 0.4 ach@50Pa.

For further information on the Warmshell insulation and render systems please follow this link www.lime-green.co.uk/warmshell
To learn more about the PH15 Timber Frame System visit www.phhomes.co.uk.





Perforated facade pays musical tribute

The Music Box multi-storey car park in Hayes is part of a major development project on a site with a rich heritage of British music.

When designing the facade for the car park, the architects wanted to pay tribute to the former factory buildings and achieved this by using RMIG ImagePerf to recreate an iconic photograph of a remarkable period in popular music history.

A major development project has been carried out on a former factory site in Hayes, Middlesex. The site is steeped in music history dating back over 100 years, as it once housed the Gramophone Company factory, the renowned HMV record label and the famous EMI record pressing plant, which manufactured records for some of the most legendary names in British music, such as The Beatles, Queen, The Rolling Stones and Pink Floyd.

The site has now very fittingly been renamed The Old Vinyl Factory in honour of its record pressing past. The redeveloped area now comprises art deco office buildings, new homes, restaurants, shops, a gym, cinema and a live music venue, making this a diverse community of living and working areas, as well as retail and entertainment facilities. The architects at Studio Egret West saw this as a new beginning for the site, bringing it into the digital age and yet still embracing its incredible heritage.

An eye-catching and durable facade

As part of the development, a multi-storey car park was constructed to cover the needs of the area. The car park was designed by Studio Egret West and consists of seven parking levels, providing a total of 424 parking bays. The car park also has an electrical substation with 96 vehicle charging points.

When designing a multi-storey car park, it is important to keep in mind the need for sufficient ventilation and lighting. To meet this challenge, it was decided that the steel frame structure of the car park should be clad in perforated metal, ensuring both adequate air and light, and at the same time creating an aesthetically attractive facade. RMIG, world leader in perforation, manufactured and supplied the perforated metal sheets for the project, and using their City Emotion concept, gave the facade a unique feature.

Famous image recreated

RMIG ImagePerf is part of the RMIG City Emotion concept and presents elegant and innovative solutions to the challenges of architectural design. RMIG ImagePerf converts perforated metal into a 'projection screen' for art, photographs, illustrations and graphic designs.

In keeping with the theme of both The Old Vinyl Factory and the Music Box car park itself, it was decided that for the west side of the facade, a photograph of screaming fans at a Beatles concert should be reproduced using RMIG ImagePerf technology.

Using various hole sizes, it was possible to transfer and enlarge this amazing image, ensuring that it will be enjoyed by many for years to come.

Secondary operation and time-saving process

RMIG's experience and expertise were invaluable for a project of this kind.

More than 1,000 perforated sheets covering an area of 3,500 m² were manufactured for the facade using 2.5 mm thick sendzimir galvanised steel.

The sheets were subsequently powder coated, making them durable and weather resistant.

In addition to the picture perforation and powder coating, RMIG was also responsible for bending and numbering the perforated metal sheets in order to make them ready for delivery and to ensure a time-saving process when installing the facade panels.



Facts box

- Raw material: Sendzimir galvanised steel
- Pattern: RMIG ImagePerf
- Thickness: 2.5 mm
- Surface treatment: Powder coating
- Finishing operation: Bending
- Perforated area: 3,500 m²
- Architect: Studio Egret West

Innovative solutions and a quality partnership

With RMIG City Emotion, architects can realise their visions and urban design concepts, and convert them

into real solutions for buildings and interiors by utilising perforated and expanded metal products for various applications.

RMIG offers a professional and reliable partnership with expert advice through all stages of a building project.



For further information
www.city-emotion.com
email: info.uk@rmig.com
Tel: 01925 839610





An Interview with astudio founder

Richard Hyams

by Antony Holter

1:- Over the past couple of years we have seen a huge increase from Architects taking the modular approach. Why do you think that people are now taking this approach more so than ever before?

The industry as a whole is seeing a lot of cost pressure. Construction is becoming more expensive across resources, skills and materials with shortages everywhere.

Just last year there was a brick shortage, for example. There has been a reluctance, up until now, among architects towards modular because many architects used to believe it limited creativity, skills and design. We don't believe that.

We believe that because there are myriad ways to use modular - from big volume builds right down to smaller projects - that you have to be more creative, partly because you are using bigger components.

In fact, it demands more skill to work with these larger building elements.

It demands more of an architect, not less. But one of the main drivers of increased interest is obviously that the government is investing in it.

When the government invests people tend to listen. So, there's a drive towards it. If there is funding things will happen.

2:- Obviously with Astudio having an in-house environmental engineer the environment and the sustainability involved in each project must be something that is key to each project. Is this something that must always be a key focus for you when you take on each project?

To put it simply, yes.

The whole point of us having an environmental engineer in house is so that from the first design we have a strategy for limiting carbon and energy use.

It's part of our design, so it's embedded in what we do.

What usually happens is that the architect will come up with a design and the engineers and contractors then have to make that work. We think about orientation, form and materials, all of which needs to be energy efficient, from the start. So, we embed environmental considerations in everything we do. And because we have in house expertise it enables us to challenge the engineers and contractors while we are working with them on the job. Architects normally don't have that expertise but because we do it enables us to push back a bit when contractors perhaps tell us something can't be done in a particular way.

3:- As some people may or may not be aware of your current zero-carbon residential scheme for East Wick and Sweetwater could you tell us a little bit about this project and surely this particular project must have come with a few challenges?

East Wick and Sweetwater were large housing schemes with 6 different architects designing different buildings to create a rich atmosphere. The client here set very stringent fabric performance targets, i.e. the facades had to perform very well, before we considered the internal heating and energy system.

In other words, we needed to get the form and orientation right and to ensure the buildings had a good air tightness level.

This was probably the greatest challenge we faced: maximising daylight, while ensuring the building didn't overheat in the summer or was too cold in the winter, while designing and using lightweight materials to deliver zero carbon.

The great thing about the site is because it's an Olympic legacy site it has a great decarbonised power network, that's a great first step.

Ultimately it was good design that enabled us to ensure it also maximised sunlight without being too "leaky".

We used 3D modelling to test the design to ensure that what we were building would work.



The good thing about that 3D modelling and testing was that we have been able to learn from the design principles used at East Wick and adapt them at our new site at Barking and Dagenham.

4:- With a lot of people looking for products that reduces cost, time and ones that have added environmental benefits would you say that Astudio have the products that meet these needs because obviously Astudio have a wealth of knowledge and experience but at the end of it all it's the product that needs to speak for itself.

That's always been the case for architects. Everyone has always aimed for lower cost higher quality building materials. But we invested four and a half years of our time in researching the right materials to use and the right design principles to follow, rather than wait for the market to come to us. So, we have done lots of testing and re-testing to come up with materials that the market needs. It's taken a lot of investment and time to get to the position we have.

5:- Using off-site construction technology seems to be one of the key elements to your success but could you tell us why you think this gives you such an advantage?

Yes, off site technology is great. And we now have a system that can be repeated which gives us a great level of efficiency.

But we had to invest the time and effort in the technology first. Having spent all the time working on this we can now do it in a really cost-effective way. But it's only a part

of what we do. What we are offering to local authorities is a new way of providing the homes they need. We are essentially now a supplier of high quality truly affordable homes. We design the homes, secure the planning permission and build the properties for the local authority, and the local authority gets to keep the land rather than selling it to a property developer. It's ultimately a completely new way of working. It's quicker, cheaper and gives the local authority more control.

6:- In the current financial state providing low-cost homes with a high-quality effect is something that is going to be of high demand if done well and there will be a lot of people out there that say they can offer the world but maybe not deliver on price or quality. Could you tell us why Astudio is a key Architectural practice for this market and what really separates them from the competition?

It would be very easy to stand on a soap box and say we have all the answers but we have to deliver. We have taken our design and services through local authority procurement, legal and financial committees to make sure everything is delivered correctly. So we know what we are offering is good value for money. We are now talking to several more local authorities about how modular can work. There's absolutely nothing stopping others doing modular too, there's plenty of room for everyone.

In fact, I would encourage people to get out there and do it themselves. But if they are going to do it please do it well, otherwise it will tarnish the whole market.

7:- Do you find that the market for modular homes has increased dramatically over the past 12 months?

The investment in modular has certainly increased interest in it. London’s City Hall has said that it is willing to give more funding to modular development and Homes England has also provided more support with additional funding for the sector. So that is bringing manufacturers and developers closer together. Where there are perhaps challenges remain around issues of design. We have to design each modular development to the needs of each manufacturer because they each have their own way of building, so some degree of standardisation here would be helpful.

8:- With technology now being at the forefront of most things we do on a day to day basis has technology helped you in your creations or is it something that has been hard to adapt to?

Before I set up the practice I always worked on the more cutting-edge projects such as London’s City Hall, for which we relied upon technology to help us create the designs. That’s always been my kind of thing. So, when we set up Astudio, we did so with the intention of really using technology to help us design, whether that’s using 3D imaging, CAD modelling or environmental testing. Technology is part of our design DNA. We would have a problem if we didn’t use it.

9:- Looking back over your history and very impressive working past were you worked as a project director at some very prestigious architectural practices such as Foster & Partners what made you want to take the leap and become the founder and director of Astudio?

I was lucky enough to work for a great architectural practice and work on some very big projects.

For a long time, it was great but I got to a point where I began to think I would approach certain projects differently to the way they were being designed.



There’s nothing wrong with this, just a different perspective but when you begin to reach the point where you develop, perhaps, a different philosophical approach to the architectural practice you work for, then you have to follow your own path. At Astudio we are coming at the construction industry in a completely different way.

We like to look at a problem, like the housebuilding crisis for example, and find a solution to that which challenges the current methods, uses our experience in construction from design to manufacturing to deliver a better way.

For us this involves a huge amount of testing and research, which makes every day worthwhile.

Comments from Richard Hyams, founder Astudio



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Peak Imaging

Peak Imaging is an independent photographic laboratory and print company based in Sheffield, South Yorkshire. Vastly experienced in both traditional film and the digital arena, their dedicated workforce has an amazing, average service time of 22 years.

Working alongside some very famous household names across the UK and Europe and more recently the Far East, producing wall art products and prints for museums, boardrooms, homes and photographers in general, Peak Imaging's reputation is well documented and long established.

Co-director Cathrine Lee has seen the company adapt and re-shape to the ever changing marketplace. "Customer service and product involvement is key to our success and we firmly believe that

time invested in project development and consultation is vital for end result satisfaction. Our clients usually know what they want to achieve but often, not how to achieve it or more commonly, what is possible. From straight reprints of digital media or film to large format displays on PVC and acrylic, we cover a vast array of display products and services, working to strict guidelines and tolerances".

"As a laboratory of some 43 years in the business, we have always invested heavily in new machinery and ideas and currently employ both photographic and giclee printing techniques. We find that both have a place in domestic and commercial display forums and that it is sometimes wise to allow the subject matter of a piece to dictate the media and print format. Metallic and high gloss papers are very

popular at the moment but much of the traditional photographic work pieces still demand rag papers and fine art materials".

Photobooks are currently a favourite format for family enjoyment and advertising and Peak Imaging's LifeBook product comes in many shapes and sizes to suit the project in hand. From weddings and world trips to coffee table promotions and antique collections. All stories can be told and cherished in the pages of a "LifeBook".

10,000 sq. ft. of production space has been carefully designed to create efficient workflow whilst housing darkrooms, conference facilities and design studios. All of this and full product display can be visited at the Holbrook Avenue site.

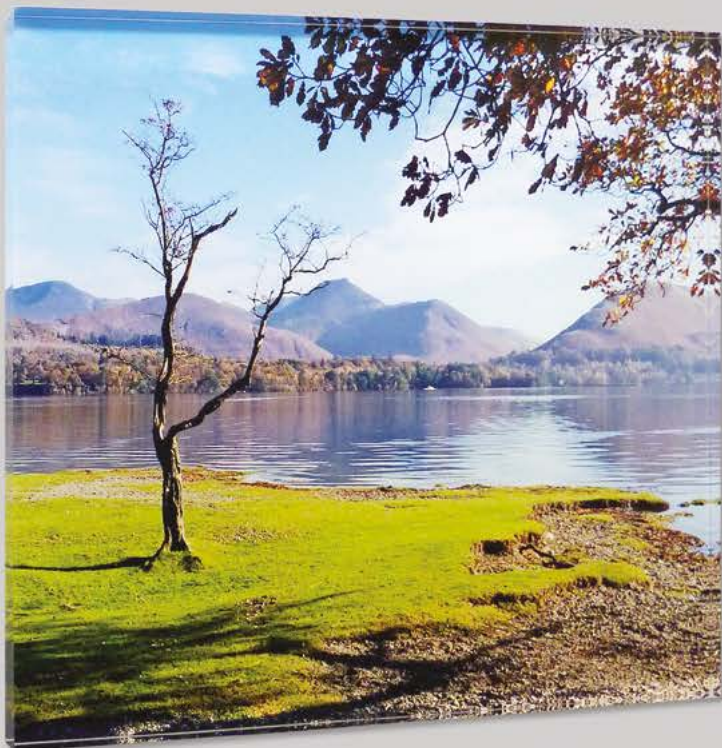
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Checkmate fire

Why passive fire protection is a sensible investment

Effective and well-maintained passive fire protection should be a key feature of the fabric of every building - and not only because it helps to keep the occupants safe in the event of a fire.

The fires, whether accidental or arson, also result in financial loss running to tens of millions of pounds, pose a great risk to businesses and ultimately jobs and inevitably means higher insurance premiums.

However, insurers do react positively to the implementation of safety measures and having third-party certified passive fire protection measures in place can help to reduce premiums.

What is third-party certified installation?

Specifying a third-party certified passive fire protection product in line with the guidelines for its use, means you can be certain it will perform well in the event of a fire, as long as it has been installed correctly. This is where third-party passive fire certification come in. It of course crucial to ensure those products are firstly chosen correctly for the job and fitted correctly to maintain compartmentation, which is why installer certification schemes were also developed.

For these schemes, the accreditation bodies evaluate the competency of installers through regular audits of the contractor's procedures and processes and site inspections to confirm tasks are being completed to a standard that provides the maximum level of fire integrity.

Checkmate Fire are proud to have both been founding members of the BRE / LPCB passive fire protection certification scheme and to have maintained our accreditation ever since not to mention they also employ their own inhouse auditing team to inspect every single job.

Maintaining passive fire protection

Passive fire protection measures need to be properly maintained to be effective. Fire doors are susceptible to damage from being wedged open or vandalised, electrical and IT repairs can result in fire barriers being drilled through to run cabling.

A regular inspection regime is a sensible idea, as this will allow problems to be spotted and fixed at an early stage - rather than finding out about them in the worst circumstances.

A third-party certified contractor will not only implement a maintenance plan and carry out any required remedial work, they will also be able to recertify



the system once the job is complete, helping to ensure your premises comply with regulations and insurance requirements.

As with choosing a third-party certified passive fire protection contractor for installation and refurbishment projects, using one for maintenance work is an investment that could help you to save money in the long-term with lower insurance premiums and reduced disruption in the event of a fire.

Checkmate Fire are one of the most established, experienced and accredited passive fire protection companies in the UK market with a real passion for providing clients with the best possible standards in order to protect people, property and business.

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Altering the diagram of the terraced house

Having just had their third child, the owners of Hugo Road asked us to re-think the way in which the house could work for them: in particular, how the existing space could be reconfigured to accommodate a growing family. They were struggling to cope. They needed a 4th bedroom and considerably more storage space. They also needed a home workspace. The house seemed far too small and the alternative would have been to sell and move to a bigger house, invariably in another neighbourhood; another school district.

The house was almost big enough. It had been extended once before, gaining bedroom 3 and an award-winning kitchen extension. The problem was that it had too many living rooms, no storage and still not enough bedrooms.





This problem was a function of its diagram. Being a typical terraced house with the entrance at raised ground floor meant an entire level was set aside for reception rooms that were seldom used.

One was a de facto home office and the other was a dumping ground. Accessing the kitchen and garden at lower ground level – the heart of the house – required entering at the raised ground level and then going down again.

The circulation pattern needed to change. The diagram needed to be altered.

If we could retrofit a new entrance directly into garden level then we could refurbish the raised ground level into something more useful.

We said, “Why not make another entrance on the side of the house, one that directly accesses the lower ground level between the kitchen and the family room?”.

That way the upstairs living rooms could be part of the private realm.

We utilised the narrow side passage to make a slender, 2-storey extension to the side of the house, connecting the lower level to the street, and creating service spaces that link back into the main house through doorways in the fireplace alcoves.

The extension also allows access directly to the garden from the street, in case you want to go straight from the front to the back without going inside the house.

If you had a muddy, wet dog with you for example. Or a bicycle. Or a child. Or multiples of all three.

The project started in August 2014 and spent two years in the design stages.

With the owners we poured over every detail. We visited joinery shops and window manufacturers together.

We tendered, value engineered and then tendered again. Despite numerous increases in scope resulting in the refurbishment of the entire house, the project was delivered well ahead of the Christmas deadline and £12,000 under the £400,000 budget limit. Construction commenced in February 2017, and upon completion in December the owners exclaimed the house was "exactly the game-changer they had hoped it would be."

Photo Credit: Matt Clayton
www.mattclaytonphotography.co.uk



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If there is a specific product specification that is required, they pride themselves in being able to work with you to develop products tailored to your requirements, right the way through to delivering to the end user if required.

LeisureBench bespoke work has recently included planters that were made out of hard and soft wood for large and small areas and innovative scaffolding furniture using scaffold boards as tops for a major pub chain in the West Midlands.

The team can help you in the design of your outdoor area and suggest innovative solutions with ways to make it customer friendly and attractive.

The company can also source products for you if you have something special in mind, as they have done for many of their customers.

The LeisureBench range covers domestic and business markets and they have built their reputation on excellent service and after sales care to the pub trade, hotels, holiday parks, Local Authorities, purchasing organisations, the hospitality sector and many more.

Stock items cover a multitude of products:-

A huge range of Rattan furniture includes tables, chairs, dining and sofa sets in various shapes and designs. They are stylish and practical and almost maintenance free. There is a stunning collection made from Grade 'A' premier teak that includes benches, in different styles and sizes, with an optional plaque and engraving service, plus tables and chairs that will stand the test of time.

The LeisureBench Madrid set made from reinforced polypropylene, offers the aesthetic appeal of Rattan furniture. It is injection moulded, meaning it will never sag or unravel, giving extra longevity and is completely weather resistant.

LeisureBench has a large range of polypropylene chairs in many exciting colours.

Picnic tables can be supplied in an abundance of designs and sizes in round or 'A' frame styles, some of which have been pressure treated for long life. There is even a walk in picnic table designed to be easily got in and out of.

Recycled plastic, Hardwood tables and chairs, lightweight aluminium range, table tops with steel box bases, parasols and accessories and much much more can all be viewed on the LeisureBench website www.leisurebench.co.uk. Whichever sector you are looking to purchase for, all are welcome to buy from their current trade website.

You can also contact their dedicated sales team by email at sales@leisurebench.co.uk or by telephoning 01949 862920.

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For details of our full range, visit our website www.leisurebench.co.uk



Online And In Touch – The Digital Way Ahead

Chris Goggin of Rinnai looks at the way to the future, for installers, specifiers and end-users, with an online and fully digitalised approach to trading in today's world.

Today's world is driven by fingertip operation on a computer, Smartphone, tablet – or even a watch. 'Digitalisation' has interrupted and reset the way all businesses of all sizes operate.

'Digitalisation' is simply the integration of digital technologies into all seconds, minutes and hours of everyday life. It dictates, virtually all communications between installers and their customers – and suppliers. If a business chooses not to embrace the opportunities of

digitalisation and remains in a state of denial then it is highly likely to be left behind and fall away from competitors. The evidence is here - the rise and rise of online purchasing has already accounted for major names in retailing going into administration and ceasing to trade. Online buying is now across multiple device formats, along with the streamlining of product or service information available to consumer bases.

The world is now digital. Finding the ways of employing and utilising this new digital space is key in maintaining a competitive edge within your sector of plumbing and heating installation and contracting market.

The leading manufacturing companies are creating online contact points, information and support services that are fully digitalised and accessible on any device.

Tailoring this information so that it is personalised to target customers, geographically and demographically, is a strong and advanced method of ensuring complete service offerings, in a streamlined and effective way.

And the benefits? Time and cost efficiency dramatically increases in talking to anyone involved in the supply chain. It gives a platform to engage with manufacturers at any time of day and from any site.

For specifiers and consultants who need reliable products and information, engaging with a fully digitalised manufacturer, with integrated BIM shelf and associated sales support as a core competency, will deliver this without question.

For end users, too, this accessibility leads to peace of mind. A digitalisation strategy is, at its core, aiming to ensure the customer is central to company thinking and long-term goals. Competing in the new wider, and online, industry requires the most advanced, personalised and hassle-free offering to the end user in this manner is extremely important.

Brand knowledge and trust now requires transparency and direct accountability, and so Twitter and other social media platforms, are also a key area for engagement and information flow.

Social media enables interaction and mediation with emergent groups (even regular online reviews which can be both good and bad!) while enhancing and protecting a reputation.



For more information on the RINNAI visit www.rinnaiuk.com





Charton Road

The brief called for a new kitchen and dining area, so that the house has a greater connection into the re-landscaped garden.

The existing spaces were re-planned to flow seamlessly into a new sunspace that opened directly into the garden.

The large glass sliding pivoting glass door opens up half of the rear glazed elevation, onto a decked area with a reflective pool.

A utility room and WC are discretely hidden behind a walnut-clad wall, which also provides additional access into the garden.

We designed the extension to take advantage of the south facing orientation. As the sun tracks around the house from east to west, daylight

is captured through the clerestory windows in the morning and evening, and during the day the water feature reflects dappled light onto the ceiling of the sunspace. We also used a white lye finish to the solid oak flooring to bounce light deeper into the plan.

ENVIRONMENTAL STRATEGY

Due to the age of the house, the heating and electrics for the house were completely upgraded as part of the works and the utility room houses the new energy efficient boiler and HW system.

In order to mitigate the effect of run-off from the new roofs, rainwater is harvested in a novel way.

The rainwater from all of the roofs drains into a butt concealed behind the



existing WC and utility room, which then overflows into the water feature. When the water feature is full, this has an overflow channel into the soakaway which is located under the decking.



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Images courtesy of:

Morely von Sternberg



Cistermiser launches innovative temperature monitoring system LinkThru

Intelligent washroom controls and water efficiency specialist Cistermiser has launched LinkThru, the groundbreaking temperature-monitoring platform that is set to change the way hospitals and healthcare facilities manage infection control.

Approved Code of Practice and Guidance L8 (fourth edition), published by the Health & Safety Executive (HSE) in 2013 with technical guidance published separately in HSG274, states that all duty-holders, including employers, those in charge of premises and those with health and safety responsibilities for others, have a responsibility to manage and prevent the onset of Legionnaires' disease from potential legionella contamination of a building's water systems.

www.ourworldiswater.co.uk



Safer Heating For SEN School

Safe surface temperature specialists, Contour, have recently completed a project with Walton Hall Academy to provide LST safety radiator guards to the school that will protect students from burns and reduce the risk of injuries around their radiators.

Walton Hall is a special educational needs school in Staffordshire. Their previous radiator covers needed to be replaced to allow staff easier access for cleaning and maintenance as students were often pushing small items through the grilles.

With close consultation to their needs, Contour provided 19 DeepClean LST radiator covers with radius edges and bullnose corners, which eliminated the risk of children injuring themselves on sharp edges. The DeepClean design also features pencil proof grilles, which addressed another one of the schools problems.

To read more on this case study visit the Contour website at: www.bit.ly/2IADhqf



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Dennert Poraver GmbH develops an insulating render formulation using aerogels and expanded glass



Aerogels are ultralight and consist of up to 99.98% air. They therefore have a very low thermal conductivity and are increasingly used as insulating materials in construction products.

Mineral-based Aerogel insulation renders achieve high thermal insulation. They are suitable for rendering masonry on buildings. They are classified as "non-combustible, smoke-development

free and non-dripping" and can therefore be used for facades where previously mineral wool-based insulating materials had to be used for fire protection reasons.

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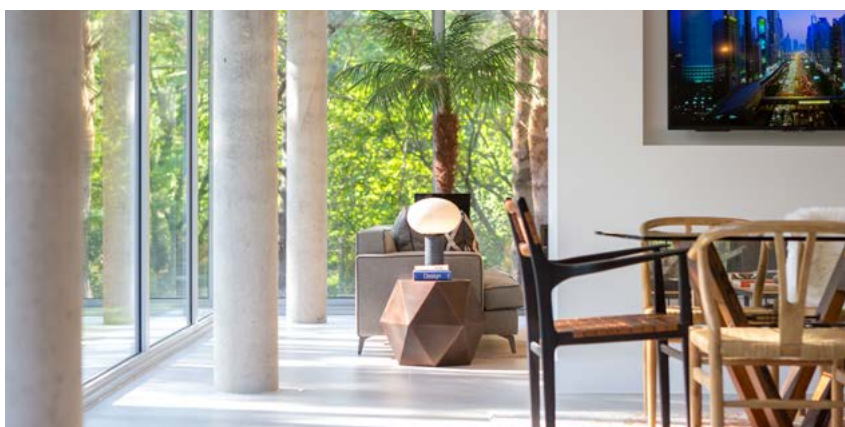
David James Architects

Ortega is one of three luxury houses known as 'Luscombe', designed by David James Architects for renowned developers Excellare. The site occupies a spectacular natural wooded setting presiding over Poole Harbour, with views to Brownsea Island and the Isle of Purbeck beyond. Conceived from the concept of 'organic architecture', the design amplifies the harmony between the dwellings and their settings. The house design complements the sylvan setting allowing the occupants to feel at one with their environment. David James Architects undertook the planning, detailed design and interior architecture for this project.

Set in the largest plot at Luscombe, Ortega makes the most of its position within this verdant enclave, with its open plan living space and terrace overlooking the adjoining trees and grounds. The house is solidified into the ground with natural stone, from which light horizontal aluminium elements link vertical timber fins, which compliment the sylvan surroundings. Ortega has been designed to express a feeling of light with suspended elements in space, with floor to ceiling glass seamlessly integrating inside and out, whilst framing views. External materials fuse the inherent beauty of natural

materials with an inspired aesthetic: western red cedar, zinc cladding and glass exude modernity, while Portland Stone expresses local Dorset character.

On arrival, one is struck by the cavernous, naturally illuminated double volume entrance hall from which all areas on the ground floor can be accessed. The entrance is flooded with light from the large overhead roof lights. A first floor bridge dissects this space and allows access to the study. The use of contrasting, tactile materials adds further to this space. Norstone stone cladding wraps around the central wall from which the



bespoke walnut open tread staircase emerges. In-wall feature lighting follows the treads up to the first floor.

The interior detailing has been carefully considered. Individual specialist doors have been fitted throughout. The bespoke walnut tread staircase was designed by the architect, along with other additional interior architectural features which add to the individuality of this exclusive home.

Ortega features innovative home technology and sustainable features. The house has been fitted with an integrated lighting / home automation infrastructure, with programmable

mood lighting to the ground floor, landing and Master Suite. Solar photovoltaic panels have been installed on the roof, providing energy and enhancing the building's sustainable credentials. Large expanses of solar control glazing and roof lights allow for natural light to enter the house and reduces the need for artificial lighting.

Externally, new landscaping enhances the native plants, existing trees and complements the architecture. Ortega is approached via a private road with electronically controlled entry gates leading to the three houses at Luscombe.

Ortega is a unique, exquisitely designed family home, nestled in amongst the trees. Cutting edge architecture married with luxury and refined detailing, have created a truly unique family home.

Photography by Tom Burn Media



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ARP Overcome Curved Fascia Challenge with Bespoke Rainwater System

Kennett Brothers Ltd is a roofing company who also build and refurbish premium quality family homes, providing a blend of style and practicality. Their latest project involved major remodelling of an existing property in Sevenoaks, Kent.

The client's main challenge was to find a rainwater solution that dispersed the rainwater effectively and fit the curved fascia detail on the newly built orangery extension.

ARP's Legion pressed aluminium box gutter and Colonnade aluminium flushjoint downpipes, both Polyester Powder Coated (PPC) in RAL 9005 black matt finish were the products chosen and samples of the product and PPC colours were supplied to the client, so he could be assured of the quality.

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CROSSMAN HOMES TO BREATHE NEW LIFE INTO BRISTOL'S WHITFIELD TABERNACLE

Bristol's iconic Whitfield Tabernacle, one of the most at risk Grade One listed buildings in the UK, has taken a big step towards being saved thanks to a partnership between Crossman Homes and the Whitfield Tabernacle Trust. The building dating back to 1741 and widely regarded as the birthplace of the Methodist movement will be renovated and redeveloped as a community space.

Simon Ellis, Crossman Homes said: "We're delighted to be part of this exciting development. Our involvement provides the first realistic proposition that this 'at risk' Grade One Listed building can be saved from collapse, bringing it back into good use for the community."

www.crossmanhomes.co.uk



A VIEW TO THRILL

When Scottish housebuilders Ryce Ltd were looking for a high-quality glazing solution for Salisbury View – its latest development in East Edinburgh – REHAU's Tritec profile was its trusted choice for large span windows and a modern finish to connect the building with the surrounding natural beauty.

Established in 2000, Ryce Ltd is a small housebuilder working on schemes across East Central Scotland. The company has developed new build houses and apartments in Edinburgh, Fife and East Lothian, and specialises in transforming distressed sites into high quality housing.

Salisbury View is the company's latest project, consisting of six 2-bedroom flats, designed to deliver modern, open-plan living to homeowners.

For more information please visit www.rehau.uk/windows

Helifix Dixie micro-piles used to support Air Chief Marshal statue

More typically used to support and stabilise buildings, the versatile Helifix Dixie piled foundation system has recently been installed at The Battle of Britain Bunker Museum, RAF Uxbridge, to support a statue of World War II hero, Air Chief Marshal, Sir Keith Park.



Due to the proximity of this new statue to both electrical and drainage services, Dixie micro-piles were selected as a reliable and cost-effective alternative to traditional concrete foundations.

For project-specific technical advice on the use of Dixie micro-piles, for both temporary and permanent foundations of new build structures or remedial support

for existing buildings, please contact the Helifix team on 020 8735 5200. Alternatively, go to www.helifix.co.uk/ videos to watch a step-by-step installation and download relevant technical brochures.

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James Latham recently supplied 5m³ of super prime grade Walnut to one of their customers who have used it to create some spectacular doors as well as privacy screening for an outstanding, high-specification residential property in Lancashire.

The project has seen twenty-three 2.7m high doors manufactured and installed by specialist bespoke handcrafted joinery company, Woodside Designs of Blackpool.

Eleven of the doors are handle-less, incorporating grooves for handles, plus there are also 3D-hinges, and drop-down seals as well as top-end Swiss and German ironmongery throughout.

In addition, a breath-taking, 'living' privacy screen has been created and framed in super prime Walnut which features lush foliage and dense greenery, invoking an instant

calm and tranquil atmosphere whilst simultaneously cleansing the air of toxins.

Carl Hulme, Timber Sales Representative for James Latham Leeds, who supplied the timber commented, "This project is simply stunning. The doors look amazing and the living privacy screen makes a real statement with the abundant greenery offering a stark contrast to the clean white walls.

"The colour of super prime solid Walnut boasts a unique earthy brown hue which varies between cinnamon and chocolate and it also finishes beautifully, giving an excellent decorative appearance due to its outstanding grain, colour and pattern. This coupled with the bespoke workmanship on both the doors and screens have produced an outstanding interior space."



James Latham's range of North American hardwoods is second to none. As well as super-prime grade Walnut, Latham offers American White Oak, Cherry, Maple, Ash and Tulipwood, all available directly from stock via its eight-strong nationwide network of timber depots.



www.lathamtimber.co.uk
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 0116 257 3415.



Binibeca House

The Binibeca house is located in a privileged environment in the south coast of Menorca, it was one of the very last plots available to build an exclusive contemporary Mediterranean home.

The project is based on 2 main concepts, one is to enhance the relation with the wide open views of the Mediterranean sea, and the other is to create a wide open living space which connects interiors and exteriors to merge them into a single space.

The first concept was achieved by framing the views towards the sea, and the second concept is achieved through the following elements: a great 5 metre wide pergola that protects the exterior from the strong mediterranean summer heat, through the use of sliding doors that are completely hidden into the facade, and through the incorporation of a central patio; All these elements enhance a visual connection between the 3 spaces, creating an open wide living space experience.





The house includes also 5 suites, and a set of patios that help light the underground spaces.

Rustic materials were used to create the house, to reinforce the connection with the island, and to enhance the great textures of drystone walls, white colours and the playful combination of shadows produced by the pergolas designed for the house.



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The Crow's Nest

AR Design Studio was approached by the clients who were looking to extend their holiday home on a cliff top on the South Coast. During the planning process, and due to an unprecedented amount of rainfall during the winter months of 2014, concerns about movement in the land were raised and a decision was made to replace the house entirely.





AR Design Studio was then tasked with designing a completely new home; the idea of movement and fracturing formed the backbone of the concept. Working closely with engineers Eckersley O'Callaghan, an imaginative structural solution was proposed to prevent future failure.

A concrete slab was built into the ground, a series of strategically placed dwarf walls were then built on top of it. A floating structural frame was then laid on top of the walls to act as an adjustable raft in case of future movement. Beneath the frame, there are specific places for mechanical jacks to be positioned so that the house can be securely re-levelled.

The design concept starts as a traditional cabin-like-form that then splits, twists and rotates, resulting in four pods.

The outcome is a beautifully haphazard rough-sawn larch clad house that silhouettes against the wooded backdrop.

The clearly defined entrance pod, the smallest of the four, guides you through the hallway into the central pod; the main living space comprising of kitchen, dining and living room. The extensive sliding glass draws one into the stunning coastline setting, with uninterrupted views of the English Channel beyond a floating timber deck.

The tower pod houses the large open plan master suite, situated on the first floor above a children's bedroom, utility room and shower room on the ground floor.

The right-hand pod, at the opposite end of the house, consists of the guest quarters; a bedroom, two bunk rooms, and a bathroom.

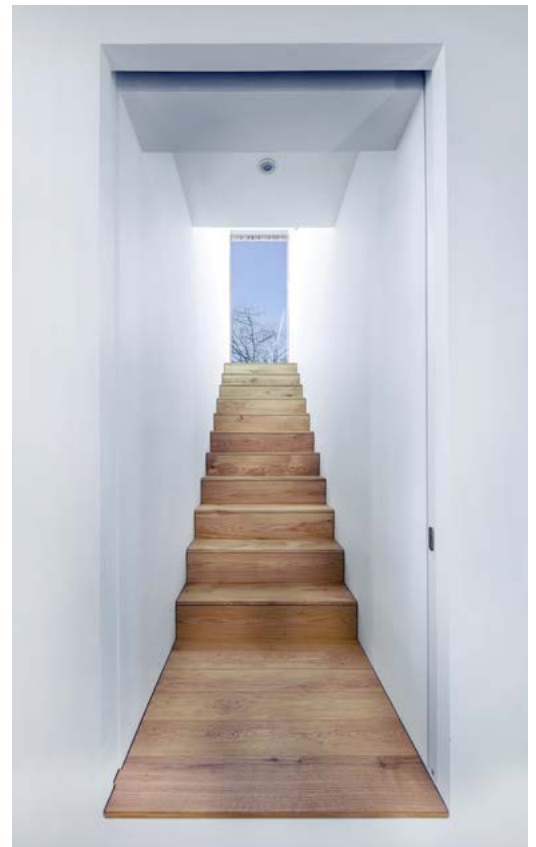
This entire section of the house can be closed off when not required.

The result is a playful and calm space for the owners to enjoy weekends with family and friends whilst taking in the spectacular and isolated location in which it sits.



Images by: [Martin Gardner](http://www.martingardner.com)
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The show that's got decorating covered

On November 27 and 28, the decorating trade will convene at Coventry's Ricoh Arena for the 2018 National Painting and Decorating Show.



For professional decorators, contractors, merchants and stockists, this is the annual trade event that has the entire decorating sector covered.

Paint and wallpaper, preparation tools and applicators, colour trends and time-saving techniques – show visitors will see the latest in product innovation as well as plenty of trusted best sellers.

From Dulux, PlastiKote, tesa and Wagner to Brewers, Crown, 3M, Graco and Benjamin Moore, the 2018 show will again feature hundreds of products, brands

and suppliers revealing the latest trends and textures making news across the decorating market.

The National Painting and Decorating Show provides visitors with a valuable networking opportunity to meet exhibitors face-to-face, find out who's doing what in the decorating industry, and exchange ideas and solutions with like-minded decorating professionals.



For FREE tickets, visit www.paintshow.co.uk

Ronseal adds pioneering product to BBA certified woodcare range

Ronseal has expanded its bespoke trade range of BBA accredited wood care products to include the new Ronseal Trade 10 Year Woodstain.

The range of Ronseal Trade products was launched in April 2017 following research with merchants and end users that identified an increased demand for Ronseal's well respected woodcare products in the trade segment.

The innovative new 10 Year Woodstain product helps professional tradesmen protect exterior wood for even longer. Rainproof in only one hour and with added protection to resist cracking, peeling and blistering, its unique formulation means you only have to paint exterior windows and doors once and they will stay protected and looking great for the next ten years.

The revolutionary product - the only one promising a decade of weatherproofing on the UK market – has been created by Ronseal's Research and Development team using new resin technology to provide a barrier against whatever the great British weather tries to throw at it, including UV rays and wet, cold, icy, conditions. Like the original nine products in the range, Ronseal 10 Year Woodstain has been independently accredited by The British

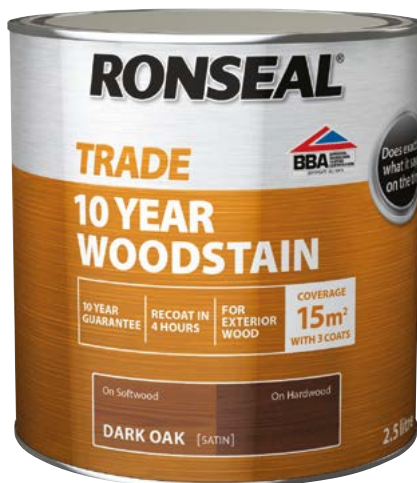
Board of Agrément (BBA), an independent certification recognised throughout the industry as a symbol of quality and performance.

Mark Pereira, Trade Product Manager at Sherwin Williams, said: “We've had a wonderful response from trade channels since we re-launched these products in April 2017, and we're certain the 10 Year Woodstain will be just as welcome for our trade customers.

“The product has been designed to help make the lives of professional builders and tradespeople that much easier. The decade of protection it provides, as well as its BBA certification offers added assurance of quality from an independent body.”

As well as Ronseal Trade 10 Year Woodstain, the range includes:

- Ronseal Trade Decking Protector
- Ronseal Trade Total Wood Preserver
- Ronseal Trade Fencing Stain
- Ronseal Trade Crystal Clear Exterior Varnish
- Ronseal 5 Year Woodstain
- Ronseal Trade Danish Oil
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The complete package:

The latest laminations from VEKA with a full spectrum of support

Industry-leading systems supplier VEKA Group has added another string to its bow, for the benefit of fabricators and installers. The Burnley-based PVC-U giant now offers perfectly colour-matched laminated mouldings.

And, for a year that has seen the window systems supplier increase its ex-stock offering to 16 combinations, from its 29-strong Variations colour collection, and launch the Imagine Bi-Fold Door in Grey Base; this latest piece of news that VEKA has created a simple (and fast) supply solution for matching laminated mouldings, further proves the company's commitment that its customers' success is integral its own.

Marketing Director Dawn Stockell explains: "VEKA Group continues to make significant investment in our lamination department for the benefit of our customers. We know that this is one of the fastest growing areas of our industry, and laminated product currently makes up 39% of VEKA and Halo profile sales, which is well above the industry average.

"We've partnered with Allied Profiles to create a comprehensive laminated moulding offering that perfectly complements all the colours in our Variations range. This makes for the ideal professional finish to any project. Customers can order online for direct deliveries, so there's no need to visit a trade counter and, obviously, no longer any need to spray mouldings during fabrication."

The significant investment in lamination by VEKA Group was announced earlier in the year as part of a £5M budget allocated for plant and machinery, which included acquiring a building adjacent to the existing VEKA HQ; increasing the former 380,000 sq ft site by a further 40,000 sq ft and expanding lamination capacity by a staggering 50%. As a large, and long-established company, VEKA is proud to be light footed and adaptable to changing market trends.



As such, as the last few years has seen demand grow drastically in specific areas, VEKA has, in turn, stepped up to the plate by adding Anthracite Grey Smooth to its ex-stock list this summer, as well as Cream to the Vertical Slider in both VEKA and Halo systems.

The increased lamination capacity though, doesn't just speed up production and output of the more popular tonal trends, it also means VEKA can respond to smaller runs, and 'quirkier' orders faster; getting the profile to fabricators more quickly, so that installers can complete jobs efficiently.

When it comes to colour, providing products that fit the bill is just beginning, and each VEKA order also comes with a full spectrum of support from start to finish, as Dawn explains: "Here at VEKA, we go above and beyond to offer a level of support that is unsurpassed in the industry, from marketing materials and guarantees, to sales support, technical advice and much, much more.

This is just another example of the team demonstrating our partnership approach in trying to make every aspect of our customers' working days a little easier.

"In the face of a relatively flat market, VEKA is proud to be part of a Group that will continue to invest in order to see our partners succeed."

"This year's investment in plant and machinery is not only about increasing the potential volume of our output, but more importantly, supporting customers with flexibility and efficient service."

"This means that they can further build their businesses upon our reputation, and provide an equally flexible and efficient level of service to delight their customers, be they homeowners or commercial specifiers."

Call 01282 716611 or email salesenquiry@veka.com to order a brochure and learn more about laminated mouldings, including pricing, lead times and technical spec.

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Established in October 1982, Touch Ironmongery is one of London's leading ironmongers. Originally called "A Touch of Brass", the firm changed their name in 2003 in reaction to slowly advancing market changes in architectural ironmongery which is no longer supplied solely in brass, and to also reflect the broader range of products and finishes that they sell.

In fact today, Touch can supply a wide range of finishes including Brass, Satin Brass, Polished Chrome, Satin Chrome, Polished Nickel, Satin Nickel, Copper, Bronze -solid and plated, BMA, Antique Brass, Black, Pewter, Ceramic, Leather, Stainless Steel, Satin Stainless Steel, Gun Metal, and the list keeps growing. Whatever finish you require, Touch can help you get the right look.

Touch occupy their recently refurbished showroom at 210 Fulham Road, Chelsea, where they display a vast range of their 5,000 products. With a customer base including Interior Designers, Builders and individuals who are interested in the top end of the

Ironmongery market, Touch mainly supply to residential premises but hotel and office properties also contribute to their vast clientele.

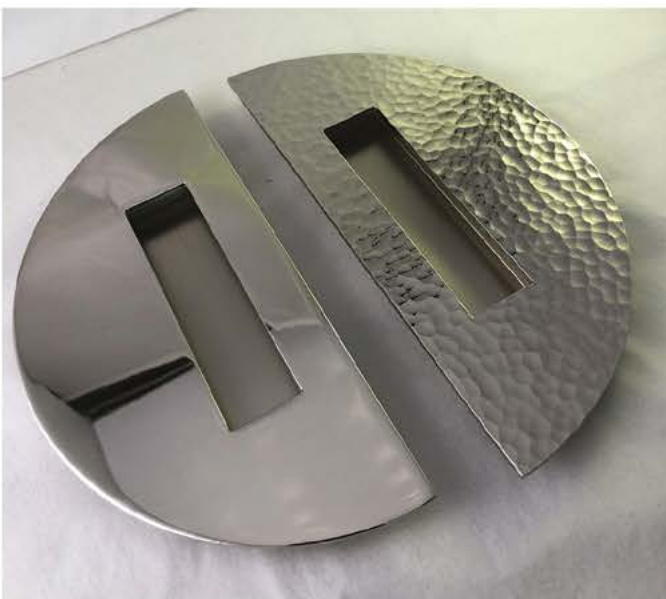
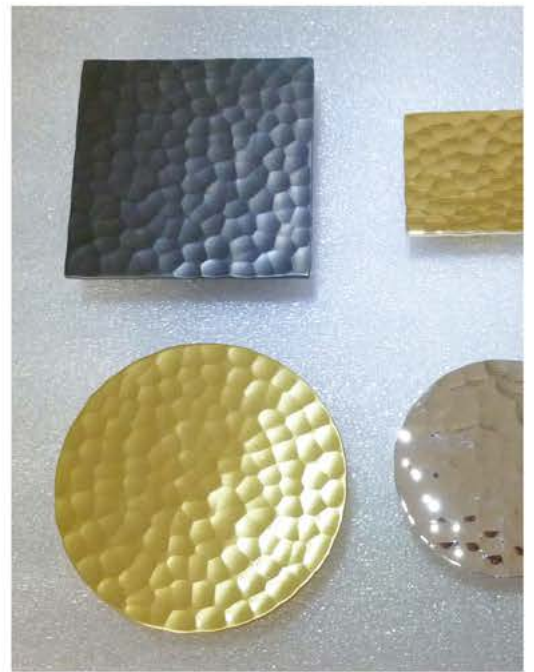
The company also have a healthy export market to all corners of the world, namely the Middle East, Europe and the Americas. Touch's owner and founder, Bill Benham, has 33 years' experience in the ironmongery trade, as do his colleagues Jim Haselup and Alan Blanchard. Saleem Qureshi is the newest member of our team and has 10 years' experience, meaning their knowledge is unrivalled in this industry.

The range of products supplied by Touch date from circa 1640 French (Louise XIV) and cover all subsequent periods (Georgian, Edwardian & Victorian), art deco and contemporary pieces also make up the product ranges. In addition, Touch showcases the very best of British manufacturing; the best ranges are still produced in the Midlands by craftsmen in factories dating back 200 years or more. Touch also sell European manufactured goods

which is considered to be of a very good quality and in recent years they have introduced some of the far eastern made products, albeit in a limited range but cost effective. With trends continuously evolving, new innovative products are constantly under development. Touch understand that keeping up with the fashion-shifts is imperative in order to provide every customer with the best solution for their requirements.

Ironmongery can be a difficult and complicated aspect of a building project, as a result Touch aim to take this awkward aspect and make it user friendly and clear to understand by offering an on-site service where they carry out a detailed door by door, window by window, room by room Ironmongery schedule, highlighting all requirements and identifying any items that can be refurbished. Refurbishment is a large part of the business; Touch will undertake complete ironmongery refurbishment projects, and can restore old paint covered door furniture to their former glory, looking as new, at a fraction of the cost to replace.

For more information about Touch Ironmongery or to arrange a showroom visit please call 0207 351 2255 or alternatively visit www.atochofbrass.co.uk



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Knock on wood

What to look for in a front door

Whether it's to hide behind or make a statement with, your front door is the defining element of the public facing exterior of your home. It's the strangers' first impression as they call on you, and it's the portal to your own little haven after a long day. It is also crucial for your home security and can play a significant role in your home's energy performance. As such, it needs to be robust and expertly fitted as well as looking stylish, so it's worth taking the time to consider what you should look out for when you're fronting up to getting a new door.

Bespoke joiners David H Wright advocate that a solid wood door remains the wise choice for an Englishman to choose for his castle, large or small. Technology in terms of wood door manufacture has come a long way since the builders of the Middle Ages constructed their mighty doors - which even so have stood the test of centuries, as you can see in many of our listed properties.

Today, new techniques in timber treatment mean that timber now outstrips the plastic imposter, UPVC, in terms of performance, as well as excelling in terms of aesthetic appeal. Solid wood front doors are without doubt the clear choice for home owners with period homes and for newer home owners who are interested in an environmentally superior product for their property.

Manufactured in the traditional way using mortis and tenon joints, a new solid wood front door will endure for the lifetime of the property. There is plenty of scope for contemporary styling as well as traditional designs.

David H Wright finds that the classic panelled door remains a firm favourite with customers. Available in a choice of woods, you can choose glass panels and stunning paint finishes to really have your door tailor-made to suit your taste and the style of your property. Sidelights, fans and arches all add

character and the use of special clima-control glass helps to control the temperature regardless of the external conditions.

Safety and security is paramount. The firm recommends that doors are fixed with either a traditional style five lever mortise locking system, or the European standard Multi point locking system which comes fitted with a 3 star rated cylinder providing the ultimate in security.

The door furniture is as much a part of the design as the door itself. From traditional hinges and handles to state-of-the-art fixtures, there is plenty of choice for you to add the final touch.



For more information on refining your front door, contact Sharon Wright and the team on 01977 681832 or at www.dhwjoinery.co.uk

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Secured by Design (SBD) is a security standard set by the UK Police Flagship initiative.

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Rosso Maniglie is part of Zoo Hardware Ltd.



Steel screens for stylish interior spaces

While steel doors and windows are synonymous with rugged performance and slim sightlines, the distinctive frames offered by members of the Steel Window Association (SWA) are also increasingly being chosen to help create stylish interior spaces for locations such as restaurants, hotels and residential properties.

These internal partitions are normally fabricated using the W20 sections, rather than the higher energy performing W30 or W40 systems favoured for exterior openings. Whilst the majority of screens installed are single glazed, some clients still often select double glazed screens – featuring 16mm Krypton filled units. This enables spaces like wine stores to be kept chilled, while diners enjoy warmer ambient temperatures.

For further information on the Steel Window Association, please visit www.steel-window-association.co.uk or call 020 8543 2841



Croft introduce seven new Mortice Knob designs to the portfolio. Classically designed, distinctly contemporary

With an emphasis on achieving impeccable quality and sophisticated designs, the new additions are a welcome extension to the Croft portfolio and fitting for the highest end of the residential, hospitality and commercial markets. Using a blend of state of the art machinery and hand craftsmanship, the new Mortice Knobs are manufactured by a skilled team of artisans in the Croft factory, deep in the heart of England. These classic, timeless products are instilled with luxe modern design touches and crafted from the finest quality British brass. Available in over 20 stunning finishes, the new mortice knobs are specifically designed with correlating covered Roses to achieve an intense luxurious look and feel on the door.

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ASSA ABLOY Security Doors boasts impressive track record with London Underground and Crossrail projects

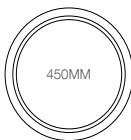
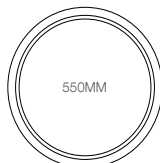
ASSA ABLOY Security Doors, a UK division of ASSA ABLOY, the global leader in door opening solutions, has secured a series of high-profile contracts with Transport for London and Crossrail Limited. These contracts have included supplying and installing security doors for major London Underground redevelopments including London Bridge, Bond Street and King's Cross, as well as station upgrades such as Victoria.

ASSA ABLOY Security Doors has then gone on to secure multiple contracts within the Crossrail construction programme. The new Transport for London-run Elizabeth line, built by Crossrail Limited, will open from December 2018 serving 10 newly-built accessible stations.

For more information on ASSA ABLOY Security Doors, visit <http://www.assaabloy.co.uk/Security-Doors>.

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Wood vs Timber Alternative Windows – Can You Tell the Difference?

Windows made of uPVC versus wood are a great social divider, much like hot tubs, solar panels and fake grass!

Not so long ago most windows were made of wood. But during the 1960s improved uPVC manufacturing quality created a low cost, easy-to-make alternative that now accounts for 90% of all new windows installed in the UK.

The use of uPVC has been under attack for a number of years, primarily because of its association with chlorine chemistry. However modern uPVC is durable, low-maintenance, recyclable and performs well in life cycle assessment tests.

Evolution Windows have addressed the issue of offering the benefits of both wood and uPVC with their Timber Alternative Storm and Flush ranges.

Every aspect has been meticulously designed and hand crafted to authentically emulate traditional timber windows.



Taking inspiration from classical windows blending intricate period detailing and authentic colour options with advanced material technology and innovative design to create a unique window, which offers unrivalled aesthetics and a virtually maintenance free solution.

Prices for Evolution timber alternative double and triple glazed windows, supplied and fitted, start from £1000 for a window measuring 100cm W x 100cm H including installation.

For further information visit
www.evolutionwindows.com
tel 0800 773 4045.

glow

heated glass bi-folding doors



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Visit our showroom to feel for yourself the benefits that 'glow' heated glass offers. Please call: 0845 340 0200



Hill Road

A stunning modern 3-storey home was created by replacing an existing 1950s bungalow and re-positioning the building to maximise views over the surrounding Essex countryside.

The design is a modern take on open-plan living, providing flow and privacy for a multi-generational home.

The main entrance is angled, creating space for a central feature staircase housed within a render wrap/slate facade.

The split-slate cladding provides a textured feature to the entrance and relates to the dark grey slate roof of the property, tying the colour palette together. The front of the house is flooded with natural light from the glazed curtain walling to make a dramatic entrance to the property.

When designing a residential space, the type and size of windows and doors is important, as they set the tone for the whole project.





For this property differing window placements create drama as well as framing the view from different vantage points. The master suite with vaulted ceilings introduces unique angled windows, matching the pitch of the roof and balcony.

A simple selection of materials complements the property's unique form, creating a stunning piece of architecture.

www.cleararchitects.co.uk



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pallets offers stunning options to create remarkable designs and colour schemes which are only limited by your imagination.

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OSMO UK'S FASTEST DRYING WOOD FINISH

Polyx[®]-Oil Express from Osmo UK is a premium fast drying wood finish guaranteed to keep wooden surfaces in top condition. Taking just 1.5 hours to dry in between coats, Polyx[®]-Oil Express offers flooring contractors, specifiers, DIY enthusiasts and consumers with a solution that eliminates long downtime, whilst still providing all the professional features of a traditional oil-based finish.

Ideal for solid wood and plank wood flooring, blackstrip, OSB and cork floors, as well as furniture, Polyx[®]-Oil Express is a high quality, water-repellent and dirt-resistant wood finish based on natural ingredients. It is the fastest drying product that Osmo UK has ever created. It dries within 1.5 hours in between coats when used with the Osmo UK 6632 Hardener.

For stockists and more information, call Osmo UK on 01296 481220 or visit www.osmouk.com



OSMO UK Expands Range Of Wood Adhesives

Osmo UK, the eco-friendly wood and finishes specialist, has expanded its range of wood adhesives with a new durable product developed for use in the home. Introducing the D3 Express Wood Adhesive, a ready to use water resistant adhesive that is specially formulated for use on interior and exterior wooden furniture and joinery.

Application is made easy due to the paste consistency. The D3 Express Wood Adhesive can be easily applied using a mechanical glue spreader, brush, hand roller, or air activate glue gun. To achieve great results, Osmo UK recommends that prior to application, the surface is clean and dry and that the product is thoroughly mixed before use.

For stockist details and more information on Osmo and its range of environmentally friendly wooden products and specialist finishes, call Osmo UK direct on 01296 481220 or alternatively visit www.osmouk.com.



Time to try Composite Prime?

Tasteful, practical and offering a truly sustainable solution, the stylish decking range developed by Composite Prime provides the perfect solution for those seeking an elegant outdoor finish for that special project.

The company's HD Deck[®] ranges utilise the latest composite technology to produce a long life, low maintenance, slip-resistant and child-friendly material which outperforms traditional treated timber.

Highly attractive, it's also environmentally friendly, combining Forest Stewardship Council FSC[®] 100% certified hardwood timber from well managed, sustainable sources and recycled plastics, seen as a crucial consideration in the global campaign to combat plastic waste.

Now available through a network of stockists and resellers nationwide, the full range of Composite Prime products can be found at: www.composite-prime.com



Cosy up this autumn with deep, dark and sophisticated real wood flooring

Conjuring up thoughts of woodland walks and cosy evenings in front of an open fireplace, real wood flooring in deep, dark shades is the perfect way to bring nature indoors and fill the home with warmth this autumn.

Woods such as walnut, wenge and oak are ideal for creating a welcoming ambience in any room, with a beautiful woodgrain that gives the space an individual flair. Working well in any combination, whether teamed with bright, bold colours or coupled with more neutral tones, dark wood flooring is a huge autumn trend.

From making a grand entrance in the hallway, to creating a warm, relaxing environment in the kitchen or bathroom, The Natural Wood Floor Co offers a range of engineered real wood flooring in a variety of hues, that are perfect for autumn and every season beyond.



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Tactiles

‘Tact Tiles’ Antistatic and ESD tiles are perfect for areas such as laboratories, computer suites, electronic assembly areas or any areas where static electricity generation is an issue.

Our Range of ESD (electro static dissipative) tiles are specifically designed and manufactured to prevent electro static discharges from affecting or damaging electrical devices as well as for the safety of employees.

ESD tiles will need a grounding tile for every 80m2, this then connects to a plug socket, with the conductive tape laid every meter in a grid like format beneath the tiles.

Please contact www.tactiles.com for more information



Warranty matters

We were interested to read a recent survey undertaken by the electric water heating specialists, Redring, which discovered that 86% of installers asked stated that the terms of a warranty influenced their purchasing choice. 84% believed that the longer the warranty; the better the product – a belief that was backed up by end users, who also equated a decent warranty with product quality.

With long, even life-time warranties on several of our ranges, we were heartened by this. By offering a decent warranty a manufacturer is asserting the confidence it has in its products, giving peace of mind to installers and their customers.

Schiedel's life-time warranties

At Schiedel, we pride ourselves on developing the very best in innovative,

long-lasting flueing and chimney solutions. We're so sure of our products performance that, for our ICID Plus and TecnoFlex flue ranges, we offer lifetime warranties – as long as they're specified, installed and maintained correctly.

ICID Plus – built to last

Last year we introduced the ICID plus 3-in-1 flue system to our product range. ICID Plus is ideal for traditional stoves as well as more innovative appliances. Pellet stoves, biomass stoves and boilers, mini/micro CHP and even condensing boilers capable of withstanding positive pressure are all compatible with the flue.

The system's outer case is load-bearing whilst the inner liner is free to expand independently, which allows thermal expansion within each and every joint.

It's also designed to be particularly resistant to corrosion with a laser welded 316L stainless steel inner liner and case. This gives ICID Plus a longer lifespan compared to other flues on the market - and installers and customers' peace-of-mind.

As the product is available in a variety of sizes and finishes its a very attractive option for a variety of installations.

TecnoFlex – ultimate flexibility

If a flexible flue is what you need, our twin skin TecnoFlex Plus range is equally impressive. Designed to line an existing flue or chimney, it is suitable for gas, oil and multi-fuel appliances wherever the maximum flue gas temperature doesn't exceed 600°C.

www.schiedel.co.uk

ICID PLUS

Now with a Lifetime* Guarantee



Have you made the connection?

- Designed for the stove market
- Available in two stunning finishes
- Highly insulated
- Simple to fit



Take a look at some fantastic installation videos online at Schiedel.co.uk

Made from high quality stainless steel, ICID Plus makes a beautiful addition to any home. It's as beautifully simple to fit and install as it is to behold. ICID Plus is available in two stunning finishes: black and stainless steel.

Comes with a Lifetime Guarantee.

Please see online for Terms & Conditions

To find out more, visit us at Schiedel.co.uk



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Market Survey Shows Rinnai Tops For Quality Product In Continuous Flow Water Heating

Plumbing and heating engineers have reviewed and rated Rinnai continuous flow units and systems as a leader in a recent survey into hot water heating delivery systems and products, identifying the company as having 'superior quality' to competitor products.

The survey showed respondents - all Gas Safe registered engineers - answered questions regarding overall satisfaction, brand awareness and product quality. Rinnai came top on product quality - and technical service, in particular.

Over 70% of those surveyed stated they were regular customers and identified 'strongly' that 'quality of products' and no 'call backs to site' as being the main reasons for their views.

Over 65% of respondents said that the quality of Rinnai's product offering is 'superior' to the claimed market leaders with a further 85% indicating that the brand, including all elements of product range, reliability, innovation and customer service, is a genuine market leader.

Rinnai units and systems are now the number one choice for large buildings and businesses with a heavy demand for constant hot water or where high peaks of demand occur at certain times.

The water handling capacity is infinite as units can be installed to 'cascade'.

The benefits for the end user are big savings on fuel over other forms of water heating solutions, with the added advantage that there is no need to give up valuable space to install a cylinder.



Rinnai Hot Water – Instant, Continuous, Limitless And Sensibly Economic For Every Type Of Commercial Site...

And there are no standing losses to account for as occur with traditional stored hot water systems.

The Rinnai system produces useable hot water on demand, at the turn of a tap or the push of a shower button.

The relatively compact footprint of the units also means they can be housed in tight spaces and still be easily accessible for maintenance and servicing.

According to Rinnai's Chris Goggin: "We believe our range represents the best value-for-money commercial hot water solution on the market today, and it can be delivered direct to site in one complete, easy to manage package.

Its impressive energy performance ratings also make it a highly desirable development at a time when everybody is looking at decreasing energy bills and maximising energy efficiency."

The condensing process delivers 95% thermal efficiency, which translates to significant energy savings when compared to standard on-demand water heaters.



Rinnai's high efficiency condensing range of continuous flow water heaters, including the HDC1500 with its 96-97% gross efficiency, covers a vast number of requirements.



Rinnai condensing continuous flow water heaters are low NoX, less than 50mg with gross efficiencies of 96-97% and recovery of 740 litres per hour at 50° Delta. All units are A rated on ErP.


For more details on RINNAI products visit www.rinnaiuk.com

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New office refurbishment at East India Dock

As part of the massive £6m transformation programme, air terminal devices from expert manufacturers Waterloo Air Products plc were fitted in the newly refurbished office space for new businesses Anchorage House in London's East India Dock.

This was part of an 11-month programme by P&R Morson, who worked to upgrade the multi-let office accommodation, located at the northern gateway to Canary Wharf.

Waterloo developed the popular mill finish to give architects the industrial styling they want and can be used with exposed or feature ductwork.

As well as air terminal devices from Waterloo, Anchorage House also received new central heating, domestic water services, new lighting and new power distribution.

www.waterloo.co.uk



RIBA accredited CPD presentations available through Grant UK

Grant UK has registered with RIBA and joined their CPD Providers Network, offering RIBA approved seminars to architects and specifiers on air source heat pumps.

Grant UK has produced a free of charge seminar which focuses on air source heat pumps, providing general awareness information for the attendees.

The seminar has been rigorously assessed by RIBA and is consequently worth double CPD points to RIBA Chartered Architects.

The seminar, which is available at venues throughout England, Scotland and Wales, provides an introduction to how an air source heat pumps works before delving into greater detail about specification and installation.

For further details about Grant UK's CPD seminar or to book a place, please visit www.grantuk.com.



Sime's unique integrated heat pump and boiler brings Revolution to the renewables sector!

The Murelle Revolution 30 is the first integrated boiler and heat pump in a single cased product. Using an ErP A++ 30 kW Murelle boiler and completely sealed 4kW output heat pump, the Murelle Revolution 30 is a single compact unit that can be installed by any registered Gas Safe installer in a single installation process, without requiring an additional F-gas-registered installer to be present.

The unique Murelle Revolution 30 should be installed inside and hung on the wall like a conventional boiler. The Revolution provides heat and hot water, achieving an average seasonal heating performance of 134%, granting A++ energy efficiency, according to the ErP Ecodesign Regulation.

www.sime.co.uk



TURN THE iPad INTO THE FOCUS OF ANY ROOM

Viveroo's stunning range of wall and furniture mounts for the iPad enhance and complement this icon of design.

The distinctive sculptured range is hand-crafted from premium materials and has been created to blend perfectly with the iPad's form.

Each mount in the range offers different features that have been designed to provide improved visibility and functionality of the iPad in both domestic and commercial environments.

LOOP

The world's first rotating iPad mount for flush installation.

The innovative rotating mechanism makes it possible to alternate between vertical and horizontal positions. Available in Super Silver, Deep Black and Clear White.

LOOP 360

A table-mounted version of the Loop allowing 360-degree rotation of the iPad. Perfect for retail and domestic environments. Available in Super Silver, Deep Black and Clear White.

SQUARE

The design of the Square complements the form of the iPad and offers spectacular presence from any angle. Available in Super Silver, Deep Black and Clear White.

FREE

This distinctive design appears to float in front of the wall. The contemporary asymmetrical lines are beautifully machined from billeted aluminium and create a sharp look in a modern room. Available in Super Silver and Dark Steel.

FREE FLEX

Integrates the iPad into every environment. Features USB cable charging, a rotating joint head to allow landscape or portrait orientation and custom tube length for the perfect lifestyle fit.

FREE FLEX PEDESTAL

The pedestal base allows the Free to be moved from room to room. Features USB cable charging and a rotating joint head to allow landscape or portrait orientation.

CUSTOMISATION

The entire range can be finished in any colour, and corporate branding can be added.

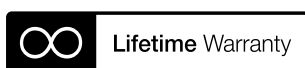
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monitoraudio.com





Creating the perfect #Shelfie

With over a million posts using the hashtag #Shelfie on Instagram, the time is now to upgrade your storage and transform your shelves into a talking point.

Open shelving is a great way to show off your treasured keepsakes, adding both personality and depth to a room.

Arrange objects of interest on each shelf, from plants and vases, to books

and photographs, as these eye-catching highlights will add character to your room.

Consider colour-organising your accessories for a pleasing aesthetic, and play around with stacking books upright and horizontally for added complexity.

Available in nine stylish finishes and with endless different layouts to

choose from, thanks to the modular design, you can create a truly personal solution that will blend seamlessly into your interiors.

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www.spaceslide.co.uk. Prices start from £192.99.

Pictured: Signature Storage Kit in Lava



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By choosing Monitor Audio Custom Install products, you're securing the utterly desirable combination of reliability, seamless integration and superior sound quality, backed by decades of design innovation and award success.



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Stylish Blinds in Pantone's S/S 2019 hottest hues

A warmer palette will dominate in Spring 2019 according to the colour experts at Pantone (ref Pantone Fashion Color Trend Report Spring/Summer 19).

And with fashion trends so often transcending into our homes too – here's how to enjoy Pantone's predictions in the home; with colours that reflect consumer's desire for a confident more optimistic future. With expert advice by Style Studio's interiors expert Lorna McAleer.

Window Blinds & Curtains to Match Pantone's Colour Palettes...

Fiery reds and spicy shades for 2019:



Soft Warming Colourways:



The New Neutrals:



Attention-grabbing accents incorporating Princess Blue and Pink Peacock:





Interiors expert Lorna McAleer from Style Studio says:

“Pantone’s palette of 12 inspirational shades has been tipped to dominate fashion next year, along with four warm neutrals set to replace grey as the go to neutrals of choice.

They are also colours that feature heavily in our new product ranges – from roller and pleated blinds, to Roman blinds and curtain fabrics.

Overall we’re seeing that things are ‘hotting up in the home for 2019’ in terms of colour choices.

Even shades sitting at the cooler end of the spectrum (blue, black and green for example) will have a hint of warmth next year. And after years of being the dominant shade in the home, it appears grey has had its day – being replaced with neutrals with warmer undertones such as Pantone’s Soybean and Sweetcorn.

What makes this prediction exciting is that the season’s warmer tones will be counterbalanced with pops of zesty green, yellow and pinks.

Window blinds are great to add a splash of colour without being overpowering.

Opt for vivid plains or coordinate blinds and curtains with varied scale patterns in similar colourways.



For more information on stockists and to order up to five free fabric samples visit www.stylestudio.co.uk



Suppliers to the trade for over 25 years

Interior Landscaping Products Ltd was established in 1990 to help supply the diverse needs of the British outdoor and interior landscaping industry.

As the only specialist supplier of such a wide range of products to the trade and local authorities the business and the company's reputation quickly grew.

Through the years we captured the attention of other industries, but our main focus remains on the landscaping architects, designers, groundsmen, estate managers, gardeners and landscape contractors.

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A & W Moore Wine Racks

A & W Moore Wine Racks have been manufacturing wine racks in the UK since 1977. We are a family-run business, providing a comprehensive range of high quality wine racks and wine cabinet storage solutions.

We have built our reputation on building bespoke wine racks using only the finest materials, to not only provide you with bespoke storage solutions that are tailor-made to your requirements, but also to ensure that no matter the wood or metal you choose, your wine storage solution will preserve your wine or champagne for generations.



Our reputation for quality products at affordable prices, combined with great personal service, means that we now have loyal clients from every corner of the globe, as well as across the United Kingdom. Choose from our large collection of solid oak wine racks, solid pine wine racks, traditional wood & steel wine racks or all metal wine racks to find your perfect fit.

For more information Tel: 0115 9441434, email: information@wineracks.co.uk or visit our website www.wineracks.co.uk

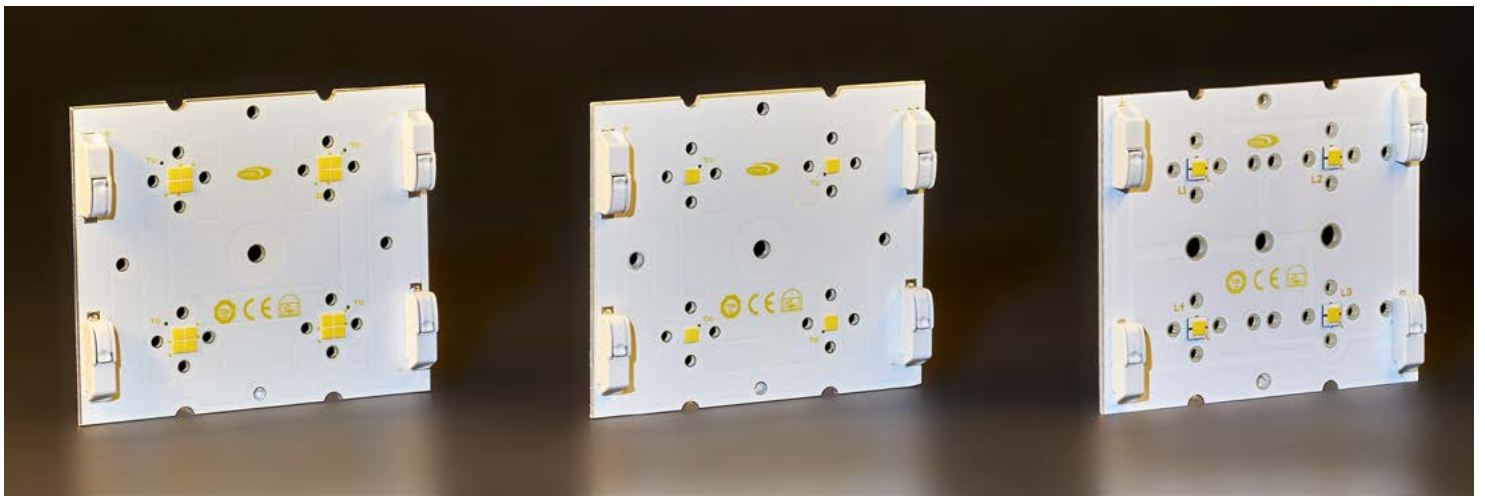
Bromleighs



Bromleighs offer an extensive range of switches and electrical accessories to suit both period and contemporary interiors. Their Forged and Profile Collections are hand-made at their workshop in Cornwall, using inserts manufactured here in the UK.

The Hardwood, Bakelite and Period Switch collections are made with British Oak which is hand-stained and waxed. Recent installations include a Chateau in France and the extensive refurbishment of an Irish Castle. Bromleighs also offer a wide range of interior and exterior lighting and architectural hardware.

For a current brochure of further information, please call the team on 01208 79490 or www.bromleighs.com

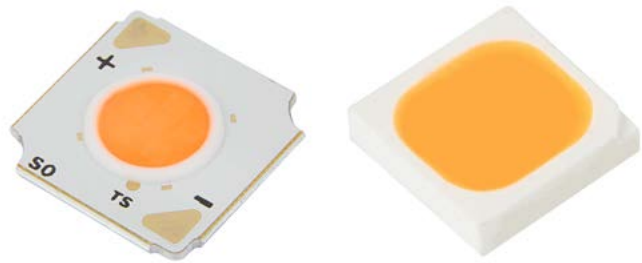


Seoul Semiconductor

Seoul Semiconductor develops and commercializes light emitting diodes (LEDs) for automotive, general illumination, specialty lighting, and backlighting markets.

As the fourth-largest LED manufacturer globally, Seoul Semiconductor holds more than 12,000 patents, offers a wide range of technologies, and mass produces innovative LED products such as SunLike – delivering the world’s best light quality in a next-generation LED enabling human-centric lighting optimized for circadian rhythms; WICOP – a simpler structured package-free LED which provides market leading color uniformity and cost savings at the fixture level, providing high lumen density and design flexibility; NanoDriver Series – the world’s smallest 24W DC LED drivers; Acrich, the world’s first high-voltage AC-driven LED technology developed in 2005, including all AC LED-related technologies from chip to module and circuit fabrication, as well as multi-junction technology (MJT); and nPola, a new LED product based on GaN-substrate technology that achieves more than ten times the output of conventional LEDs. UCD constitutes a high color gamut display which delivers more than 90% NTSC.

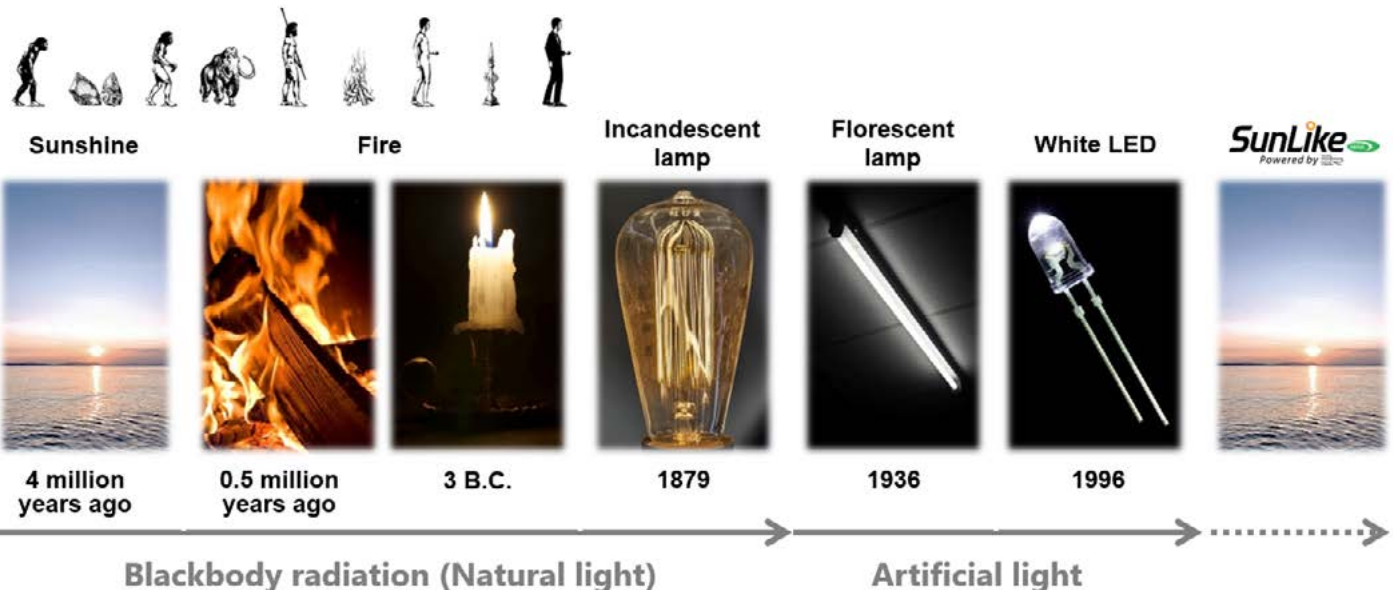
SunLike is an advanced light source that combines the latest optical and compound semiconductor technology of Seoul Semiconductor and *TRI-R technology, a sunlight spectrum reproduction technology, that is a registered trademark by the



Toshiba Materials Co., Ltd. It lowers blue light peak similar to sunlight spectrum and contributes to maintaining a stable human circadian rhythms and enhancing the color clarity of objects. It has been supplied to global lighting customers in Korea, US, China and Japan as well as Europe that manufacture home lightings, smart desk stands and lamps, high-end lightings for museums, hotels, offices and the cosmetic sector.

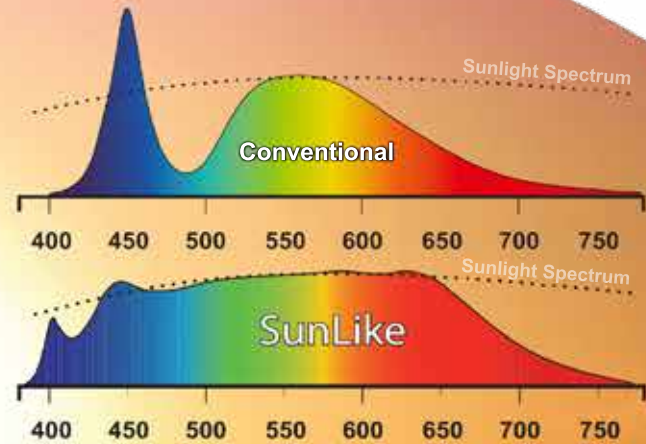
*TRI-R, supported by Toshiba Materials, finds in the definition “The light closest to the sun for human well-being” as its original concept. The sun light spectrum is developed by the same company and can be reproduced by a white LED light source technology.

To learn more, visit www.seoulsemicon.com



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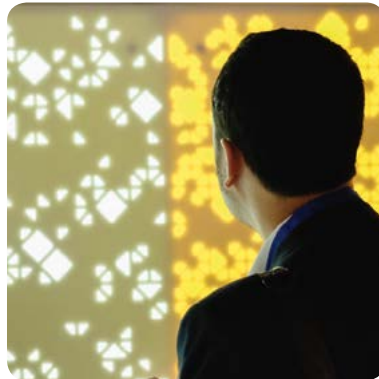
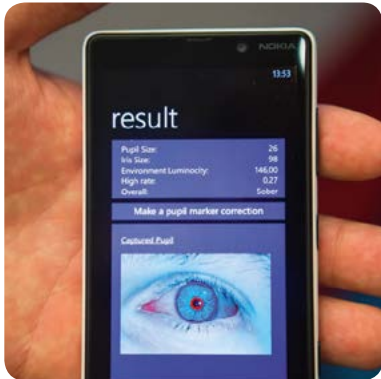
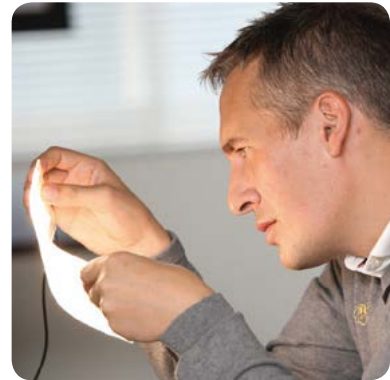
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Clive & Jeanne's House, Willingham, Cambridgeshire

Clive and Jeanne had always wanted to build their own home. They also wanted to stay in the village they have lived in for so long. With available sites limited, they began to investigate the possibility of building in their garden.

With the help of JOMA Architecture they realised their garden had the potential to provide everything they wanted in their new home. However, even after a prolonged period of consultation with the local authority, planning permission was refused.

This presented them with two options, find another site, or challenge the local authority's decision. Fortunately, Clive and Jeanne had faith in the design, and

the decision was overturned on appeal.

The resulting house is a 3 bedroom, low energy home built using super insulated masonry cavity walls. The detailed design was optimised to reduce thermal bridging and to keep the building air tight.

The brickwork was selected to match the local vernacular and the black timber cladding was charred on site (by Clive!) to reflect some of the agricultural buildings in the area.

The entrance colonnade of douglas fir twin-columns leads to the bespoke front door. On entering the house you are presented with a linear view

through a 4m high frameless window into the rear garden and orchard beyond.

This axis connects the open plan kitchen, dining and living space with a wood burning stove at its heart providing Clive and Jeanne with the impressive entertaining space they desired. A full height storage wall has been incorporated to de-clutter the rest of the house. The guest rooms are located on the ground floor of the black box with the master suite above. This impressive room features a sloping ceiling and large picture window to make the most of the views over the orchard to the rear.



Architect

JOMA Architecture
www.joma.studio @jomastudio

Photographer

Adam Carter
www.adamcarterphoto.com

A simple palette of materials has been used internally to keep the house light and modern but also bring some warmth with the use of timber cladding on the ceilings.

The house was a great success and Clive and Jeanne feel the end result perfectly reflects their initial ambitions for their new home.

JOMA Architecture is a small, emerging RIBA chartered practice with experience in a range of projects from domestic extensions and one off 'grand design' homes through to housing masterplans, museums and school design. We believe it is more important 'who' we are working for than 'what' we are working on.





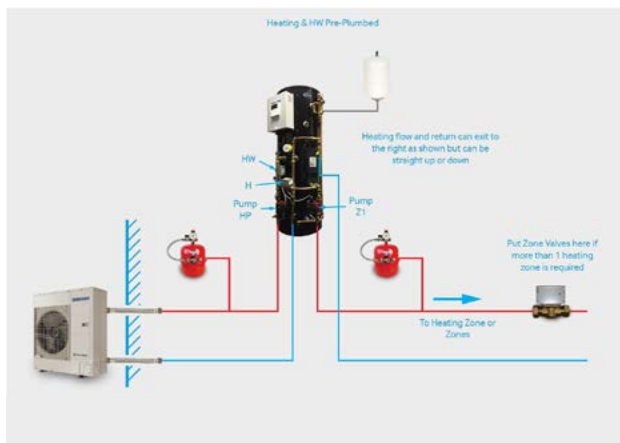
We offer a full range of traditional architectural services from conception to completion. We excel in sustainable design and its integration into the historic built environment. We also design external spaces and gardens that work in harmony with the buildings around them. We are not bound by pre-conceived ideas or an architectural agenda; our objective is to create thoughtful and pragmatic spaces that responds to our client's needs and budget and the specific location of the project.



For further information contact
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Heat pumps, making life easy and giving you back your FREEDOM



Heat pumps are funny things.

If you look at them closely, no matter what brand you buy no one offers you a plug and play solution. The genius of combi boilers is that you buy a box, you fix it to the wall, connect some pipework and they work.

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There are no intricate settings or wiring.

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The result is that these packaged units sell in their thousands. The price falls as volumes rise and as a knock-on effect they become more and more popular. It's very much the difference between a kit car and one built in a factory.

So why do heat pumps still come in a huge pile of boxes to be assembled on site?

We don't really know!

We have asked our manufacturers what they are doing about it and it looks like no one is listening.

Sooooo, we have taken matters into my own hands.

Here at Freedom HP we love a Samsung unit. Let's face it we should. We introduced the UK to Samsung heat pumps. Our managing director has the oldest Samsung Monobloc in the World in his house. We wrote the book on the unit and have sold more of them than anyone else. With all of this said, the Samsung unit is like all the others; you must buy lots of accessories, pumps, valves, etc to get it to go.

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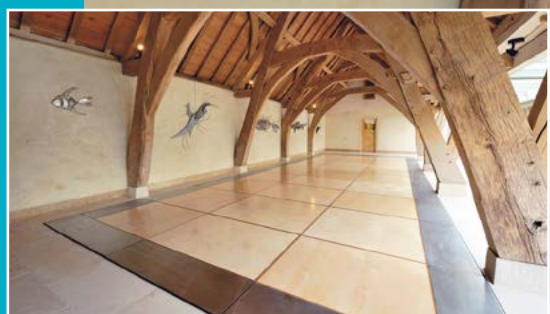
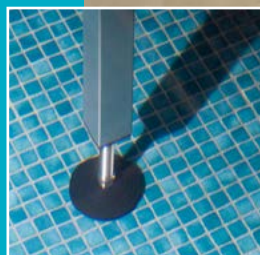
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Pool-dek is a patented and trademarked product supplied by Stage Systems, based in Loughborough (part of the Havelock Europa Plc Group of Companies). Stage Systems has been trading for 50 years.



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unique interlocking design, it can withstand extreme winds. It won't go brittle, nor does it creak or groan unlike conventional siding. It comes in a range of colours with a wood grain profile. The cladding does not fade and comes with a 50 year guarantee. Virtually maintenance free and fully recyclable.

Abandoned hospital given luxurious lease of life

A former 19th century hospital in Stafford has been restored to become a collection of luxurious apartments.

Previously "St George's County Asylum", the grade II listed building on Cooperation Street opened in 1818 and housed 1,000 patients before finally closing in 1995. Following 20 years of neglect, the building was in disrepair with crumbling floors and walls, until work started in 2015.

The building has now been transformed by Shropshire Homes, into a collection of one, two and three-bedroom apartments and renamed St George's Mansions.

The house builder was keen to preserve the history of the hospital and maintain the Georgian architecture. To ensure this, they worked closely with leading roof tile manufacturer Russell Roof Tiles, who has extensive experience in restoration projects and pitched roofing.

The manufacturer supplied 20,000 of its Lothian tiles in Slate Grey to re-roof the building. The modern material replicated the look of the building's original natural slate tiles, whilst providing the sustainable benefits of concrete.

The Lothian tiles form part of Russell Roof Tiles' Natural Range - an expanding selection of thinner leading edge interlocking concrete tiles. When laid, the tile gives the appearance of a small format tile with the



commercial benefit of a larger format tile. The technical team at Russell Roof Tiles has spent many years creating an authentic collection of roof tiles which replicate original tiles, but with all the properties that you would expect from modern materials.

Russell Roof Tiles is a leading independent roof tile manufacturer providing products for leading UK house builders and high-profile social housing and commercial projects, where sustainability and eco-credentials are the utmost priority.

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Oeco Garden Rooms is a family run business and have been manufacturing and installing timber framed structures for over 10 years.

They specialise in building bespoke garden rooms, offices and studios for those who want to extend their living space for a multitude of uses.

Made from a traditional timber frame construction, concrete pile and steel foundations and

PVC-U windows and doors, these garden rooms are built to last and can be used all year round.

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Bakers Timber Buildings

The modified wood panel, MEDITE TRICOYA EXTREME (MTX) has been used to create a range of luxury timber garden rooms by Bakers Timber Buildings.

The use of the material demonstrates its growing demand in the outdoor furniture/buildings and hard landscaping market.

Perfectly suited to the demands of the outdoor environment, MTX provides robust durability for the external cladding of Bakers Timber Buildings' premium garden rooms, while MEDITE MR provides suitable moisture resistance for the internal fit out.





APC Forks

APC Forks was formed back in 2008 to offer customers flexibility when it comes to hiring a JCB Teletruk. Whether it will be for 1 week or 7 years APC Forks will cater to customers needs. With the uncertainty out there at present the flexible approach enables customers to get the right piece of equipment in the way of a JCB Teletruk for the job, without the burden of tying themselves up with finance houses on long term fixed agreements.

APC Forks operates across a wide range of industries, ranging from builders merchants, waste & recycling, logistics & distribution are just a few to name.

APC Forks have provided equipment into building sector supporting a range of projects from Crossrail, Underground refurbishment, New build sites, Landscape projects, Promp Up machines, Seasonal work, Builders/Landscape merchants, the list is endless.

The unique design of the JCB teletruk gives customers the ability to get into places where no other forklift can by utilising the boom, load/unload lorries from one side beneficial when working within cities and the front end set up makes the machine a great tool carrier, being able to swap between, forks, buckets, bag fillers, booms, hooks etc etc.

“A Flexible Machine On Flexible Hire From a Flexible Company”

Every year APC Forks nominates a charity and produce a machine in

different livery, where the profits are donated to support that cause, with it being 100 year anniversary of the ending of World War 1 there seemed nothing more appropriate than selecting “The Royal British Legion”, with the machines livery being the Union Jack. We are delighted that one of our customers has had the machine delivered, please see story and picture below.

“APC Forks/Buildbase support The Royal British Legion with Union Jack Teletruk

Buildbase – one of the UK’s fastest growing builders’ merchants with over 165 branches nationwide – has taken delivery of a specially-commissioned JCB Teletruk featuring a patriotic ‘Union Jack’ paint finish.

The truck was supplied by APC Forks, operator of the largest hire fleet of JCB Teletruks in the UK.

Each year APC commission a Teletruk with a unique livery and donate the profit from the truck’s hire to charity. This year The Royal British Legion will benefit.

The ‘Union Jack’ Teletruk is in operation at Buildbase’s five-acre Stoke-on-Trent facility where it undertakes a range of handling duties.

Buildbase has operated Teletruks across its business for over a decade and the ‘Union Jack’ truck replaces a machine



that had been working at the Stoke-on-Trent site for 14 years.

“All hire profits from Buildbase’s ‘Union Jack’ Teletruk will go to The Royal British Legion and help to support the excellent work that that organisation does,” says APC Forks director, Stuart Hunter.”

APC Forks is a trading division of Arnold Plant Hire Ltd and to further enhance their chosen charity The Royal British Legion have been the successful bidder is a specially commissioned JCB excavator covered in poppies, donated by JCB themselves which they auctioned off with all proceeds going to The British Legion.

www.hiresjcbteletruk.co.uk

DEWALT'S Positive Commitment To UK Manufacturing

- Two new assembly lines in South Yorkshire producing outstanding results
- New DEWALT drill now produced every 62 seconds
- Demonstration of workforce skills, dedication and teamwork
- Potential for further investment into DEWALT's UK production facilities

At a time when many want to see the UK's strong manufacturing heritage revitalised, DEWALT is investing in plant and people at its Hellaby manufacturing and assembly plant in South Yorkshire.

As part of its ongoing 'Make Where We Sell' campaign, DEWALT has selected the location as the lead global production and assembly plant for two key global products.

It has resulted in significant investment into both the plant's facilities, as well as the creation of enhanced career opportunities for the local community in and around Rotherham.

Following a major overhaul of the plant's assembly layout, the two new assembly lines were created in 2017, and thanks to the dedication and expertise of the workers, within six months each line is already producing outstanding results.

A DEWALT combi drill is now assembled every 62 seconds at Hellaby, while results for the impact driver are even better, as a new one is created every 45 seconds.

With over 140 parts used for the assembly process across the two products, it is a major feat of planning, logistics and teamwork.

Extensive testing, including a 15-step application based reliability (ABR) process through the assembly, supports the quality-driven approach witnessed across the whole plant.

It ensures that every DEWALT product leaving the factory has

passed a number of strict performance tests to meet the Guaranteed Tough status.

The pride behind made in the UK

As well as facilities, DEWALT has also invested in the staff at Hellaby. Prior to the new lines starting production, existing staff from the site were chosen to travel to the Czech Republic to be trained on the new assembly lines.

They were then charged with training fellow workers and overseeing the line's performance once they were up and running.

Chief among the trainers was Leslie Wood, who says: "I have helped to train everyone on the new line and my main objective is to ensure that all staff fully understand that quality is everything."

John Steel, Plant Manager at DEWALT'S Hellaby site, comments: "DEWALT'S UK investment into the two new strategically important assembly lines is testimony to the skills and dedication of our workforce.

Every staff member takes great pride in creating DEWALT products which go on to represent the UK in markets across the globe.

"The fact that existing staff were given the opportunity to undergo extensive training abroad and then bring back their newly acquired knowledge to share with their co-workers, means our staff take real ownership of their roles



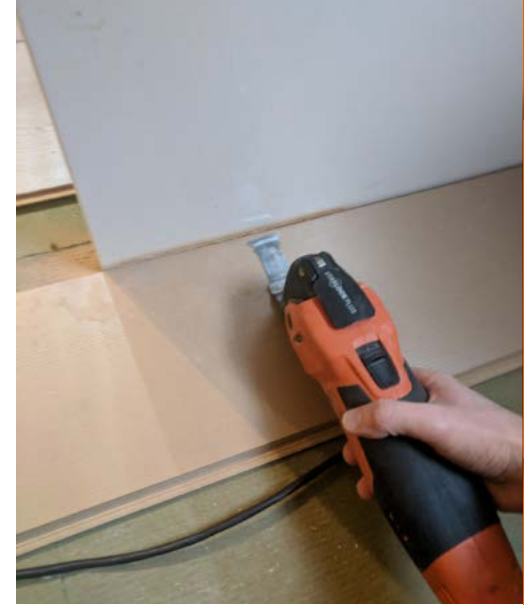
and responsibilities. On a daily basis, they demonstrate great pride in the work they carry out.

This certainly helps to maintain the high standards we are seeking.

"Our teams employ a variety of skills such as precision assembly, electronics assembly, software upload and testing, as well as quality control – all of which go into creating the quality products for which DEWALT is famous.

"The success of what we have achieved so far could well help to bring other DEWALT products to the UK for assembly, which would be great news and open up even more employment opportunities and further expand the site here at Hellaby."





Floorcraft fits the FEINest floors (and ceilings) with its new value pack

This issue we join Jasper, a young self-employed joiner to discuss his work, his views on buying tools and his review of the newly launched value pack range, focusing on FEIN's new Best of Flooring set.

Jasper Cochrane is a 24-year kitchen fitter who last October started his very own joinery business, specialising in flooring. Following years of testing out different careers, he decided to follow in his dad's footsteps, with him and his younger brother both taking on joinery apprenticeships. "My dad was kind (and patient) enough to put us both through the 4 years of training, creating a family business. After completing my apprenticeship, I worked for bigger joinery firms but decided that I would rather start up my own company, as I wanted to guarantee an excellent finish every time - something which wasn't possible working for a large firm."

So it was that Floorcraft was born, which finds self-employed Jasper undertaking all levels of flooring jobs, ranging from small scale domestic, to large scale commercial jobs. "I often work with high quality materials, which can be pretty nerve wracking sometimes, because if anything goes wrong, it's all down to me. The perks of being self-employed! As well as flooring, I ensure high quality finishings and can extend my work to other aspects of joinery; whatever is needed to complete the space.

Starting out as a new business can be tough, but I have received support from family and firms, which has enabled me to purchase high performance tools. I love researching tools, saving up and buying the ones I think are the coolest, but also have quality and power. Let's be honest, you get what you pay for in life. Bottom line - If the tool helps me get jobs completed well, and faster, then ultimately I make bigger profit margins, which is good for the wallet, and for a start-up like Floorcraft.

This is why FEIN is now one of my favorite brands because the quality of the tools they produce is excellent and without compromise, something hard to find in modern power tools. Things like the anti-vibration features on the FEIN MultiMaster is world-class, and I jumped on the opportunity to test their 'Flooring Value Pack' in the UK, which contains a HSS segmented blade, an E-Cut saw blade and a scraper blade.

I used the pack on-site whilst loading 6 ceilings with service hatches for a hotel based in Glasgow, and whilst delivering new flooring for a property that was experiencing damp issues around the owners UVC front door. For the hotel fit, I used the HSS blade to

cut out sections for the hatches in the plasterboard ceiling, before plastering. I then used a round sanding pad on the multi-tool to sand down the heavier bits of plaster, and some of the MDF hatch pieces, before painting. For the property, I used the E-Cut blade to deliver undercutting of the doors, and facings before sliding the flooring underneath. I also delivered some small cut outs on the flooring itself.

Despite putting money down on the machine, I had used other manufacturer blades in addition to FEIN's, FEIN's blades clearly being of higher quality. I'll be filling my toolbox with FEIN Starlock from now on."



For more information on the Best of Flooring set, or other packs available in FEIN's value pack range check out www.fein.com/en_uk/news/promotions/the-great-british-value-pack-range-0792/

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The art of extraction – Quality suction, lightweight price

This issue we speak to experienced tradesperson Chris of Lasercut London who purchased a new dust extractor in mid-April of this year. An avid fan of German high-end tools Chris was seeking out a second dust extractor to help with his own studio build, which started within that same month.

The studio build was to take place over 8 weeks and comprised of a complete custom fit out of his new show room design studio and fabrication space. As the walls were concrete block and brick he wanted to keep the dust down during the installation phase.

“I already have a pretty good extractor but I found the power was a bit lacking, and I wanted a 35mm hose on the machine to improve suction. Instead of forking out for just a hose upgrade, I opted for a FEIN one which had the hose diameter I wanted as standard, and following a demo, definitely had the power I needed.

During the build itself, I needed to use my SDS drill to deliver over 400+ holes into concrete block, and spent a lot of time cutting sheet material and using the router table.

The extractor tip matched up to my existing nozzles and drill extractor I had available, and I used the FEIN one in conjunction with my existing one on the router table, it cleaning up much quicker than I expected. The building work lasted a little over two months, the extractor fitting with most alternative tools and accessories, although a few took a bit of fiddling to adapt them correctly.

I have some criticisms. The first is that the hose does not have anywhere to be fastened, but to be fair this was solved by wrapping it around the body of the machine. Also, there is no variable flow on the compact 25L machine.

I never expected anything like the power from a machine this small; it sticks to everything, or sucks up anything within its path. I rarely had to sweep up at the end of each day.



The thing I enjoyed the most was the extra time the extractor would run for after the tool trigger was released.

For me, I was well chuffed with the little price for the FEIN tool. Even with my criticisms, for £220-50 this is a bargain, and whilst variable speed is good, maybe it isn't worth the extra £200. The machine is easily moved about using the handle and I really like the shape, as it pivots around very nicely, and over uneven floors easily without marking the floor either. Despite using it every day since April, I am also still using the first filter bag with space left for another month or two.

For delicate wood work, this machine is not suitable, but if you need dependable and powerful extractor when SDS drilling, using woodworking tools or generally cleaning up the studio, then I recommend this to all construction or renovation businesses.

I have a little man at home, and having been hustled into building cabinets during my summer break, I will be taking this machine home, to ensure he is not eating dust during construction!”

The Dustex is available in 25-35L, L or M class from various FEIN dealers. For more information check out www.fein.com/en_uk/surface-processing/



Sladen Estates ‘Top Of The Class’ For Completing Durham Student Accommodation Ahead Of Schedule

A NEW, purpose-built student accommodation scheme incorporating a former Victorian hospital in the centre of Durham has successfully completed in anticipation of this month’s intake of students.

Sladen Estates, Peveril Securities and Helios Properties completed the high-specification, 362-bed development Rushford Court three weeks ahead of schedule.

Chief executive at Sladen Estates, Nick Sladen said: “We are delighted to have completed this stunning development ahead of schedule for Unite Students. This is a significant scheme for Durham on a site with a great deal of local heritage and we are exceptionally happy with the finished development.”

The development saw the extensive restoration and modernisation of the original 1850’s Durham County Hospital Harding building. The building now houses a range of studio apartments and amenities including: a gym, cinema room, co-study areas and communal entertainment space. Two, modern, purpose-built accommodation wings have replaced the redundant 1970’s buildings on the hospital site.



Nick continued: “We have revitalised a gateway site to the city whilst also providing much needed student accommodation to relieve some of the pressure on the local housing stock.”

The development is owned and operated by Unite Students, the UK’s largest and most established manager and developer of purpose-built student accommodation which operates more than 50,000 beds across the country.

Matt Painter of Unite Students said: “We have seen excellent take up so far which is testament to the quality of services on offer and there is no doubt that Rushford Court offers the best accommodation available in Durham.

“From our first glimpse of the site and the proposed scheme we knew it would attract a great deal of positive attention, and the finished scheme has realised an even better vision than the plans displayed.”

For further information visit:
sladenestates.co.uk

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