

# Design Buy Build

Issue 50 2021

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## Adams+Collingwood Architects

A Devon family's dream home in an Area of Outstanding Natural Beauty



## How to plan the perfect kitchen

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## Multifunctional work pods

The first phase of 100 high spec outdoor work pods



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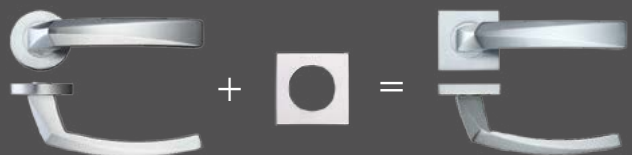


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## SCENIC CORNISH ‘STONE HOUSE’ COMPLETE WITH PIONEERING AND SUSTAINABLE KEBONY WOOD

‘Stone House’ offers unparalleled sea and castle views



Situated on the picturesque coast of Cornwall in South West England, the recently completed family home, dubbed the Stone House offers unparalleled sea views and a unique view of historic castle, St Michael’s Mount. Designed and brought to life by the combined efforts of Suzanne Brewer Architects and Lilly Lewarne Architects, Kebony, a global leader in the production of sustainable modified wood, was used to clad the exterior of this contemporary building, creating a beautiful natural mix of both wood and stone.

The homeowner’s dream was brought to life earlier this year; Suzanne Brewer Architects, guided the project through a successful planning permission, whilst Lilly Lewarne Architects was the practice appointed to carry out the technical design and construction stages of this contemporary project by the sea.

Stone and Kebony wood were the materials selected inside and out for their authenticity and the way in which they ‘wear in’ instead of ‘wearing out’, creating a rustic feel for the property which elegantly blends into the natural landscape of the Cornish hillside. Kebony’s enhanced durability, sustainable qualities and unique aesthetic made it the perfect choice of wood for this unique project.



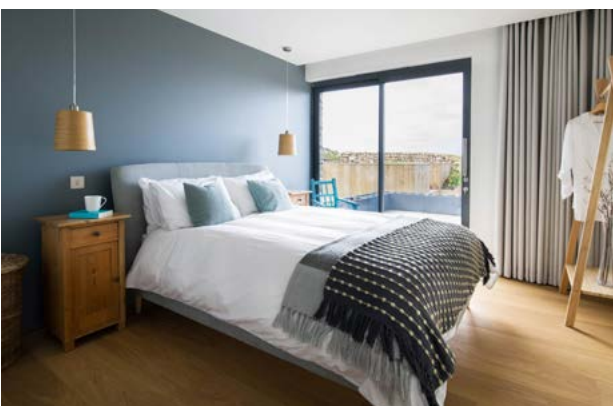


"Kebony's uniquely natural aesthetic and sustainable credentials were perfectly suited to realise the ambition of the modern seaside family home."



Developed in Norway, Kebony's revolutionary technology is an environmentally friendly process which modifies sustainably sourced softwoods by heating the wood with furfuryl alcohol - an agricultural byproduct. By polymerising the wood's cell wall, the softwoods permanently take on the attributes of tropical hardwood including high durability, hardness, and dimensional stability. Kebony's uniquely natural aesthetic and sustainable credentials were perfectly suited to realise the ambition of the modern seaside family home.

One of Stone House's key selling points is its spectacular view of both the Atlantic Ocean and St Michael's Mount, famed for its picturesque landscape and uniquely peaceful community feel, with only 30 islanders calling the village their home. Each morning the village springs to life with school children and workers gathering to travel to the mainland, goods being loaded onto the quayside and islanders preparing for the jobs the day will bring.



Rob Simmonds, Project Architect at Lilly Lewarne Architects commented: "We are very proud to have worked on the design and construction of this beautiful home on the south coast, which looks stunning within its natural surroundings. Working with Kebony wood was not only cost-effective but proved to be completely suited to the homeowner's vision, and we certainly look forward to using the material again in future projects."

Nina Landbø, International Sales Manager Norway at Kebony added: "We are delighted that Kebony has played an important role in the development of this beautiful, rustic home in Cornwall. It is great to have made a long-lasting mark on the unique British seaside town and we hope it inspires the development of many more natural, sustainable homes in the area, and across the globe."

► Photography: Anthony Greenwood





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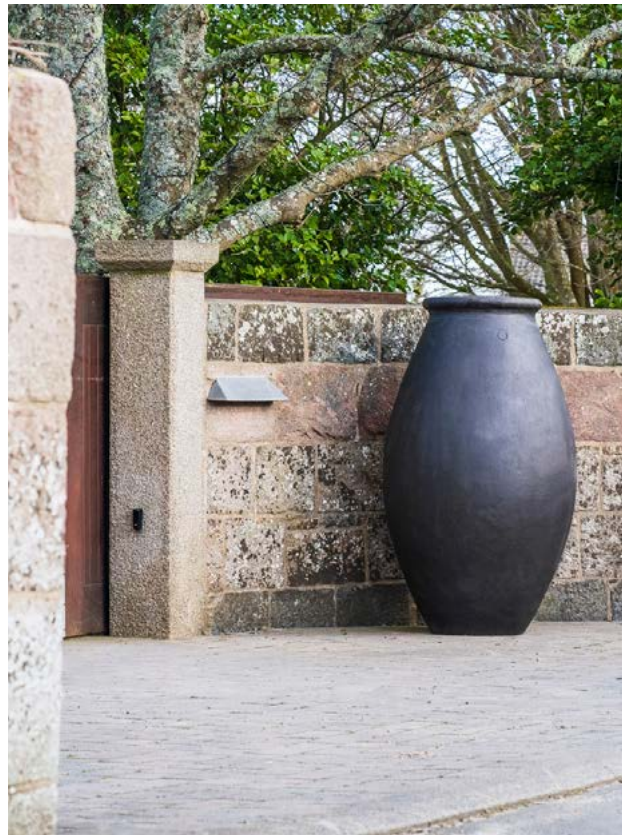
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# HSSP OVERCOMES PLANNING CHALLENGES IN INNOVATIVE LEICESTERSHIRE BUILD

Sleek, modern design has been combined with traditional artisan craftsmanship in HSSP's Paradise Lane project: an open plan, light and spacious luxurious four-bedroom family home with interlinked garage and games room in rural Leicestershire.



The build, which incorporates traditional proportions and materials with modern interventions, posed significant challenges to HSSP's team of architects. Most pressing was that local planning stipulations meant that the home couldn't exceed 1.5 storeys – the size of the previous building on the site. The restriction, which was set to ensure the building would be sympathetic to its surroundings, called for an innovative approach to design and construction.

The design focus was to create a feeling of space. To do this, HSSP used large sections of glazing, with a full height picture window at the front of the home. The use of glass created a spacious feel and provided impressive views of the beautiful rural surrounds. A dual aspect kitchen with a large eating area was designed to spill out on the southern courtyard with double bi-folding doors creating a seamless opening to the garden, and boosting the feeling of space.





"Paradise Lane is situated on a hill, and the steep gradient over the whole site posed another significant technical challenge."



Paradise Lane is situated on a hill, and the steep gradient over the whole site posed another significant technical challenge. The team worked hard to incorporate the changing levels, creating a double height entrance hall and viewing platforms throughout.

HSSP adopted a 'fabric first' approach: the house is built from natural stone, each block hand carved on site by a small team of skilled stone masons. Their results were exceptional as was their meticulous attention to detail, and their work was recognised with a Merit of Craftmanship Award and an LABC commendation.





The property is efficient and sustainable – featuring a highly efficient condenser boiler, combined with low intensity underfloor heating to improve efficiency, along with increased insulation, enhanced specification glazing and a green roof for biodiversity. The team was also able to ensure that there is scope to build in renewables, such as solar collectors and heat pumps, at a later date.

HSSP's architects put the success of this project down to close collaboration. The client's vision combined with HSSP's architectural expertise has created an innovative and striking home which will remain testament to architecture and construction in years to come. The client's ambition was to derive as much value from the volume of space that was available, and Paradise Lane does just this.

► Architect: [HSSP Architects](http://www.hssparchitects.co.uk) | [www.hssparchitects.co.uk](http://www.hssparchitects.co.uk)





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Mûres vase



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Perles Sconces

Lalique’s latest collection for Spring Summer 2021, Gaia, pays homage to mother earth – in Greek mythology, Gaia is the goddess of Earth. The blackbirds and grapes motifs that travelled on board the mythical Orient Express find new expression in vases and bowls with timeless appeal and practical use. Lalique’s creative team captures the ornamental and symbolic power of vines and blackberries. This season also welcomes additions to the Signature collection of furniture and lighting for Lalique by Pierre Yves Rochon, the French decorator famous for creating palace hotel interiors. The precision of the designs, the purity of the crystal and the play on reflections and transparency create exquisite objects for the interior.



# GAÏA

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### Garador introduces wireless optical sensor for GaraGlide

Garador's new electrically operated roller garage door, the GaraGlide, is now available with a wireless optical sensor as an option.

The wireless optical sensor is built into the floor seal and utilises light beam technology, so the door will automatically stop if the light beam is broken by an obstruction placed in the door curtain's downward path. The new wireless optical sensor means there is no spiral cable required to connect the safety edge to the separate control panel housing; batteries are required.

The GaraGlide is powered by a tubular drive motor and is supplied with two remote hand transmitters as standard, with either a standard (433 MHz) or bisecur (868 MHz) hand transmitter design.

The entire garage door fits into just two double-wall cardboard boxes for quick and easy delivery. Choose from 16 colours and 2 timber-effect finishes, plus either standard (433 MHz) or Bisecur (868 MHz) hand transmitters.

Find out more about Garador's new GaraGlide roller door by visiting [www.garador.co.uk](#)



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# ADAMS+COLLINGWOOD ARCHITECTS DELIVER DEVON FAMILY'S DREAM HOME IN AONB

**Building any family's dream home is a challenge that excites those involved. For the family-run Adams+Collingwood Architects, doing so in an Area of Outstanding Natural Beauty was a particularly engaging commission.**

The firm was appointed by Liz and Tristan Stone of Stones Boat Yard in East Portlemouth, South Devon. Known for their inspired designs, the Adams+Collingwood team were immediately excited by the idea of building a home that would function as a practical family residence while also respecting the incredible natural beauty of its surroundings.

"The Boathouse was an incredibly personal project in many ways. Liz and Tristan were managing the build themselves, creating a family home in the area that meant the world to them. At the same time, it had to fulfil numerous practical purposes while also fitting in with a challenging location. We also knew from the outset that the home would be built by local craftspeople, which meant that the entire design process was led by the way that it would be constructed. An intriguing project from all angles!" Rob Adams, Architectural Director, Adams+Collingwood Architects

The granting of planning permission in an Area of Outstanding Natural Beauty is something of a rarity. In this

instance, it was granted because of a unique set of criteria. With Liz and Tristan classed as critical workers in the area, their home fell into the category of an 'Occupational Dwelling for a Rural Worker.' This, combined with the carefully crafted and discreet building design, meant that planning permission was granted when the vast majority of applications would not have been.

The location meant that much of the home would be carved into the hillside for the sake of discretion. This meant, for example, placing the utility room, plant room, cloakroom and garage under a green roof that runs into the natural landscape in a way that is reminiscent of the early Neolithic settlements on Dartmoor. Landscaping was key from the outset, with Landscape Architect Andrew Rathbone working closely with the authorities at the planning stage. The result is that the surrounding natural meadow flows right up to the walls of the house. Over time, the woodland will be expanded and an orchard planted.

Access to the site, meanwhile, was down narrow, winding roads. So narrow, in fact, that the lengths of Douglas fir for the living room flooring could only be delivered by lorry as far as the local village. It was up to Tristan and his flatbed to haul them to the house from there.

Natural materials are at the heart of this project from the outset. There are also numerous significant family connections. Everything above ground is made of timber supplied by Stones Marine Timber, sourced in Canada. The beams were felled on Vancouver Island – home to Tristan’s father – and then shipped to the UK.

Tristan’s expertise, built up thanks to the family boatmaking firm, meant that the best quality wood featured strongly in the build. Yellow cedar tiles and cladding adorn the roof and exterior, while the upstairs floor is made of Douglas fir. The long, straight grain of the wood has been deliberately exposed at all levels to show off its beauty.

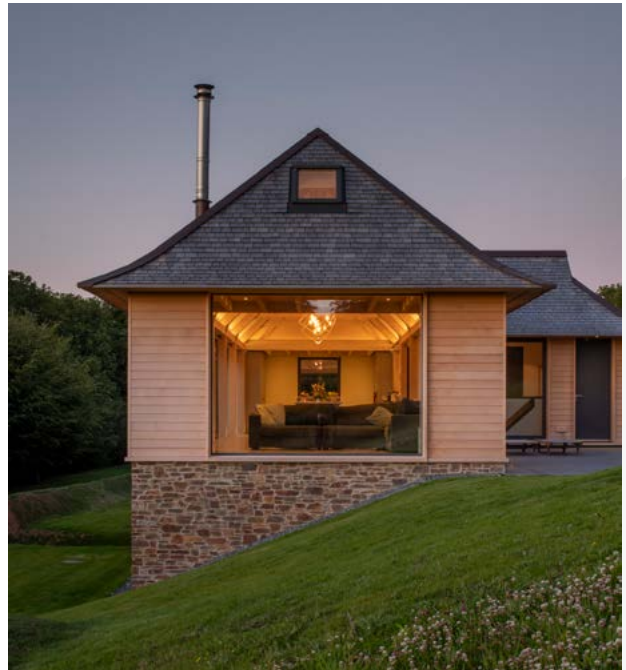
"Building into a steep slope presented both challenges and opportunities. We came up with a design that placed the living space at the top, to maximise the stunning views."



Interestingly, the house’s design is inverted, with the main living spaces set above the bedrooms. Other interesting design features included the eaves, which were inspired by thatched roofs, and the use of copper left over from the roof – beautifully crafted by a local metalworker – in the form of a copper shelf in the main bathroom and copper brassware throughout.

There were various reasons for the design quirks and the inverted nature of the building, as Adams+Collingwood Architects’ Tamsin Bryant explains.

"Building into a steep slope presented both challenges and opportunities. We came up with a design that placed the living space at the top, to maximise the stunning views. We then arranged the lower ground floor so that bathrooms and corridors faced into the hillside, to ensure that the



bedrooms enjoyed plenty of natural light." Tamsin Bryant, Adams+Collingwood Architects

The large, open plan living space is flooded with light and features a lovely glass and timber balcony above the lower level entrance door that gets the evening sun. In order for the glazing sightlines not to interfere with the structure and external cladding, the finest glazing section was specified and manufactured (by the appropriately named Fineline glazing company).

The Boathouse looks out over the Salcombe Estuary, which has played a key role in the Stone family’s history. Tristan’s family has lived in the area for generations. They are the locals behind Stones Boatyard, which was founded by James Stone in 1938 and has built a reputation for constructing fast, well-made racing craft.





"The design of The Boathouse needed to fit perfectly with that of the Boatyard. During the summer, Tris often needs to be on hand 24/7 to launch and recover boats, or to assist if there's an issue with one of the boats on the water. Being close to the yard allows him to be available whenever he's needed and enables him to work around the tides. It also means we can achieve a better work/life balance and provide our children with the chance to fish, sail and surf, just as Tris did during his own childhood here." Liz Stone, Owner, The Boathouse

The Boathouse's four bedrooms are located on the lower ground floor, along with three bathrooms. One of these is an amazing en-suite, with floor-to-ceiling Verdigris tiles and copper fittings that truly embrace its lower level setting.

Geometry and the materials used are expressed in different ways on the different floors. The above-ground materials are timber, straight and deliberately man made. Below ground, the emphasis is on stone and natural curves, from the curved bench and coat rail of the boot room to the curved doors leading to the utility room and cloakroom.

The kitchen – modern, dark grey and with an impressive pantry – is on the upper floor. It was a particularly important space for Liz, who works on TV cookery programmes such as Rick Stein's Road to Mexico series. With an island hob and spacious layout, the room is ideal for everything from socialising with guests while preparing meals to potentially hosting shows with globally renowned chefs.

While the Boathouse's whitewashed timber and steel connectors give it a clean, almost Scandinavian feel, Liz and Tristan have used fun pops of colour to make it at once elegant yet homely. The upstairs wet room features Ca' Pietra Lily Pads, while the pink Yoga Penny tiles in the utility room add a very personal charm. In the hallway, a handmade, hot pink lampshade from Love Frankie in Totnes adds a lovely splash of colour and warmth.

Local craftspeople were a key element of the home's success. Liz and Tristan ensured that they only worked with those they knew of and trusted. The result was an exceptional team of hand-picked local experts.



"Using local craftspeople was part of a broad focus on sustainability. The house was designed with an EPC rating of A in mind."

"From an architectural point of view, it has been a real treat to work with such experienced and dedicated craftspeople. Apart from Tristan's attention to detail and very careful management and Liz's tasteful and personal touches, most of the building work has been carried out by Sean and Colin the carpenters, Andy the stone mason and plasterer, Jeff the tiler, Nigel the plumber and Simon the electrician. Each carefully added their unique skills and experience to the interpretation of the architectural concept and detailed drawings." Rob Adams, Architectural Director, Adams+Collingwood Architects

Using local craftspeople was part of a broad focus on sustainability. The house was designed with an EPC rating of A in mind. This meant concentrating on the insulation of the external fabric in order to reduce the demand for energy to heat the building. Having a third of the walling underground provided superb benefits in this respect. A ground source heat pump was installed for energy, with coils of pipework dug into the field above the house and the field then returned to a flowering meadow.

The Boathouse took two years to complete, with Tristan and Liz managing the self-build project throughout. Affordability was a driving factor from the outset. The stunning setting means that houses in the area come with eye-watering price tags. By taking the approach that they did, Liz and Tristan were able to obtain their dream home for less than the sale price of a tiny, derelict cottage just half a mile away.

Each stage of the project brought its own rewards, from the timber frame going up to the interior structure going in. Liz reflects that it felt incredible when the family were finally able to move into their dream home, after putting so much work into it.

"As we project managed the build ourselves, it did consume our lives for a couple of years! It was beyond amazing to actually be living in the space that we had spent so long planning every detail of.



"Adams and Collingwood held our hands throughout the whole build process – guiding us on everything from the planning stage, to Health and Safety and building regs. Most importantly, they understood our priorities for the house, and helped us realise them beautifully. We would advise anyone embarking on this journey to select an architect they can really trust. We were very fortunate with Rob, Tamsin and team at Adams+Collingwood because crucially they listened to us, and they understood how special the location was. They designed a house that not only sits beautifully within the landscape, but also functions perfectly as a family home." Liz Stone, Owner, The Boathouse

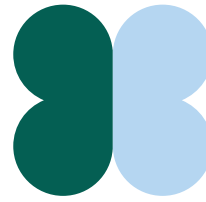
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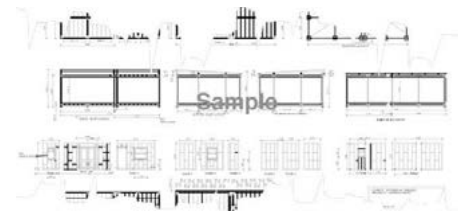
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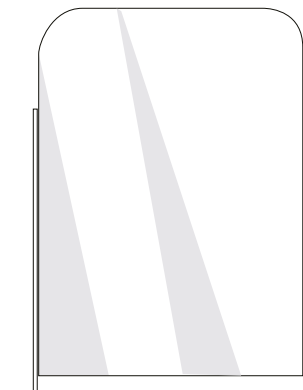
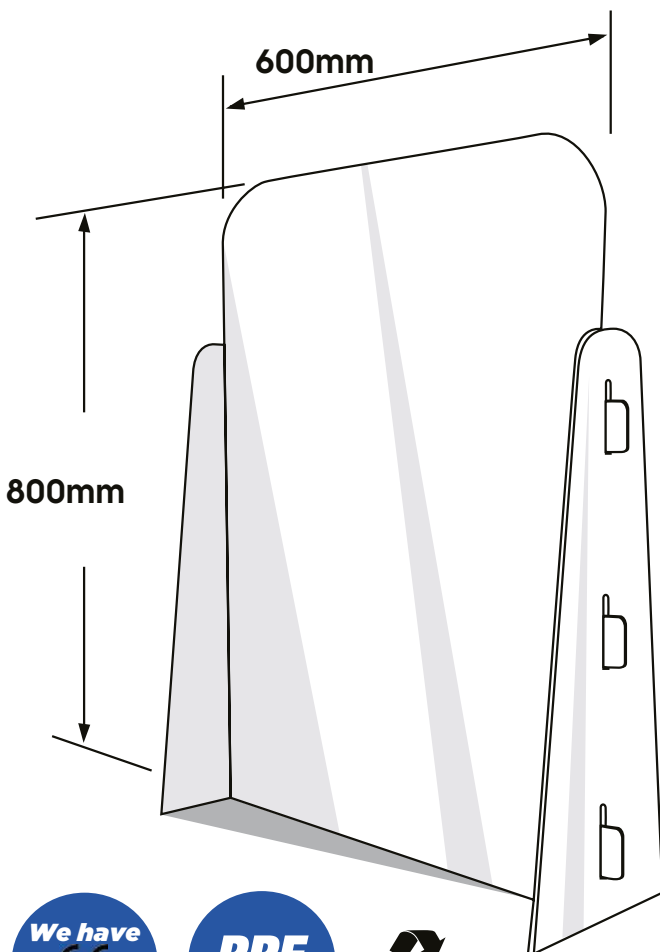
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# EXOGRAM HOUSES

## A tool of formal and significant generation

With Exogram Houses 1 and 2, Joseph di Pasquale proves that it's possible to put creative intelligence inside all projects, by democratizing the concept of architecture, which can be applied not only to large buildings, but also to private residential spaces, in line with a long tradition of important projects for single houses, which have always been an important focus in the history of architecture.



In the projects called Exogram Houses 1 and 2, the architect Joseph di Pasquale combined the use of 3D modeler and freehand drawing on the screen, to obtain the "genetic sketch" where for the very first time the exogram image appeared, as a "still image" of a set of architectural elements in dynamic relationship among them.

"We work on the concept of Exogram" - explains Joseph di Pasquale. "The Exogram is basically a tool for interpreting the symbolic power of architectural figuration and making it clear in the design process; it is a question of identifying a three-dimensional structure that becomes the identity essence of the building. Therefore, the Exogram is the architectural logo, in a broad and historically understood sense, which makes the building recognizable, a "core" inside and around which the "filling volumes" develop, providing the space to accommodate all the functions in which the architecture is built on".

In 2015, in the province of Milan, the "genetic sketch" technique found application in the Exogram House n. 1. In this first declination of the concept of Exogram on the theme of the single-family house, a common roof has been divided in two parts which correspond to the parents' house and the daughter's house.





"The material of the vertical and inclined parts of the shells corresponding to the pitches is the same, precisely because all the parts belong to the same semantic element."

The composition of the two half-shells deriving from this process constitutes the Exogram of this architecture, the three-dimensional tectonic logo totalizing the architectural identity of the building. At this point, the basic concept has led all other choices. The material of the vertical and inclined parts of the shells corresponding to the pitches is the same, precisely because all the parts belong to the same semantic element. Furthermore, the thickness of the shells is strongly highlighted by a dark metal flashing, thus becoming the graphic armature of the architectural figuration.

All the rest is filler material that changes according to the functional needs and the relationships with the framework in which the project is inserted: On the street side, at the upper level, the house is introverted and closed, while it opens onto the private garden below and turns out transparent, making the surrounding nature become an integral part of the interior architecture, in accordance with the ecological conception of the house within nature and the attention to the inclusion of the building in the outdoor space.





Exogram House No. 2 is a single-family house developed on three levels: a basement with a tavern and additional rooms, the ground floor used as a living room and the first floor as the night area. The facade facing the street is totally blind. The large glazed openings placed on the lateral sides along the east-west axis allow you to enjoy the natural light offering an excellent garden view.

The building is designed for a low environmental impact aimed at saving energy and reducing CO2 emissions. Particular attention is paid to the choice of materials, considering the entire useful life of the building (Life Cycle Assessment) and giving preference to the use of materials whose production takes place with lower environmental impact. The environmental sustainability of the building is completed thanks to the use of systems powered by renewable energy sources with a strip of photovoltaic panels perfectly integrated into the design of the roof.

As in all of Joseph di Pasquale's concepts, the key feature of his projects is a philosophical reflection on forms and space that starts from a symbolic meaning (we see it in its amplification of sense and dimensions in the iconic Guangzhou Circle) to arrive at a close dialogue with nature and its vital meaning of sustainability as well as journey in the past East-West tradition.

In this sense, the Exogram project is a "homo ad circulum" of architecture, which becomes a tool while resulting at the same time the reflections of an architect-philosopher.

**▶ JOSEPH DI PASQUALE ARCHITECTS**  
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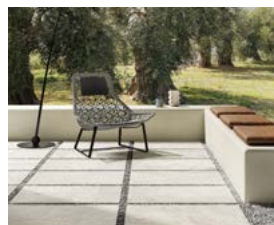
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Providing both indoor and outdoor spaces with a calming, natural beauty, the new Lavaredo tile collection from CTD Architectural Tiles will bring harmony and aesthetic splendour to hospitality, commercial, retail and residential projects alike. Offering all the energy and grace of Luserna stone, the collection provides architects, specifiers and designers with an elegant surface choice that is guaranteed to impress.

Available in a contemporary colour palette of White, Beige, Grey and Anthracite and three finishes, the material's rich texture is marked with crests and troughs in the Matt (Natural) surface finish for a sleek and truly natural look. Ideal for creating cohesive indoor/outdoor design schemes, one of the unique selling points of the Lavaredo collection is that it offers a matching 120 x 120 size in both the 20mm porcelain paver option and 10mm option, ensuring maximum utilisation.



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► **For rendering and plastering made simple, download the Simpson Strong-Tie 2020 catalogue at [www.strongtie.co.uk/resources](http://www.strongtie.co.uk/resources) which is packed with handy tips and installation guidance... and make sure you stay away from Rusty!**





# HOW TO PLAN THE PERFECT KITCHEN

It's time to renovate your kitchen but where to start? Experts Kitchens International have a list of handy tips and advice on where to start and how to ensure your kitchen is perfect for you.

Most importantly don't rush the planning and design phase. Every extra hour spent getting all the details right will ensure a smooth and successful refurbishment. Here's some useful tips on kitchen design and planning:

## 1. DESIGN BRIEF

- Although it's easy to rush into choosing cabinetry and appliances the most important part of the process is the design brief. The kitchen designer will get to know all your needs and wishes and how you, and your family, plan to use the space. Research through websites, Pinterest, magazines etc and come armed with what style you like.

Although ideally this is done in the home, it can now also be done just as effectively online. This is not about the detail but about the bigger picture, because without the canvas onto which the design can be placed, that the kitchen won't work as a room.

Louisa Forsyth, Showroom Manager at KI said: "Kitchen functionality and look is key. Are you a keen cook or more of a convenience person? As no two clients are the same, nor are any two kitchens, so for a personal, perfect kitchen you can't buy one off the peg. The more thorough the design process, the better the end result."



## 2. STORAGE IS KING

– the vision of a magazine-style kitchen with everything neatly in its place is often distanced from the reality of a busy family kitchen. Kitchen storage is one of the hottest topics in kitchen design with a plethora of great options to ensure everything has its place. Opt for long drawers rather than cupboards as they can house more and offer access more efficiently. If you have space choose a large larder with drawers, wire baskets and in built power and light for easier use. For those awkward corners look at Le Mans or corner drawers. Never underestimate the benefits of special storage solutions in drawers for spice racks, knives, plates and every item of kitchen paraphernalia.



## 3. ISLANDS TO THE FORE

– the island is the connection between the cooking areas and the rest of the room or home so the design must be sympathetic with the whole room design. Curved or organic shaped islands work well where you want to soften curves and make it more pleasing to the eye. If possible, incorporate a dining space, such as a breakfast bar, as the island will become the focus of the room. Housing the hob and/or a sink on the island will make it a more sociable space with the user able to socialise with others more easily in the rest of the room.

"Opt for long drawers rather than cupboards as they can house more and offer access more efficiently."



## 4. WORKING OUT THE WORKTOP

– before choosing a worktop, decide what it will be used for and whether it is food preparation, dining, plating up or a combination.. From ultra slim 10mm tops up to chunkier 200mm thick tops, there is a huge variety on offer but be mindful of the finished height of the kitchen worktop and how it ergonomically suits your requirements. Consider if the top will adopt a discerning role in the design complimenting the furniture, or whether the worktop will be a statement within the kitchen design. Handle less kitchens provide another detail for the worktop to compliment. Engineered stone offers durability and a huge choice in colours and finishes while natural materials such as granite, marble or wood offer a more traditional look.

## 5. CHOOSING THE CABINETS

With such an era of choice, consider the texture and colour as well as the detail or simplicity of the cabinet fronts. As a rule of thumb, framed doors generally look better in a wider and taller format. If the door is too small, by the time you add the framed detail there is very little space left in the centre panel, and in such cases a flat panelled cabinet door would look better. Use bold colours as an accent rather than for the whole kitchen, as it is easy for colour to go out of fashion. Greys, beiges and warm tones are very 'in' and will ensure longevity of the design. Try including some display units – either glass fronted or open shelves – as these provide excellent displays for stylish crockery or ornaments.



## 6. THE KITCHEN WORKHORSES

- appliances are the workhorses of the kitchen. The choice and range is huge but consider carefully how and when they will be used. For flexibility, opt for an induction hob with a flexible zone allowing you to cook with larger accessories such as a griddle or Teppan Yaki. In many homes there is a 'fridge war'. One partner may see the fridge as a food storage area, while the other seeks a designated area for drinks. With fridges providing a multitude of functions, including zoned sections, as well as water and ice dispensing, make sure the fridge is located conveniently to accommodate

all these requirements. If space (and budget) allows, then consider having a second smaller fridge located close to the cooking area, as chefs would call a "mise en place" fridge. And in your drinks area, a dedicated fridge is a much desired addition. Induction hobs provide better flexibility and ease of use than any other type, as well as being the most energy efficient. A boiling water tap remains the most desired kitchen item and has the added bonus of being energy and space efficient. Consider hiding many functional appliances, such as laundry machines, behind pocket doors as this will give a tidier and sleeker style.





## 7. LIGHTING UP THE ROOM

– lighting will almost always be zoned or layered as cooking and preparation areas should be well illuminated and direct whereas dining and living areas may contain more mood lighting. Consider mood lighting around the base of units to provide a softer glow. Use natural light wherever possible as it cannot be compensated for by artificial light.



"the kitchen designer should be involved from a very early stage, whether this is a new build or refurbishment, to get the best possible kitchen design."

## 8. BINNING IT

- consider carefully the ergonomics of the bin/waste/sink and dishwasher systems. The location, layout and type of refuse bins, including all recycling receptacles, sinks and dishwasher is one of the key elements in a kitchen in terms of how they are used and who uses them. Getting this right at the design stage to suit your family will reap dividends and make everyday life much easier in the long term.

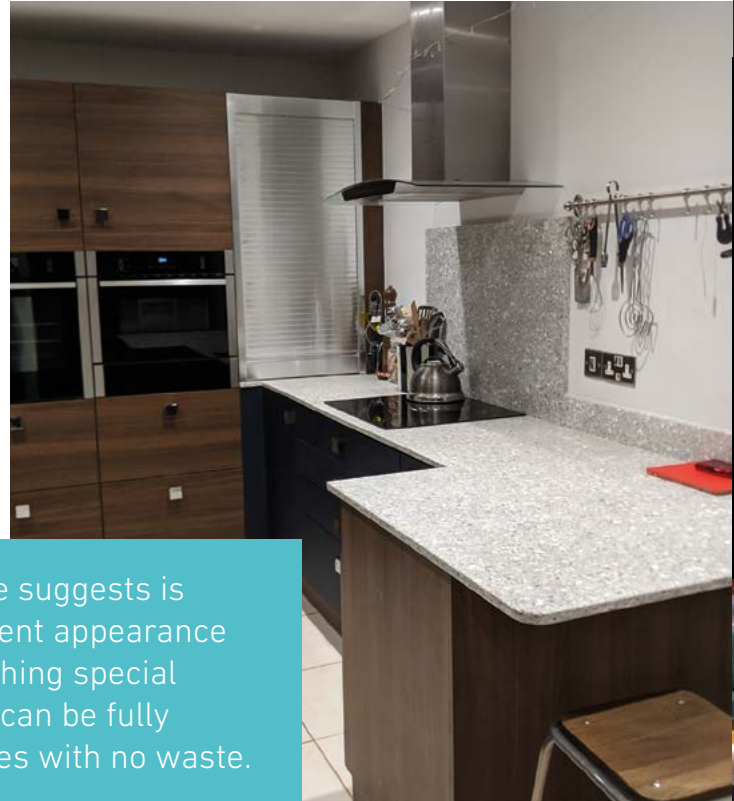
And finally... the kitchen designer should be involved from a very early stage, whether this is a new build or refurbishment, to get the best possible kitchen design. The designer then won't have to work within the constraints of the existing room or final plans but will be able to do a better design. The design of the kitchen will be very constrained if the designer is only brought in when the architect's plans are finalised so for a more aesthetic, functional kitchen choose your kitchen designer at the same time as your architect.

Considering every aspect and functionality of the kitchen will ensure at the end of the day that the kitchen is a delight to work in, be in and socialise in for every day of the year.

# Diamik Glass the alternative and sustainable luxury surface

**Diamik Glass have created two environmentally friendly products Ecorok® and Decorok®, both products are made from recycling waste glass. Both are durable, strong, beautiful and have commendable environmental credentials. Years of development and trials have resulted in two products that offer a creditable alternative to imported, mined products.**

Ecorok® is perfect as worktops for kitchens, bathrooms and utility rooms. Made from a minimum of 85% recycled glass and the remainder a mixture of resin and pigment which makes them non-porous, scratch resistant, smooth to the touch and beautiful to the eye. As Ecorok® is non-porous it makes it highly resilient to stains and marks. Cleaning for the eco-warriors amongst us can be as simple as mild soapy water, but if you need to give it a deep clean you can use scouring pads and bleach sprays without damaging the surface.



Decorok is made using 100% glass and as the name suggests is targeted as a more decorative material. Its translucent appearance featuring crushed glass design provides that something special in key environments. Just like Ecorok™ Decorok™ can be fully recycled at the end of its life to produce new surfaces with no waste.



Diamik harvests only local glass destined for landfill, then processes this waste, using craftsmanship into perfect sheet sizes for every customer. This is supported using modern technology to create these two innovative and versatile products. Their latest digital templating technology also allows for millimetre perfect measuring and cutting to create shapes – they even offer to video the procedure as a keep sake for the customer or to use as a promotional tool.

Diamik's products can now be found in all parts of the UK and Europe which is testament to how quickly people are moving towards a more sustainable future. Customers have been looking for something new, something fresh a new design with ecological street credibility. Ecorok comes in over fifty standard designs with new ones being created every month. The Diamik Bespoke option will create your very own unique special surface. The only limit is the customers imagination!



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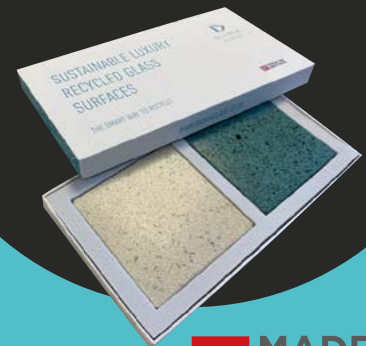


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Paint breathability measures how air and water vapour flows through its surface. Older properties were built using materials that were designed to promote this airflow.

Using paint with a high level of breathability, with breathable building materials, avoids moisture being 'trapped' beneath the surface of the paint. Trapped moisture can lead to damp walls, causing the paint to bubble, peel and eventually blow completely. It can also contribute to a harmful living environment.

Earthborn Claypaint is a highly breathable paint, perfect for walls and ceilings where breathability is key. It's thick and creamy with a high clay content, offering excellent coverage, no nasty paint smells and a number of eco properties.

There are two methods used to objectively measure breathability - the SD value and the MVTR value. Using either method, Claypaint is proven to have extremely high levels of breathability. More information on this topic can be found in the blog on the Earthborn website.



Earthborn's Classic range of 72 shades

Ease of use, high covering power and lack of harmful emissions make Claypaint an ideal option to optimise breathability for any building.

Earthborn's new colour card showing all 72 colours in the classic range is now available and 100% recyclable, including the adhesive and the paint chips that use real Claypaint.

[www.earthbornpaints.co.uk](http://www.earthbornpaints.co.uk)



## Sometimes its good to gloss over things

Bond It, which ranks as one of the UK's fastest growing manufacturers of sealants, adhesives, fillers, waterproofing compounds and other building chemicals has recently launched a new High Gloss Block Sealer for enhancing and protecting concrete paving. To compliment the Drive Alive range, Bond It have now developed a ready-to-use, high gloss, solvent based sealer to provide a clear, glossy protection barrier against oil staining and weed growth. Suitable for use on paving, blocks and patios, the sealer is hard wearing and resistant to chipping. It boasts long lasting weather resistance, even against UV, water and ice and once cured enhances the colour of the substrate, offering a glossy enriched finish. The product also stabilises and reduces weed growth between sand joints meaning less interim maintenance is required. Supplied in 5L tins, High Gloss Block Sealer is a simple application by brush, roller or squeegee, it is quick curing and can be applied all year round. Its deep penetrating properties provide a long lasting protective finish for up to 2 years and will maintain the performance life of the substrate.

For more information on Bond It contact our Sales Team on 01422 315300 or visit [www.bonditgroup.com](http://www.bonditgroup.com)



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## TeknosPro for a professional finish on heritage projects

As a specialist paint manufacturer with an impressive worldwide pedigree, TeknosPro has a strong commitment to environmental issues and produces coatings with sustainability at their core. The products are engineered to meet the diverse needs of today's modern world while also offering protection for historic sites. The coatings are manufactured to enhance and protect, helping to maintain and extend the life of materials, saving wasteful replacement and the consequent use of natural resources. Waterborne paints are ideal for use on heritage sites as they have low-to-no odour, low VOCs, and contain a synthetic resin which is not light sensitive, and so the colours do not fade like their oil based counterparts. These sustainable coatings are fast drying and incredibly durable. Examples include TeknosPro's WOODDEX AQUA range which offers long-lasting stains for wooden exteriors protecting them from extreme weather, while the FUTURA AQUA portfolio of opaque paints can be used on wooden interiors and exteriors as well as radiators and other metal surfaces.

For more information, visit [www.teknopro.co.uk](http://www.teknopro.co.uk) or call Teknos on 01869 208005.



## VELUX REWARDS SCHEME OFFERS UP TO £35 FOR PURCHASES THIS SPRING



Construction industry professionals and homeowners across the UK and Ireland can now benefit from an extra rewards boost this spring, thanks to roof window manufacturer VELUX®. Introduced in 2015, VELUX Rewards is a scheme designed to provide installers, builders and homeowners an opportunity to further benefit from buying roof windows from the premium roof window brand by providing access to vouchers redeemable at top high street and online brands each time they make a purchase.

Rewards can be claimed for all purchases of VELUX roof windows, flat roof windows, sun tunnels, blinds or selected combination flashings throughout the year. While rewards typically range from £3 to £30 depending on the product, for this March and April only VELUX is offering £35 of rewards for every white polyurethane roof window. Ideal for bathroom and kitchen projects where daylight is key and rooms can be at risk of condensation. The extra rewards are redeemable at a range of retailers and restaurants including well-known brands Argos, M&S, John Lewis, Adidas and Tesco.

The last day customers can submit a claim is 14 May 2021.

**To receive rewards from VELUX, upload your invoice at [www.velux.co.uk/rewards](http://www.velux.co.uk/rewards)**

## MAKE LIGHT WORK (IN 'SOHO')



Photo courtesy of Nicola Hicks Design/Charlie Round-Turner/Lightfoot Windows (Kent)

Using natural light to define a space is a key element within a home's design - and should be a significant consideration for your home working environment; whether it's a home office, study, converted playroom, your bedroom, at the kitchen table or in a garden annex.

The hallmark of a Crittall window is the slender steel frame that is so much slimmer - and therefore

admits so much more light - than alternative window systems which require far larger profiles due to the basic differences in the frame material and their relative strengths.

For a new extension, combining outdoor space with an internal area under structural glazing, removing barriers so you have a level threshold, or creating a courtyard with stunning full-length glazing, are great ways to achieve impact and add value to your property.

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## Garador adds 4 new colours to sectional garage door range

Garador are launching four exciting new colours for their sectional garage doors range. These new colours will be available, as part of the standard colour range, across their Georgian and Linear door models.

There are now 16 colours to choose from in the standard colour range, including the four new colours: Basalt Grey (RAL 7012), Quartz Grey (RAL 7039), Slate Grey (RAL 7015) and Titan Metallic (CH 703).

These new shades of grey are ideal for contemporary residential architecture and designs. The Titan Metallic (CH 703) colour in particular, has minute pearlescent looking flecks which are blended into the paint, adding another dimension to the look and feel of the door. On top of these four new colours, Anthracite Metallic (Noir 2100 Sable) has also been added as non-standard colour on sectional garage doors too.

**To find out more about Garador's sectional garage doors and the full range of colours available, please visit [www.garador.co.uk](http://www.garador.co.uk)**



## UAP LAUNCHES INDUSTRY LEADING FULLEX KINETICA+ K4 LOCK

UAP, the leading manufacturer of security and fire safety hardware for doors and windows, has launched the Fullex Kinetica+ K4; a state of the art locking system that combines advanced, patented features to deliver one of the most secure 3\* cylinder locks ever produced.

In addition to product testing, UAP has also carried out a number of product trials with locksmiths, including Martin Pink from Rapid Locksmith, who comments: "I found the Kinetica+ K4 locking system very easy to fit and virtually impossible to penetrate once installed. It provides the quality and ease of installation I have come to expect from UAP's products and the Fullex range, but raises the bar when it comes to combining security features for robust performance. I am very surprised that it is possible to purchase a lock of this quality with so many features at this price."

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JLC Group have been instrumental in providing several products and solutions to a wide range of their existing and new customers, to support them throughout the recent and ongoing pandemic. With our range of Personal protection screens, Occupancy control systems, Body temperature monitoring equipment, Touch-free switches and Hand sanitisers, we are able to help Organisations, their staff, customers and visitors protect themselves from COVID-19. Not only can JLC Group supply this extensive range of services and products, we are also able to supply a range of reliable and affordable automated doors and door automation systems for homes, commercial buildings, airports, national infrastructure and many more. Our aim is to ensure that leading edge technology helps us to deliver the best solutions to a wide range of sectors. We source our high-quality products from suppliers around the globe, giving us the flexibility to ensure the perfect solution for your automated doors, or access gates.

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by Thames Valley Window Company

Offering a vast array of glazing solutions and front door options, Thames Valley Window Company was chosen to design, supply and install the windows and doors for this sustainable and contemporary new build nestled within the glorious Wiltshire countryside.



Following several meetings with the architects, builders and the homeowners and a successful visit to the Thames Valley Window Company Showroom in Bracknell, Internorm Aluminium Clad Timber Windows, Lift & Slide Doors with Triple Glazing and a Pirnar Aluminium Front Door were selected for the project.

Offering the lowest U-values, due to its triple glazed structure and an insulating foam sandwiched between the sustainably sourced timber frame and the external aluminium profile, Internorm windows and doors provide superior thermal performance. Combined with contemporary design, the windows and doors matched the desired requirements for this state-of-the-art modern property.

Uninterrupted floor to ceiling glazing makes the most of the stunning rural views, with natural light maximised to ensure a bright, open and airy living space was achieved. A Timber Aluminium Lift & Slide Door System effortlessly brings the outside in, adding a seamless connection to nature.





"Combined with contemporary design, the windows and doors matched the desired requirements for this state-of-the-art modern property"



The Internorm Triple Glazed window and doors frames were finished in Anthracite Grey Matt on the outside for a modern aesthetic, with Natural Spruce selected for the inside to complement the interior décor.

Working closely with the architects, homeowner and the Project Manager, Thames Valley Window Company delivered superior glazing and door solutions on time, ensuring that the finish delivered on both practicality and aesthetics.

## PRICES

Sliding Doors from Thames Valley Window Company start **from £500 per panel**

Aluminium and Timber Windows start **from £800 per window**

Aluminium Front Doors start **from £2,150**

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# TOUCH

## IRONMONGERY LTD

[www.atouhofbrass.co.uk](http://www.atouhofbrass.co.uk)

210 Fulham Road, Chelsea London SW10 9PJ

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## THE PERFECT TOUCH

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**Touch Ironmongery is one of London's leading Architectural Ironmongers  
Established in October 1982**

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 product and finishes that they sell.

In fact today, Touch can supply a wide range of finishes including Brass, Satin Brass, Polished 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 quality 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 38 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 Ironmongery have recently become suppliers for [Designer Doorware \(Australia\)](#) who have beautiful products with a cutting edge design Metal, Wood and concrete. We also have the exclusive rights to sell the [Olaria \(Barcelona\)](#) range in the UK.

Olaria make all our bespoke products, they have incredible levels of workmanship. 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.atouhofbrass.co.uk](http://www.atouhofbrass.co.uk)**





## BRITISH & EUROPEAN MANUFACTURERS SUPPLYING THE FINEST QUALITY IRONMONGERY

Touch combine traditional skills with modern manufacturing techniques to produce the most beautiful, quality fittings, built to stand the test of time.

As well as specialist bespoke items, Touch supply over 1000 products, available in 23 different finishes to furnish high end residential and commercial properties, royal palaces, government houses, historic castles and stately homes.

Olaria, available from Touch Ironmongery

[www.atouchofbrass.co.uk](http://www.atouchofbrass.co.uk) & [www.olariabarcelona.com](http://www.olariabarcelona.com)





# A STUNNING FAMILY HOME THAT BLENDS WITH THE LANDSCAPE

## A home that complements its immediate surroundings

Jon and Louise Wood's stunning family home in the heart of the Surrey Hills is the culmination of two years working with the Planning Adviser for the Area of Outstanding Natural Beauty to design a home that complements its immediate surroundings.

The couple commissioned Stephen Marshall Architects who worked with local stone, cedar wood cladding and glass to create an imposing modern home that blends comfortably within the landscape.

The architect used as much glass as possible to reflect the views of the sky and surrounding greenery. This is where the Schüco products used throughout the housework their magic. The result is to make the house almost invisible from a distance.

Stephen explains, "Using glazing to merge a building with its surroundings is an effective technique we use often, and it has worked really well here."





"The home's location was chosen for its stunning views and yet is cleverly designed to shield those views on the approach to the house."



"The planners encouraged us to build something modern. They were keen to show what a modern house on an exposed site in an Area of Outstanding Natural Beauty could look like and are delighted with the results."

"I think we've demonstrated that a countryside setting can inspire something more progressive than a traditional gingerbread cottage."

The home's location was chosen for its stunning views and yet is cleverly designed to shield those views on the approach to the house.

"Although the main idea behind the design is the view, I was keen that people enter the house without having seen it at all. Then, as they walk through the ground floor the breathtaking views are suddenly revealed. It works very effectively because the view really is spectacular," explains Stephen.

The large Schüco lift-and-slide doors ensure there are views from every room, including views through the house to the outside in every direction.



The house benefits from such wonderful views because of its location on top of a hill, however the site is also extremely exposed to the elements. The windows and doors had to be able to withstand howling winds and, at times, horizontal rain.

Jon is the director of specialist cladding company, JPW Osprey. He says, "I've been in the glass business for most of my life. This meant I was able to select the best products for the job."

"Living in such a windy place, I needed a robust product that wouldn't let the wind whistle through, so I chose Schüco. I always recommend my clients invest in Schüco for its high quality and timeless design. I took my own advice and it proved to be the right choice. The house is warm and completely weathertight."

Another benefit of the Schüco lift-and-slide doors is that they are easy to operate for the whole family.







"Perhaps my favourite thing is to sit in the bath in the master en-suite – watching the sun set over the hills is just amazing."



"If you knew the weight of the glass that sits in the frames you'd be amazed by how easy they are to use, they simply glide open and closed. I haven't met anyone who hasn't been able to operate them," comments Jon.

The family are very happy in their new home. Like most families, they tend to gather in the kitchen, but each family member has their own favourite part of the house.

Jon confesses, "Perhaps my favourite thing is to sit in the bath in the master en-suite – watching the sun set over the hills is just amazing."

This isn't the first home the Woods have built for themselves, but it is perhaps the most ambitious. Drawing on experience gleaned from previous projects, Jon and Louise have created a stunning family home worthy of its beautiful surroundings.



**Project type:** Private home

**Products:** ASS 70.HI, FW50+ SG, AWS 60

**Location:** Surrey Hills

**Architects:** Stephen Marshall Architects London

**Specialist contractor:** JPW Osprey

**Fabricator:** Murus Façades

**Picture credit:** Liz Eve / Fotohaus



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## WOOD FLOORING AND TILE COMPANY

Eden Clay have come a long way since beginning as two individuals set on serving local businesses and retail customers with products sourced from UK distributors. They now have a large team of talented individuals, import all their products direct from European manufacturers, produce all of their own wood flooring, and sell and install nationally for some of the countries most recognisable brands and personalities.

“It’s said that when starting a business “do what you know”. We built Eden Clay around the products we know inside out and centred it on service over sales. This is still at the heart of what we do, with our staff, showroom and website focused on the experience of finding the perfect tile and wood floor for your business or home.” Co founder Mark Bowring.

### Why Eden Clay?

Their wood flooring is hand finished in the UK providing their clients with a unique range of quality products including perfectly colour matched trims and accessories, and their tile collections include a number that are exclusive to them, with the majority imported directly from Italy.

However the aspect they are most proud of is their ability to equally and comprehensively service the commercial and domestic markets, offering both experiences tailored to their differing needs.

### Commercial

For Architects technical downloads and installation details specific to each product are available, as well as director lead technical support.

For Interior Designers detail is the key. Design is fundamental to Eden Clays product range and effort has been made to support current trends. Comprehensive samples are available to order or take away.

For Developers, being importers Eden Clay are able to offer a very competitive price point, especially considering the high quality of their products.

For Contractors site support and product training is available. This is supported by downloadable installation guides and video guides on request.

### Domestic

For home owners, Eden Clay understands the difficulties faced with selecting the right wood floor or tile. Both products are a permanent fixture in your home that helps determine its final aesthetic, so to help their clients make the right choice imagery of each product installed is available, and free samples and larger panels on request are provided.

With new products being added to their portfolio and website weekly, and the addition of a room visualiser app to come, Eden Clay are continually looking to improve their clients choices and experience.

Eden Clay has fast become a trusted brand for tiles and wood flooring.

**Designers, producers and curators  
of often unique and always  
wonderful tiles and wood floors.**

01277 624966 [info@edenclay.co.uk](mailto:info@edenclay.co.uk)

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Wood Flooring  
and Tiles

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## TIMELESS TRADITION: THE PELHAM PLACE PROJECT BY HAVWOODS

Nestled in the busy streets of Chelsea, the beautiful Grade II listed Pelham Place building has been exceptionally restored into a functional and high-quality family home with the help of Havwoods' wood flooring.

Whilst preserving its heritage value, the brief was to adapt the listed home to better suit the needs of modern day living. The Georgian-style property underwent alterations to the rear elevation, an extension of the southern closet wing and a new bespoke iron staircase to showcase classic design. The décor was further characterised with steel-framed double doors that open out to the rear garden, creating a seamless connection with the outside.

Enhancing the interior with depth and natural character, Havwoods' exquisite Salvo Prime Dark Oak chevron flooring promises an uninterrupted transition across each room in the home. The kitchen and dining areas are also surfaced with the Salvo finish, with a striking Italian Arabescato marble kitchen countertop and island to complete the overall look.



Chosen for its beautifully on-trend and timeless pattern, the Salvo board from the Design from Havwoods collection delivers a flooring solution perfect for traditional townhouses. The genuine reclaimed wood surface wears the patina of its past, with natural scuffs and marks, providing a characterful choice for the property.

The aesthetic is completed with rich green tones and luxurious brass detailing to enhance the elegant feel, resulting in a well-appointed heritage home that exudes hints of chic contemporary character.

➡ [www.havwoods.com](http://www.havwoods.com) | [info@havwoods.com](mailto:info@havwoods.com) | +44(0)1524 737000 | Photographer: David Butler | Architect: Gordon Duffinton

## TERRAZZO TREND FOR MASTIC ASPHALT FLOORING AND PAVING



Mastic asphalt is ideal for construction projects where a seamless, waterproof, durable surface is required. Commonly associated with roofing, tanking, flooring, paving and screeding projects due to its ability to offer total waterproof protection, the Mastic Asphalt Council (MAC) has recently seen a trend emerging of the use of mastic asphalt flooring incorporating terrazzo.

The long and rich history of terrazzo, with archaeologists discovering terrazzo as far back as 8000 years ago, is testament to its status as a construction material that stands the test of time. Modern interpretations of terrazzo have been created by combining decorative stone chippings with mastic asphalt, which is then polished to create infinite possibilities in any design situation.

Some perceive mastic asphalt terrazzo as having a distinctly 'retro' look and no two installations are ever the same, as the aggregate is exposed as part of the finishing process. Other finishes can also be created - such as matt or smooth - as opposed to the highly polished effect normally associated with terrazzo. Different visual effects can be created depending on the size and type of aggregate added at the mixing point to create a bespoke finish.

Mastic asphalt terrazzo offers the durability and distinctive features of terrazzo and consists of a traditional mastic asphalt base with a modern finish. Slip and skid resistance can also be incorporated into the wearing course of the mastic asphalt. In addition, mastic asphalt terrazzo is suited for both internal and external applications.



➡ [Web: www.masticasphaltcouncil.co.uk](http://www.masticasphaltcouncil.co.uk) | [Email: info@masticasphaltcouncil.co.uk](mailto:info@masticasphaltcouncil.co.uk) | [Tel: 01273 242778](tel:01273242778)



# BRECON HERALDS A NEW ERA IN BATHROOM FLOORING



## Wood flooring experts Woodpecker Flooring have launched a new bathroom-friendly range.

Traditionally, wooden floors and bathrooms don't mix. But Woodpecker's next generation Stratex collection has all the aesthetically-pleasing looks of traditional wood flooring, but is resistant to humidity. The Brecon range in particular is waterproof too – making it the perfect choice for stylish bathrooms.



Manufactured from Woodpecker's unique next-generation Stratex flooring, Brecon is a high-performance floor available in 20 realistic wood finishes.

Incredibly strong and durable, not only is Brecon resistant to humid climates but it's also compatible with underfloor heating. The waterproof features and high durability results in minimal expansion, making it a practical choice for modern homes.

However, it's not just performance where this collection excels. Looks-wise it can more than hold its own against its hardwood counterparts thanks to an embossed, woodgrain-effect vinyl upper layer.

Darwyn Ker, Managing Director of Woodpecker Flooring, said: "Everyone loves the beauty of wood and its natural character adds style and warmth to every room. But high humidity and wood are not a great combination.

"Our gorgeous Brecon boards offer the best of both worlds. They are waterproof, incredibly stable and with the look and feel of real wood in a durable natural grain effect, Brecon is a practical yet stylish choice."

[woodpeckerflooring.co.uk](https://www.woodpeckerflooring.co.uk)



# EXCELLENCE IN ELECTRIC



Solution Fires is a new generation of highly efficient, authentic and stylish electric fires. The focus of your living space, these fires have been designed and manufactured with optimal controllability of heat, light and sound as the critical elements.

Controllable from your handset, via Alexa or through the app on your smart phone or watch, you can customise your fireplace to suit your individual taste. No electric fire, currently on the market, has the level of product features or attention to detail that solution fires have as standard, supported by a high level of genuine customer service.



## Top reasons to choose a Solution luxury fire

- Ultra realistic, contoured flame effect technology
- 'One box solution' for front, corner or panoramic views
- Six preset illumination settings & one custom setting
- Nine independent flame colours with adjustable brightness\*
- Nine independent fuel bed colours with adjustable brightness\*
- Nine independent downlight colours with pulse effect\*
- High quality, hand decorated ceramic log fuel bed
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► For more information about our products, please visit:  
[www.solutionfires.co.uk](http://www.solutionfires.co.uk)

\*The above applies to the SLE75, 100, 150 & 200 fires \*With use of Solution App





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# WARMUP UNDERFLOOR HEATING: PROVIDING SOLUTIONS FOR A SUSTAINABLE FUTURE



Underfloor heating is a cleaner, more efficient way to heat a home and is suitable for both new-build and renovation projects. Floor heaters require less energy to reach optimal comfort temperatures than traditional heating systems and with this increased energy-efficiency, you can expect lower long-term running costs. The 'invisible' nature of underfloor heating also facilitates complete freedom when designing your home, with no style interruptions caused by bulky radiators and exposed piping.

Warmup Underfloor Heating provides a bespoke floor-heating solution specifically designed and built to suit your requirements. With over 20 years of experience in heating homes, Warmup offer optimised electric and water underfloor heating systems to bring cost-savings, energy-efficiency and design freedom to your project.

## HYDRONIC UNDERFLOOR HEATING SYSTEMS

Hydronic Underfloor Heating, also known as Wet or Water Underfloor Heating, is a contemporary heating system that pumps heated water from a heat source through pipes within the floor construction. This heated water produces radiant warmth which heats up a room to a consistent, comfortable temperature from the floor up.

### KEY BENEFITS:

- Suitable for almost all floor finishes and room types
- Compatible with a variety of heat sources
- Perfect for new build and large-scale renovation projects
- Lower running costs

## REDUCING CO2 EMISSIONS: WARMUP PRO HYDRO

Warmup Pro Hydro is the world's first tool to instantly and automatically design bespoke underfloor heating systems, meaning real savings for installers and their customers by making correctly specified underfloor heating as quick and easy to buy as pre-packaged room kits.

In comparison to pre-packaged room kits, Warmup Pro Hydro uses up to 20% less pipe, because spacings are automatically optimised for the heat loss of the room. That is equivalent to saving an entire room's worth of pipe on a 100m<sup>2</sup> install. By automatically optimising the design of the system for the heat loss of the rooms, Warmup Pro Hydro can ensure enough heat output for the coldest days at lower flow temperatures. This allows the heat source to run at more efficient temperatures, saving up to 10% in energy use. In fact, for every 100 homes built with Warmup Pro Hydro systems instead of pre-packaged room kits, over 15 tons of CO<sub>2</sub> is saved each year.

Scan the QR code below to get a quote. Simply enter the details of your project and in a few clicks, we'll provide you with a comprehensive quote with full costings.

► Warmup Plc, 702 & 704 Tudor Estate, Abbey Road, London, NW10 7UW, United Kingdom

Website: [www.warmup.co.uk](http://www.warmup.co.uk)

Email: [uk@warmup.com](mailto:uk@warmup.com)



# Warmup



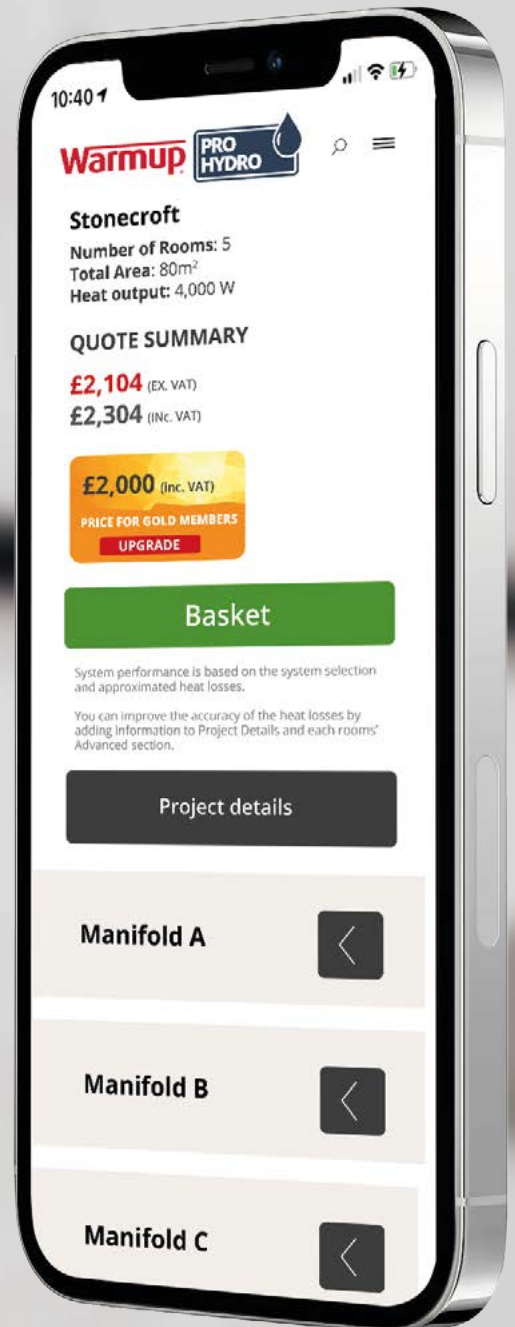
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# CAESARSTONE LAUNCHES WHITELIGHT COLLECTION AS CONSUMER DESIRE FOR CLEAN, WHITE, NATURAL STONE SURFACES CONTINUES

Pioneering surface brand Caesarstone has expanded its offering of high design, high-performance countertops with the addition of the Whitelight Collection.

A true celebration of nature, the collection features a suite of lighter tones and organic forms that meet our growing desire to bring elements of the outside world into our homes.

The new designs of the Whitelight Collection showcase the individuality and complexity of natural stone and the variety of ways in which diverse marble motifs have been interpreted to meet this highly desirable aesthetic; a style that communicates luxury, comfort and cleanliness along with a timely connection to our external environment.

Over a decade ago, Caesarstone began introducing more organic looking designs to its surface collection; another first for the company that had pioneered the quartz industry 20 years earlier. These 'Supernatural' designs captured the very

essence of the outside world, delivering all the subtlety and elegance of natural stone without any of the drawbacks. All of this expertise has been called upon to develop the new Whitelight Collection.

The Whitelight Collection comprises three brand new designs; 5171 Arabetto, 5112 Aterra Blanca and 5114 Calacatta Maximus. Each of these surfaces embodies Caesarstone's drive for interpretive designs that emulate not just stone but the broader natural world.

New designs sit alongside timeless Caesarstone classics, such as 5031 Statuario Maximus, 5143 White Attica and 4141 Misty Carrera, meaning designers and homeowners can find the perfect light, naturally styled Caesarstone surface no matter what kitchen style or price point.



Individually, these surfaces are unique; collectively, they offer an imaginative interpretation of the timeless desire for white marbles, albeit with the heightened technical properties familiar with any Caesarstone quartz product.

All Caesarstone quartz surfaces are non-porous, scratch resistant, durable, impervious to stains and easy-to-clean, with a 25-year warranty.

"Some things never go out of style, they are timeless, and lighter, whiter, natural looking stone surfaces sit perfectly within this category", says Jonathan Stanley, VP Marketing for Caesarstone UK & EMEA. "Soft white tonal designs and marble motifs remain hugely desirable and our new Whitelight Collection, which launches this Spring, extends our product portfolio in this area, affording huge choice to consumers and designers. Already a very popular style, our increasing need to connect with the outside world and to bring it into our homes means that this look will continue to dominate kitchen design for the foreseeable future."

"All Caesarstone quartz surfaces are non-porous, scratch resistant, durable, impervious to stains and easy-to-clean, with a 25-year warranty."



► The Whitelight Collection will be available from 19th April 2021. Prices start from £410 per sq/m. For further information on the range, as well as details on how to order samples, contact [info@caesarstone.co.uk](mailto:info@caesarstone.co.uk). Request a sample here: [www.caesarstone.co.uk](http://www.caesarstone.co.uk)

## INTRODUCING FOREST: A NEW BOLD SURFACE FROM STARON



Inject a pop of colour into the home and create a dramatic interior scheme with award-winning, premium solid surface brand, Staron's new Forest hue. Whether used for worktops, walls, reception desks or even wall cladding, Staron's bold new shade promises to add a touch of decadence to interiors.

Dark and sophisticated, Staron's unique structure, made from a sophisticated blend of natural minerals and thermosetting acrylic polymers, ensures striking colour runs throughout the entire thickness of the surface, resulting in a crisp and perfectly seamless edge, which is exposed wherever the material is cut.

Adding depth to interiors, the rich and on-trend earthy hue is guaranteed to add a stylish touch to any space.

Created using the process of thermoforming, Staron has the ability to be moulded into various shapes- giving designers and specifiers unlimited scope when it comes to design, allowing unique silhouettes to be formed to suit a variety of projects.

The perfect surfaces for homes, offices, retail spaces and hotels, Staron is a not only a hygienic and practical choice, but it is as beautiful as it is functional too.

[www.staron.com](http://www.staron.com)



## BUILDING ABOVE THE REST: LUXURY LOFT DESIGN

With over 30 years' experience, Rich Conlin and Paul Gibbs started The Loft Room to fulfil the need for luxury design and service in the loft conversion industry and now proudly work on homes across South West London, Surrey, Berkshire and Hampshire.

Unlike most traditional loft conversion companies, The Loft Room was founded and now managed by two expert carpenters who set



out to create bespoke spaces and offer an exceptional experience for their clients. Now, after building hundreds of lofts (and many more before The Loft Room), Paul, Rich and their team of architects and structural engineers have an extraordinary ability to turn any loft into the heart of their client's home. In the office, Rich's wife Melissa and his mother-in-law Maggie keep everything running smoothly – ensuring this family-run business provides a unique luxury service like no other. The future is luxury, unique spaces that upgrade and add value.



[the-loftroom.com](http://the-loftroom.com)

## Leading suppliers of high quality Artificial Plants

**Established in 2004, Just Artificial have many years' experience as one of the UK's leading suppliers of high quality artificial plants, trees, silk flowers and related accessories.**

They have a range of fantastic options which will set your space apart from the rest, allowing you to create an indoor & outdoor Eden. Trees from 1m to 5m tall!

With a range from high end to budget friendly they supply Commercial, Businesses & the General Public, offering Worldwide delivery & Bespoke builds. Installs available (to certain parts of the UK) and Bulk Order Discounts.

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# MM

## MIRROR MANIA

Bespoke Mirrors & Glass Since 1985



Few materials inspire the imagination in the way glass and mirror can. By augmenting the sense of space, light and even adding colour, these stunning options breathe an extra dimension of opulence into any design project.

At MIRROR MANIA, we are experts in mirrors and decorative glass. We understand that designers, architects and renovation specialists are constantly striving to integrate new, creative features into their work. We also know it can be difficult to find a company offering unique and made-to-measure premium products.

Besides an extensive range of exclusive, hand-crafted products (we currently have a portfolio of 1,300 designs), we specialise in creating – or inspiring you to create – bespoke mirrors and decorative glass or acrylic work.

MIRROR MANIA's products work in all kinds of residential and commercial projects, and for all eras and styles of architecture, whether a hyper-modern build or a listed building.

We can custom-design domes, wall and ceiling panels, as well as door and window glazing. We can tailor designs to your bespoke colour scheme, and to fit even the most unusually shaped spaces.

Established for more than 30 years, MIRROR MANIA is an independently owned British company, led by award-winning mirror artist, Phillip Orr.



Our products are hand-crafted in our workshop, using special patented techniques to make outstanding flat and 3D mirrors, mirrored artworks and decorative glass products. Based in Norfolk, we deliver nationally and internationally, and we also have a large showroom.

So, if you are looking for the perfect finishing touch for your project, call us to speak directly to our design team for advice or to interpret and create exactly what you have been looking for.

- An extensive range of beautiful hand-crafted mirrors
- Decorative glass for window or ceiling panels, or domes
- Unique products – no two will be exactly the same
- Inspiration to create feature details
- Designs tailored to your requirements, including colour matching and unusual shapes
- Reliability from design to delivery from a British company
- Tailor-made packaging with handmade timber crates and protective covering and edging



**Mirror Mania**

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**Web:** [www.mirrormaniaman.co.uk](http://www.mirrormaniaman.co.uk)



## DOORS OPEN AT LUXURY SCHEME WITH ELECTRIC CAR CHARGERS AND A NEW WOODLAND IN THE WILTSHIRE VILLAGE OF BLUNSDON

The doors have opened at Hayfield Wood in the Wiltshire village of Broad Blunsdon.

The unique development of 70 luxury homes and bungalows features sound-deadened studies, electric car charging points and a new woodland featuring 4,755 native trees and shrubs. The 16-acre scheme will also include a new community shop, café and wildflower meadow.

An elegant yet striking five-bedroom show home by Lifestyle Interiors has been styled to illustrate a fresh bold approach to show home design. It features statement monochrome furniture and accessories, which is the iconic runway style trend of 2021.



Kelly Sharman, Sales and Marketing Director for five-star homebuilder Hayfield said: "Hayfield Wood presents an opulent, eco-friendly contrast to other new homes recently built in this part of Wiltshire. The first 11 off-plan homes that we released for sale prior to the development opening its doors have already been matched with buyers, illustrating the demand for a scheme which harmoniously blends luxury living with being at one with nature.

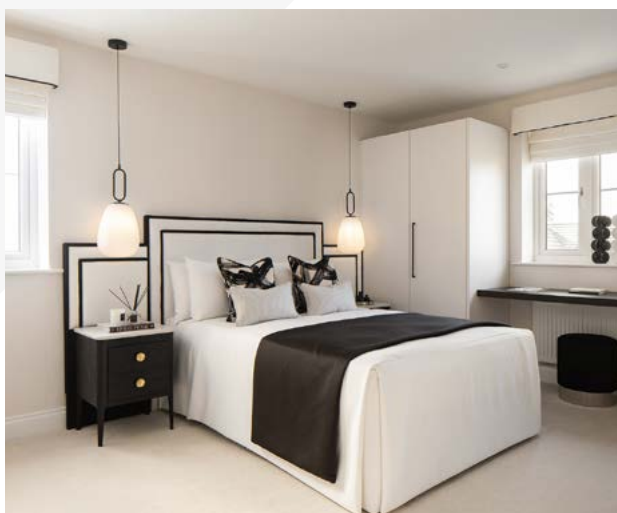
"Electric car charging points and efficient underfloor heating are some of the eco features which will contribute to lower running costs, while the installation of sound-deadened studies and ultra-fast broadband will enable the future homeowners to reduce their carbon footprint further by having a dedicated workspace at home. We are really looking forward to welcoming people into the inspiring show home, adhering to our Covid-19 Safe Operating Procedure."



"Hayfield Wood has been designed around an array of mature trees that are being retained and incorporated within the expansive development area."

Hayfield Wood is located off Sams Lane in the old historic core of Broad Blunsdon, close to local amenities and schooling. The show home is open daily between 10am – 5pm and prices for the current release of three, four and five-bedroom houses range from £375,000 to £630,000, with incentives available on selected homes. Two-bedroom bungalows will be included in future releases.

Gemma Schofield, Managing Director at Lifestyle Interiors said: "We have taken inspiration from commercial galleries and boutique hotels for the Hayfield Wood show home, which combines the richness of architectural features, luxurious textures and couture detailing with the contrast of strong prints, monochrome shades and reflective elements. The key to creating a successful monochrome interior is allowing one shade to be the dominant partner. The absence of colour here provides a beautifully calm and restful interior, featuring art deco inspired lighting and bespoke-made furniture. We really hope it inspires people to be bold with their own home décor."



The collection of homes will feature Hayfield's luxurious specification, including bespoke Manor Interiors kitchens, ROCA and Laufen bathrooms, Minoli ceramic tiles, heritage bronze ironmongery, key lighting features and Farrow & Ball paint.

Hayfield Wood has been designed around an array of mature trees that are being retained and incorporated within the expansive development area. Meanwhile, the newly planted woodland will stretch to well over an acre, creating a natural landscape buffer with the neighbouring 13th Century St Leonard's Church.

Broad Blunsdon lies six miles north of the centre of Swindon, with the A419 forming the village's southern boundary. The sought-after village was mentioned in the Domesday Book. Following thorough analysis of the existing high-quality architectural vernacular, the selection of house designs are being constructed in a mix of red brick and reconstituted stone, taking inspiration from traditional properties in the village.

**▶ To book a viewing, please call 0800 161 5425 between 10am – 5pm, or email [HayfieldWood@Hayfieldhomes.co.uk](mailto:HayfieldWood@Hayfieldhomes.co.uk). Further details are available at [www.hayfieldhomes.co.uk](http://www.hayfieldhomes.co.uk).**





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Read the full story, visit the [recent project](#) page on our website.



# CARIBBEAN BLINDS PATIO AWNINGS PROTECT FROM THE UK SUMMER - RAIN OR SHINE!



With foreign holidays still currently banned and the earliest possible date to travel given as 17th May, the majority of Brits are once again choosing to holiday at home and transform their outdoor spaces in to their own little piece of paradise.

Being outdoors in the UK requires shade, be that from the blazing sun or the pouring rain and for that reason, high-quality patio awnings that provide solar shading protection is a garden essential and Caribbean Blinds has everything you need. Their practical and stylish, retractable awnings provide instant shade and shelter offering full protection from the elements, resulting in the ultimate al-fresco living space.

Whether you live in a house, bungalow or apartment, on a two-storey or single storey façade, in the countryside, inner-city or coast, the Caribbean Blinds outdoor retractable patio awnings are designed for every application, requirement and budget extending your living space outside with full protection from the elements. And with their ability to design and build bespoke brackets, there is no application in the UK where they cannot install an electric patio awning.

With a selection of awnings and pricing, there is something for everyone and four models to choose from. Prices range from £2,950 to £14,950 and include VAT, installation and a 5-year guarantee as well as unrivalled customer service.

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All of the blinds are natural cooling, sun safe, anti-glare and provide shelter.

Caribbean Blinds prides itself on offering truly superior and innovative products that will outperform and outlast. Finishing touches and attention to detail including colour co-ordinated stitching and concealed fixings set their products apart, whilst their expert advice and knowledge ensures the right external shading system for your application, requirements and budget.

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# TAGGART HOMES BEGINS CONSTRUCTION ON INNOVATIVE NEW OUTDOOR MULTIFUNCTIONAL WORK PODS

Taggart Homes has commenced works on the first phase of 100 high spec outdoor work pods suitable for home working and a range of small businesses including beauty salons and gyms.

The pods will come in a variety of sizes and designs and will be available to the public in the UK and Ireland, as well as buyers of Taggart Homes properties this week, at a starting price of £10,000 + vat.

With the rising trend in home working due to the COVID-19 pandemic and many business closures causing economic uncertainty, the pods will offer customers an outdoor office option, and a dedicated outdoor space, from which many sole traders and small business owners such as personal trainers and beauty therapists can run their own businesses away from the rest of the house, with room for supplies and equipment. There is also scope to be creative with the pods for personal use – as a personal gym, bar, or a place to rest and relax, or to indulge in a hobby.

The first phase of garden pods by Taggart Homes will be available to purchase from this week, and existing Taggart homebuyers will be offered the opportunity to have a pod installed on their property.

Selling agent Pygott and Crone has been appointed as the UK agent to launch the garden rooms.

Michael Taggart, CEO of Taggart Homes, said: "As living and working habits continue to shift for many given the present circumstances, there is a growing movement to home working and as people look to optimise their living environment, and they are looking to upgrade properties.



"With this trend for home working and many businesses having to close their doors – the outdoor work pod is a versatile asset and can work as a home office, or a space for small business owners – adding value and versatility to homes.

"We are excited to introduce these pods to the public and will be offering our existing Taggart homeowners the chance to snap one up for their property. This is just the first phase and we plan on creating more in the future as we believe they will continue to be a desirable and valuable addition to any home.

"At Taggart Homes, we always put ourselves in the mind of the customer and we have a duty of care to the buyer. Practicality, aesthetic and energy efficiency are all key aspects that we try to incorporate into all of our homes to guarantee value for money and quality that will last several lifetimes of wear."

Tim Downing, director at Pygott & Crone, said: "With a change in people's working practices and a shift to working from home - the Taggart garden rooms offer an ideal solution and the team at Pygott and Crone are receiving an incredible number of enquiries."

[www.taggarthomes.com](http://www.taggarthomes.com)

"We are excited to introduce these pods to the public and will be offering our existing Taggart homeowners the chance to snap one up for their property."





# SUSTAINABLE COMPOSITE DECKING



When it comes to deck designs, more homeowners are thinking outside the box. Regardless of the size of the garden – or budget – Brits no longer feel confined to a basic square space. Remodelers, designers and architects report increased interest from clients in decks with multiple levels, accent walls, curves and cantilevers.

A great deck can add valuable space to a home, and materials matter. Designed to deliver incredible durability, easy maintenance and lasting beauty, Trex composite decking offers performance, sustainability and aesthetic benefits over timber, as well as other outdoor surface materials.

While aesthetics drive many deck-building decisions, homeowners across the country are just as interested in performance. Unlike timber, Trex composite decking resists fading, staining, scratching and mold – and won't rot, warp, crack or splinter. No sanding, oiling or painting is required, and food and drink spills wash off easily with just soap and water. Plus, it's made from 95% recycled materials, so it's an eco-friendly choice that clients can feel good about.

Featuring high-definition, grain patterns and rich, saturated colors, Trex decking offerings are nearly indistinguishable from timber textures. Available in a wider variety of color options, composite boards range from deep earth tones to spicy reds and pristine greys, including tropically-inspired boards that feature the distinct streaked look of exotic hardwoods.

**▶ To learn more about Trex composite decking and other outdoor living products, visit [uk.trex.com](https://uk.trex.com).**





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All products are designed to last and are fully UV stabilised, preventing colour fade. Even better, all grasses benefit from a 10-year warranty! As a manufacturer, they are passionate about continual investment in research and the use of the latest technology is imperative. Combine this with clever innovation from a team of exceptional designers and this has led to them becoming the natural choice for artificial grass for the last 30 years.

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Terraqua Environmental Solutions specialize in the creation and maintenance of lakes and ponds. Our wealth of practical water-management knowledge means we provide a reassuringly good service for private individuals and Estate owners.

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In addition to lake and pond construction we can provide a full range of maintenance services including dredging, pond lining, water control structures, dam repairs and leaks, construction of jetties, fishing platforms and bridges.

All works are carried out by our team of highly skilled and experienced staff who have worked with us for many years. They are very knowledgeable and passionate about what they do and take great pride in their work allowing us to consistently deliver projects of the highest quality.

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# BESPOKE ROLLING LADDERS

Our rolling ladders are not just a simple access solution, but they are a key design feature in their own right. Often spotted in city centre cocktail bars as well as around other commercial and even domestic applications, our rolling ladders offer style and substance to even the trickiest of access solutions.

Over time we have revolutionised our rolling ladder system to enhance the look of our ladders in different environments. We don't only provide captive rolling systems but also offer a hook on ladder for ultimate simplicity.

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ladders are available in Oak, Ash, Maple, Redwood and Walnut.

We've also recently designed a timber and stainless steel rolling ladder, which is perfect for modern spaces!

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finish we can paint, oil, lacquer or stain your rolling ladder for you, to protect the wood and match your decor.

If you are looking for a stylish access solution for your book shelf, mezzanine or any other application don't hesitate to get in touch.

**For working at height help and advice or for more rolling ladder options give us a call on 01204 590 232 or visit our website.**

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## WHEN THE DEVELOPER LOVES THE HOMES HE BUILT SO MUCH, HE MOVES IN!

You know that you've bought a home in a special development when the developer himself decides to move in. This was precisely what happened at West Hill Place in Putney.



The driving force behind Nomad Developments, Managing Director Jack Simpson, put his heart and soul into the project, delivering a boutique collection of four family homes just a short stroll from central Putney, SW London. Each home was built with meticulous attention to detail and finished to the highest level of specification and craftsmanship.

Nomad directly subcontracted artisan craftspeople to produce a finish seldom found in new build properties. Materials were carefully chosen to achieve harmony and elegance throughout each of the substantial, four-bedroom homes. The ground floors feature trunk oak flooring, kitchens and bathrooms are tiled in marble and ceramic and main bedrooms come with marble en-suite wet rooms.

The accommodation itself is spacious and thoughtfully designed. Floor to ceiling windows and doors to gardens and balconies flood the homes with light, with living areas designed to be inviting spaces for relaxing and entertaining, while bedrooms deliver a restful, sophisticated vibe.



The exteriors at West Hill Place have received the same degree of attention as the interiors, with landscaped gardens to the front and artificial lawns to the rear for the ultimate in low maintenance outdoor space. External BBQs/kitchen areas make outdoor entertaining a delight, while Jack has added a heated swimming pool and an outdoor bar to his own property, creating a haven of relaxation within the heart of this bustling, popular area of London.

The quality of the high-end family homes at West Hill Place was recognised instantly by those who visited. One of the properties sold off plan, while the others were purchased during the opening weekend. Prices ranged from £2.225m to £2.3m.



"Materials were carefully chosen to achieve harmony and elegance throughout each of the substantial, four-bedroom homes."



The properties launched in April 2020 and completed in August of the same year. Nomad Developments' Jack Simpson comments:

"We knew from the outset that West Hill Place was going to deliver four rather special family homes. As the development began to take shape, it was wonderful to see the result of our keen focus on quality unfolding. The market has been busy throughout lockdown in this area of London, as the speed at which these homes were snapped up demonstrates. I was delighted to be one of those purchasing one – I can't think of anywhere I would rather live."

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## SOCIAL HOUSING SECTOR RUNNING OUT OF TIME TO MEET SUSTAINABILITY TARGETS, SAY INDUSTRY EXPERTS

**Nine in ten social housing construction professionals believe the sector is in urgent need of new government guidelines if it is going to successfully meet sustainability targets, new research has revealed.**

In a survey of 150 decision makers, including architects, involved in the specification of building materials used for social housing developments, 88% agreed that the sector cannot wait for the pending Decarbonisation Fund and Decent Homes Standard review to define how it is going to become more sustainable – it needs this detail now.

In addition, almost a third of architects (28%) said that the government is yet to adequately define what constitutes the design and build of a sufficiently sustainable home.

The research by Wienerberger, a leading provider of wall, roof and landscaping innovations, explored several key social housing issues, including the housing shortage, sustainability and building quality. It found that the sector was in desperate need of support and guidance if it is to overcome the challenges it's facing. This guidance was expected to be included in the Social Housing Whitepaper which was released late last year, but it failed to clarify a number of key details the sector was waiting on.

When it came to when the sector would need guidance by, a quarter said that it was too late and that further detail was required in 2020 if it was going to adapt in time to meet the government's sustainability targets.

Over half (57%) of the architects surveyed believe that there is still time, but only if the government provides further guidance in the first half of this year.

Not only must the UK build more sustainably, but it also needs to increase the rate at which new homes are built to reach the government's target of 300,000 new homes by 2025. 56% of social housing experts said that, like with sustainability, significantly more guidance and support is required from the government if it's to meet this target.

As well as building greater volumes in a more environmentally friendly manner, the UK's social housing stock needs to maintain a high standard of build quality. 71% of architects said that to improve standards without exceeding costs or being non-compliant the sector needs to improve how it collaborates and communicates so that it can share best practice methodologies, technologies and innovations.

To better understand the standard that housing needs to meet, more than half (57%) of the architects Wienerberger questioned said that the pending review of the Decent Homes Standard must provide clarity on building quality.





"We need to strike while the iron is hot and while people are passionate about it... I'd like to see this rise to the top of the public agenda again once we're through the pandemic."



Wienerberger discussed its research findings with a panel of senior decision makers from across the social housing sector during a virtual roundtable.

During the discussion, Michael Swiszcowski, Director at Chapman Taylor, shared his views: "While the targets are tough, if people think they've failed already then they might stop trying, so it's important to keep going. As we've learnt, the government tends to follow the market and be reactive with its response. It's the same with the sustainability agenda. We need to strike while the iron is hot and while people are

passionate about it... I'd like to see this rise to the top of the public agenda again once we're through the pandemic."

Tomasz Romaniewicz, Associate at Bond Bryan, added: "I think we're miles away from meeting the government's sustainability targets to be honest. It has to be viable for businesses and at the moment it often isn't and the guidance is muddy – we need a clear and viable route to the destination."

► For more information on Wienerberger and the solutions it offers, please visit: [www.wienerberger.co.uk](http://www.wienerberger.co.uk)

# CUPACLAD IS THE LOGICAL CHOICE FOR STRIKING LEANING HOUSING BLOCK



London-based architect, WHAT\_Architecture has specified CUPA PIZARRAS' CUPACLAD 101 Logic as the ideal rainscreen cladding system for a new and unusual housing block in Peckham. Crucial to this decision was the system's ease of installation and its natural aesthetic, which helped the contemporary design to also complement the surrounding and traditional urban landscape.

Located on the corner of Costa Street, the project is part of a wider scheme to regenerate the Peckham area. The unusual housing block has been designed to look as if it is falling. It is constructed with a cross laminated timber interior superstructure, while the form of the upper half of the building is a leaning mansard, angled towards the adjoining garden at a 72-degree angle – creating a truly striking aesthetic.

WHAT\_Architecture looked at a variety of materials during the planning process, before selecting natural slate. A completely natural material, slate provided imperfections and rough edges, which suited the desired aesthetic for the housing block. In addition, the slate helped to reflect the character of the surrounding, more traditional buildings.

Antony Hoete, Director of WHAT\_Architecture commented: "We have used slate here to do things that brick just could not do. The brick components of the building weigh about 150 kg per square meter, whereas the slate comes in at just under 30 kg per square meter. By using lightweight slate, we have been able to create the leaning effect we desired with an incredibly robust building material.

"Furthermore, the metal-bracketed CUPACLAD system allowed us to hide the services behind the cladding and also reinforced our idea of connecting the contemporary with the traditional."

CUPA PIZARRAS' CUPACLAD 101 Logic slate rainscreen cladding uses a single aluminium fixing system with self-

drilling screws designed to ensure an optimum cladding installation, while remaining invisible to the eye, to avoid impacting the overall design. The 7.65mm slate used is a robust and weatherproof roofing material, which has passed the British Board of Agrément (BBA) certificate for impact testing, ensuring that the slate has long-term durability and will remain watertight.

"CUPACLAD is a modern and easy installation system. We chose the CUPACLAD 101 Logic as its design layout also reflects that of the brick base, without actually using brick," said Diana Kulacka, Project Architect from WHAT\_Architecture.

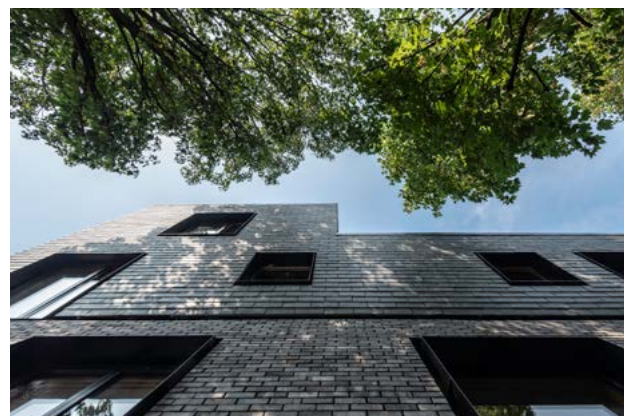
Terry Collins, Specification Manager at CUPA PIZARRAS commented: "When approached to help find a solution for Costa Street, we started by undertaking a site visit and survey to ensure we would absolutely understand the architectural vision and how to make it a working reality with slate.

"It's incredibly important to us to have a close and collaborative process, as this helps to ensure the finished project is exactly as desired. Helping us to achieve this is our London showroom, which is a valuable space where architects can view the materials and talk to our experienced team."

Quarried from CUPA PIZARRAS' own quarry in northern Spain, the slate used on CUPA PIZARRAS' CUPACLAD systems requires no chemicals or heating involved in its extraction making it a sustainable material choice as well which, combined with the modern aluminium cladding system, is capable of redefining the aesthetics of façades.

Taylor Maxwell is now the exclusive UK distribution partner for CUPACLAD. When specifying this innovative cladding solution, you will not only have the support of Natural Slate experts but also from a team with over 60 years' experience in supplying external façade solutions to the UK construction industry..

► For more information on CUPACLAD natural slate, please visit [www.cupapizarras.com/uk/rainscreen-cladding/](http://www.cupapizarras.com/uk/rainscreen-cladding/).







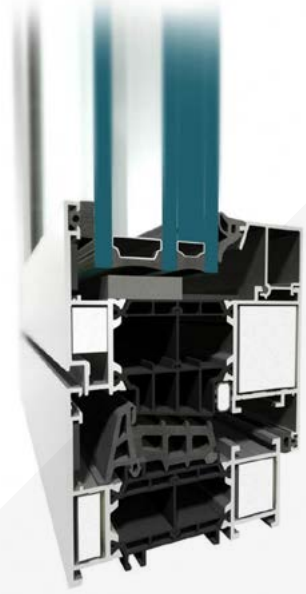
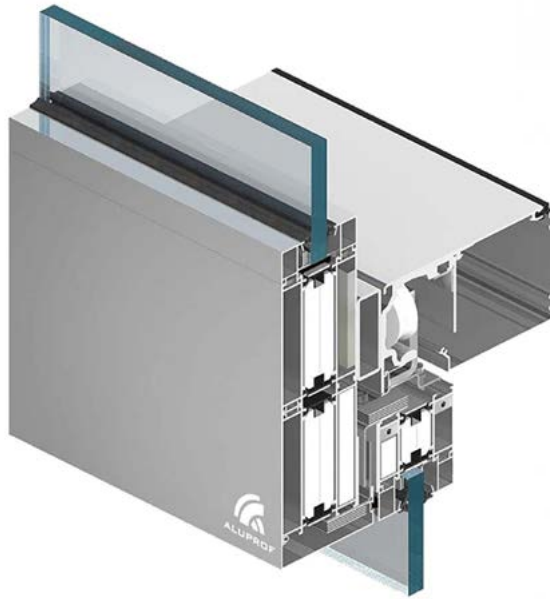
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# UK CA



## THE MOVE TO UKCA MARKING OF EXTERNAL FIREDOORS

by Wojciech Brozyna - MD of Aluprof UK

Since Brexit the UK now sits outside the European Economic Area (EEA) and has a trade agreement which helps businesses trade without tariffs between the EEA and the UK. Despite the increased levels of paperwork required for such imports and exports, it is 'almost business as usual'.

Over the last few years conformity with legislation and standards present in Europe have been a prerequisite for producing and selling any goods within the EEA. This included products produced here, in the EEA or from overseas. Known as 'CE' marking, it is applicable equally to the manufacture and sale of a paper clip to more complex fire doors and fire screens. The 'CE mark' is a certification mark that is widely used throughout the EU.

Now the UK has launched its own conformity mark, the 'UKCA mark', this means that all products produced outside or inside the UK, for UK use, must carry the new UKCA mark. Fortunately, both conformity marks CE and UKCA, can be used this year, all products sold in the UK next year, 2022, must carry the UKCA mark.

In Northern Ireland, matters get a little more complicated as manufacturers have their own UK(NI) mark to comply with which must be used alongside the CE marking. Whilst Great Britain will accept the UK(NI)+CE marked products known as 'unfettered access', products manufactured in Northern Ireland only need to carry the CE mark if they are to be sold solely in the EEA. Part of the reason for the difference in

Northern Ireland is that whilst Northern Ireland sits within the EEA, from the 1st January 2021, it is now outside the EU Customs Union. It must be reiterated that for products manufactured and sold in Northern Ireland, they must always carry both the CE mark and the UK(NI).

The 'product' from the 'end fabricator' must be CE marked (accepted up to the end of 2021) and/or UKCA marked, this refers to all the parts that make up the final product from various suppliers such as the framing system, glazing and hardware. This must be declared in one document and on installation it is not possible to substitute any part. The product, such as supplied in a firescreen, including doors and glazing, is supplied to site complete in a fabricated form, glazing can be supplied separately on a stillage but must be supplied by the 'end fabricator'.

The door and sidescreens, or top-lights, must fall within a single overall frame, it is not possible to declare and UKCA mark a coupled door frame to a side screen or toplight. The company installing the product on-site may be another company who has sourced the product from an 'end fabricator'. It is the manufacture of the installed product that carries the responsibility for the UKCA marking by ensuring that the installer follows detailed installation instructions. The pressure is now on manufacturers to ensure that all their products are all reassessed through UK Approved Bodies before the end of this year if they are continuing to be sold in the UK and carry the UKCA mark.



"Now the UK has launched its own conformity mark, the 'UKCA mark', this means that all products produced outside or inside the UK, for UK use, must carry the new UKCA mark."



From the 1st November 2019 ALL external fire rated doorsets MUST carry conformity marking, CE and/or UKCA (from the being of 2021), to ensure conformity to both BS EN 14351-1:2006+A2:2016 - 'Windows and doors. Product standard, performance characteristics. Windows and external pedestrian doorsets.' and BS EN 16034:2014 - 'Pedestrian doorsets, industrial, commercial, garage doors and openable windows. Product standard, performance characteristics. Fire resisting and/or smoke control characteristics.'

The Standard, BS EN 16034 Pedestrian doorsets, industrial, commercial, garage doors and openable windows – Product standard, performance characteristics – Fire resisting and/or smoke control characteristics, cannot be used on its own for CE and/or UKCA (from the being of 2021) marking purposes as it must be used in conjunction with BS EN 14351-1. External Pedestrian Doorsets can include sidescreens as long as they are not coupled. The required characteristics are then raised on the DoP (Declaration of Performance) by the 'end fabricator' based on the ITT data supplied by the systems company and the fabricator's own CoCoP (Certificate of Constancy of Performance). A UK approved body then have to assess the fabricator to AVCP System Level 1 and only then can the UKCA mark be attached to the product. As a result of these imposed regulations, BS 476: Parts 20 & 22 can no longer be used as fire test evidence to CE and/or UKCA mark an external fire rated doorset.

Whilst BS EN 16034 was first published in October 2014, it didn't become a harmonised standard available for use as CE mark evidence until 1st November 2016. As with all new standards, there is a co-existence period in which current standards run alongside the new standard which lasted for three years ending on the 1st November 2019.

As for internal fire rated doorsets and screens we still wait for the BS EN 14351-2 'Product standard, performance characteristics. Internal pedestrian doorsets.' To be cited in the Official Journal of European Union (OJEU) which was

expected to be published in November/December 2019. This means that it is currently not possible to CE and/or UKCA mark internal fire rated doorsets and screens until the harmonisation of this standard occurs. Products can still be tested to achieve stated performance and covered by third party means such as Certifire.

As aluminium remains the most widely specified material for commercial windows, doors and curtain wall, it should come as no surprise that as a leading European systems company, Aluprof offer a comprehensive range of fire rated systems.

With an 86mm frame depth, the new glazed window and door system, MB-86EI can achieve class EI15, EW30, EI30, according to BS EN 13501-2:2016. Complete with polyamide thermal breaks, the door system is ideal for use in both external or internal applications. Doorsets can be manufactured with both fixed lights and opening, single or double doors, in a single outerframe to be UKCA marked, but it must be remembered that external coupled screen assemblies cannot be UKCA marked to BS EN 16034:2014.

Furthermore, in what is believed to be a first for the UK industry, a cap-less, fire rated curtain wall system is available and has been installed on a refurbishment development in Manchester. The project, known as 'The Core', is located at 24-30 Brown Street in the city centre and uses the 'MB-SR50N EI EFEKT' developed by Aluprof. A fire rating of EI60 was required on part of the new cap-less, curved glass facade on the top floor. Aluprof's new system, MB-SR50N EI EFEKT, enabled the architect to have a cap-less fire rated system whilst at the same time seamlessly blending in with areas which did not require a fire rating.

The Aluprof brochure entitled, 'Fire Rated and Smoke Exhaust Systems', explains in detail each product and rating. Aluprof systems offer some of the highest fire protection ratings in Europe, some reaching EI120 - that's two hours fire and smoke protection. Each system has been tested according to European industry standards with various specialist glasses and many are fully covered by the UK's 'Certifire' certificate of approval. With the emergence of the separate UKCA and UKNI marking it is advisable that you contact Aluprof for further technical advice when specifying for use in the UK and Northern Ireland.

Since setting up the Aluprof Office at the Business Design Centre in London, the company has rapidly grown their specification influence in the UK with their high performance architectural aluminium systems. Further expansion of the companies headquarters in Altrincham now provides specifiers with meeting facilities and an extensive showroom of commercial systems to view. With overseas growth across Europe spreading into the Middle East and firm roots already in the East of the USA, the company is becoming a global player in facade supply.

► **Further information is available on the companies website at [aluprof.co.uk](http://aluprof.co.uk) or direct from their UK office in Altrincham on 0161 941 4005.**



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You make a great effort arranging every detail of your property to make sure it fits your needs. Comfort, flow, light and space, functionality. You landscape its surroundings to blend with the environment and enhance the view. You might even think about installing a few cameras for security. At APS we take your security seriously, starting outside to keep you safe and secure inside. Perimeter security has never been more important whether at home or at work. Advanced Perimeter Systems range of perimeter security systems provide solutions for every security challenge from industrial, commercial



to domestic property. Our solutions are quality assured. Secured by Design, proven, reliable, robust and simple to install. Whatever challenges you face securing your property why not give us a call to discuss your needs we may be able to design a bespoke solution just for you. Advanced Perimeter Systems has a reputation as a manufacturer and designer of high quality, high security, perimeter security solutions.

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## NEW ALL-IN-ONE LICENCE PLATE READER IS THE SIMPLE AND ACCESSIBLE SOLUTION FOR AUTOMATIC VEHICLE IDENTIFICATION

People and vehicle access control specialist Nortech is now offering Nedap's ANPR Lumo, an advanced licence plate camera for vehicle access control. The ANPR Lumo is an all-in-one licence plate camera, including embedded software, analyser and IR illuminator. With a range of action of 2 to 10 metres, the advanced camera ensures

a smooth recognition of vehicles. Typical applications include vehicle access control, automatic toll collection, free flow applications at parking facilities or other situations in which it not desirable to issue RFID tags. If vehicles need to be granted access temporarily or incidentally, the licence plate camera is the perfect solution.

► Further information is available from Nortech on 01633 485533 or by emailing [sales@nortechcontrol.com](mailto:sales@nortechcontrol.com) or by visiting the company's website at [www.nortechcontrol.com](http://www.nortechcontrol.com)

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or tablet from anywhere in the world. A combination of the doorbell, internal and external cameras, can all be accessed by using the same app. For more information on the Securefast home security range and other products in the Securefast range of safety, security and access control products please contact the sales team on 01704 502801.

► [www.securefast.co.uk](http://www.securefast.co.uk)

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### Snickers Workwear Stretch Shorts – For Street-Smart Comfort This Summer

Brand NEW Men's and Women's Work Shorts for the flexible working environment - designed for superior comfort and freedom of movement. Combining 4-way stretch fabric that delivers working comfort all day with street-smart, slim-fit designs, Snickers Work Shorts are great for grafting in the warmer months. These lightweight garments feature a body-mapping design and are made from a self-ventilating stretch fabric with CORDURA® reinforcements for durability all-round mobility when you need it most. The Men's FLEXIWork lightweight work shorts come with flexible gusset seams and also have easy-to-access holster pockets with zip compartments, an expandable stretch cargo pocket and a ruler pocket. The AllroundWork Women's multi-purpose, slim-fit shorts have 4-way stretch panels in the right places for consistent comfort, practical pockets for optimal functionality and great freedom of movement.

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### Traditional Style Feeder Pillars

We were asked by Rexel Bootle to quote for 43 Traditional Style Feeder Pillars, all finished in Black & Gold livery for the Princes Boulevard STEP Scheme which is now complete.

This £4m scheme forms part of Liverpool City Region's Sustainable Transport Enhancement Package (STEP) and focuses on the regeneration of the central reservation along Princes Boulevard and upgrading the carriageway and footpaths along Princes Boulevard and Princes Road. By installing the 1km long cycle path within the central reservation - a first for Liverpool - the scheme's aim is to improve cycle connectivity between south Liverpool and the city centre, with the plan to install a new Citybike station along the route.

The new cycle path would also form an extension of a new 'green corridor' to Otterspool that is due to be delivered in the next 12 months. The URBAN Green UP project has £3.4m of EU funding to install and test three 'green corridors' across the city, which was a key recommendation in the city council's Strategic Green and Open Spaces Review.

[www.fisherandcompany.co.uk](http://www.fisherandcompany.co.uk)



### Makita Launches New Compact 12Vmax Inflator CXT

Featuring Makita's CXT technology, Makita's new MPI00DZ 12Vmax Inflator is a compact and lightweight tool, ideal for many applications. The Inflator includes a range of accessories and boasts a number of features designed to improve ease of use. The new MPI00DZ has a maximum air pressure of 830kPa (121 PSI) and can discharge as much as 10litres of air per minute, making it a powerful tool suitable for tasks such as inflating vehicle and bicycle tyres, as well as inflatable beds, loungers, sports balls and toys. The tool comes with a range of adaptors, to fit every need – which can be stored in the tool's in-built storage section. The MPI00DZ includes a digital pressure gauge, which can be set to bar or PSI, and an auto-stop function, which will stop the tool from inflating an item past the pre-set target pressure. The inflator also includes a thermal cut-off, to protect it from overheating.

**The MPI00DZ is a body only machine; batteries and chargers supplied separately. To find out more about Makita's latest products visit [www.makita.com](http://www.makita.com)**



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# BUILDING FOR THE FUTURE: CREATING FURNITURE FROM V&A PACKING CRATES



As part of the V&A Museum's commitment to sustainability it has developed two exciting furniture upcycling initiatives using surplus stock of its exhibition pack crates. These initiatives demonstrate how waste materials can be given a meaningful life beyond a limited purpose.

In one initiative, nine designers were partnered with clients from the 999 Club, a homelessness charity in London, to co-create a piece of furniture that can be taken into temporary accommodation. The other gathered designers to create tables and chairs, also using the waste packing crates, for a Food Waste Feast that was held at the Day of Design event.

Throughout the project Festool power tools were used. James Wilson, Marketing Manager at Festool UK said "We are delighted that Festool products were part of this sustainability initiative, that has enabled expert designers/makers to share skills with people who have experienced homelessness enabling them to create unique pieces of furniture."

The project had a five-week turnaround time from design and creation to exhibiting at the Day of Design Festival that was part of the London Design Festival. The short time around time for the project meant that the power tools used needed to be sturdy, reliable and deliver accurate results, fast.

Furniture designer and maker, Tom Olesen (@tomtedesign) joined the project to mentor one of the 999 Club's clients. "It is the small innovative features of Festool tools that make life easier. For example, on the router OF 1010 the spindle stop means that changing cutters is simple, so we can get the job done quickly" Tom explained.

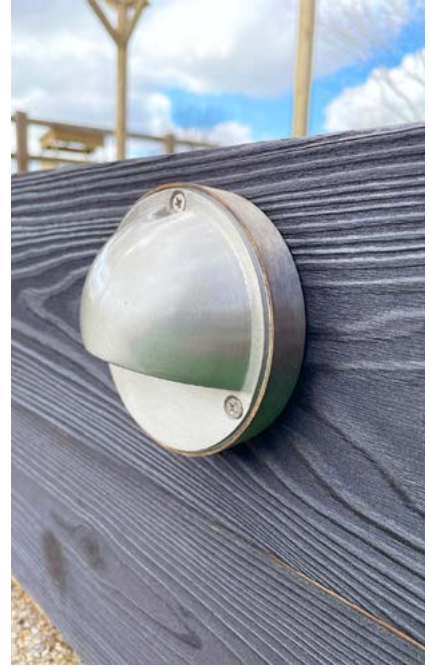
Zoë Louizos, Sustainability Co-ordinator, V&A said: "We are thrilled to have been able to use Festool products. This project makes valuable use of our surplus materials and showcases creative solutions to waste and provides a platform to support a diverse community of designers and makers, demonstrating design solutions to environmental and social issues we currently face."

**Festool is a manufacturer of premium power tools for professional tradespeople. To discover more about Festool please visit [www.festool.co.uk](http://www.festool.co.uk) and for more on the project please visit**

**<https://www.vam.ac.uk/blog/design-and-society/upcycling-our-waste-crates-in-response-to-ldfs-day-of-design-challenge>**



# ILLUMINATE TO APPRECIATE: DECKING, PERGOLAS & BEYOND



Enjoyment of outdoor spaces has proved so important over the last year; an activity set to continue this year. Spring and Summer always drives a passion to spend more time outside making garden improvements, often with help from landscape professionals for the best results.

In 2021, availability of high-end outdoor living products has increased to match strong demand; outdoor lighting is no exception. Lighting design quality and innovation are at an all-time high, with improvements in sustainability, technology, durability and function.

Garden lighting can completely transform a space, with the most popular seasonal lighting applications being wooden outdoor structures, decking, pergolas, steps, walls and planters. Make the most of your space with the following checklist.

## 1) Plan ahead

Lighting should be considered early within a project to make installation as straightforward as possible and to gauge best position and quantity of lights. Power supply is an important consideration, varying between 12v, mains 240v and solar, all of which have their own benefits.

## 2) Use 12v low voltage lights & LED lights where possible

There's so many benefits to using 12v lights instead of mains power. Once an outdoor socket is in place, 12v transformers simply plug into the socket, and lights will 'plug and play' into place after that. Easy, safe installation, suited to damp conditions. LED lighting is highly efficient and has become an industry standard across many types of lighting. For a full list of benefits and more information visit [www.lumenalights.com](http://www.lumenalights.com)

## 3) Choose 'Anti-Glare' for less light pollution and a nature-friendly environment

Anti-glare design is an important aspect of a light fitting. As well as protecting our wildlife, anti-glare light also protects us. A light should create a safe area to move around in, but glare can have the opposite effect. Anti-glare keeps everyone and everything safer, ensuring light is spread evenly in the relevant direction. Anti-glare lighting effects look great too.

## 4) Install lights built from durable materials

Sourcing the right materials results in keeping good quality lights for longer. Select materials to suit your environment, physically and visually. Brass or copper lights are naturally durable and look elegant, lasting for years with little maintenance. Copper will darken to blend in with rustic natural surroundings. Marine grade stainless steel and anodised aluminium lights are smart contemporary choices and highly weatherproof.

## 5) Consider Solar for a low carbon footprint: zero emissions, zero running costs & renewable energy

Lumena have revolutionised solar lighting in the UK with the Pro Solar range. These high quality, bright solar lights have guarantees of up to 5 years and work well in UK weather. They have impressive outputs, illumination times and charging capacity. Long life LEDs, panels and batteries are used, for 365 day illumination.

▶ See the full range at [www.lumenalights.com](http://www.lumenalights.com)



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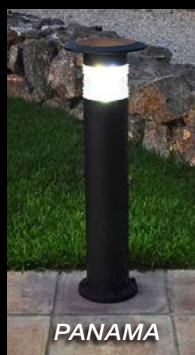
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