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SOUTH LONDON GALLERY FIRE STATION

Now an inspiring new gallery space for the South London Gallery (SLG)

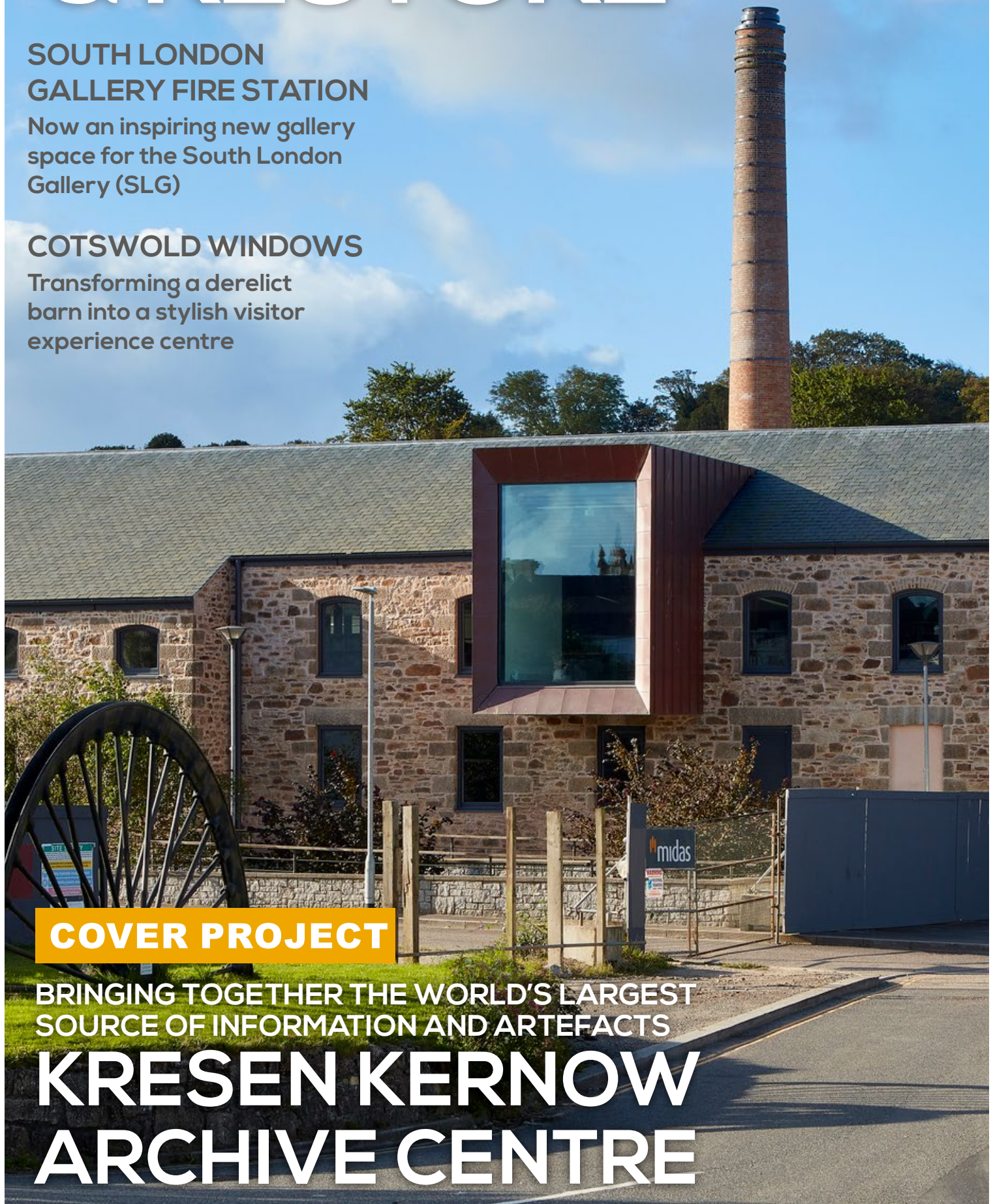
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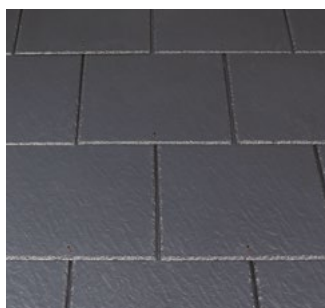
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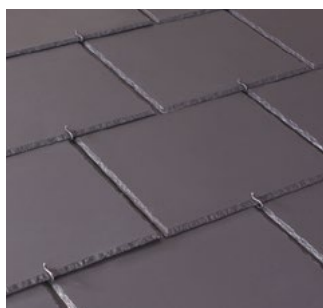


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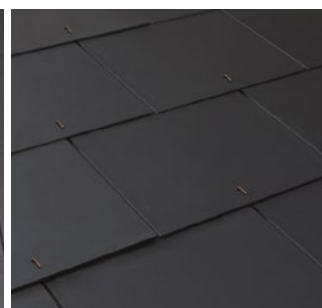
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Our Team

Editor-in-Chief

Antony Holter
T: 01304 806039
E: editor@mhmagazine.co.uk

Editorial Manager

Claire Morgan
T: 01304 806039
E: claire@refurbandrestore.co.uk

Editorial Manager

Chris Nicholls
T: 0203 9079161
E: chris@refurbandrestore.co.uk

Sales Manager

Lee Ashdown
T: 01227 392575
E: lee.ashdown@refurbandrestore.co.uk

Business Manager

Josh Holmes
T: 01304 806039
E: josh@mhmagazine.co.uk

Publishing Director

Martin Holmes
T: 01304 806039
E: martin@mhmagazine.co.uk

Accounts

Sue Wallace
T: 01304 806039
E: sue@mhmagazine.co.uk



MH Media Global Ltd
Innovation House, Discovery Park,
Ramsgate Road, Sandwich,
Kent, CT13 9FD

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SOUTH LONDON GALLERY FIRE STATION

A former Victorian fire station has been converted into an inspiring new gallery space for the South London Gallery (SLG), one of London's best loved contemporary art galleries.

Located just 110 yards opposite the main SLG building, the South London Gallery Fire Station at 82 Peckham Road now serves as an annexe or second venue, which has effectively doubled the size of the overall gallery, adding 425m² of public space.

New facilities include: an archive gallery and exhibition space on ground floor, a kitchen and terrace, with community and education facilities on the second and third floors and a top floor artists' studio, all designed to enrich the visitors' experience.

A fine example of Victorian Gothic architecture, the newly restored gallery has already won several accolades, including a 2019 RIBA London Award and a RIBA National Award for its sensitive restoration at the same time as a radical reconfiguration and internal transformation by 6a architects.

THE HISTORY

Dating back to 1867 and still in operation until 1925, Camberwell Station - as it was then called - was designed by Edward Cresy Jr and is now one of the oldest surviving examples of a purpose-built fire station in London.



Constructed after the formation of London's Metropolitan Fire brigade (MFB), the four-storey building comprised a ground floor with two appliance bays and stables for the horses that pulled the fire engines plus other working areas, while the three upper floors served as living quarters for the fire brigade officers and their families.

By the 1920s the London Fire Brigade had been modernised, and so the old fire

station building was no longer considered fit for purpose. In 1934 it was acquired by Kennedy's butchers and used as their head office and as a factory for their sausage making operation until 2007. Then, in 2008, the building was sold at auction and remained empty and in a poor state until it was donated to the SLG by an anonymous benefactor in 2014.

Seeing its potential as an amazing exhibition and education space, the SLG raised almost £4million, enabling a £1.5m construction budget to restore the by now semi-derelict Fire Station, with major support coming from the Heritage Lottery Fund, Arts Council England and the Mayor's London Regeneration Fund.

A SIGNIFICANT TRANSFORMATION

Following extensive planning and community consultation, London based 6a architects were appointed by the gallery director Margot Heller to mastermind the restoration of the Grade II* listed building.

Though structurally sound, the building was in poor condition with water ingress and dry rot and was listed on the English Heritage 'At Risk' register.

The aim of the new design was to keep true to the layout, character and scale of the original building, whilst introducing more inviting and light-filled spaces across all four floors.

Whilst the building is essentially civic in nature, it retains a strong sense of being a big house with smaller flexible 'domestic' spaces particularly on the upper floors, which still have many of the original historic features, including the bare brick walls, stripped timber floors, original fireplaces and an exposed roof structure, where the upper level ceiling has been removed to create a lofty light filled attic studio space.

The main change to the interior arrangement was to create a dramatic new light filled atrium on the west side of the building. The old metal fire escape was brought inside in a new white painted, metal staircase with sound deadening concrete treads, which unites all four storeys and leads to smaller rooms on the upper floors,

MAKING A GRAND ENTRANCE

A central feature of this sensitive restoration is the north-facing gault brick façade on Peckham Road, with its distinctive gabled frontage, which had been repaired to its original condition.

The architects reinstated the original main entrance with new double-doors on the repaired cobbled forecourt, through which the horse-drawn fire engines would have once passed to get to the courtyard and stables beyond. To the left of the old carriageway, two sets of arched double doors lead to what would once have been appliance bays, but now open out onto the forecourt bringing more natural light into the main ground floor exhibition space. The gault brick is spot repaired but left blackened, with its 100-year old patina intact.

To create the imposing double-height light-filled entrances, the floorplate had to be completely removed, and then the massive double-doors, resembling the style of the originals, were commissioned from Gowercroft Joinery, who had previously worked with 6a architects on a number of challenging bespoke projects.

Aside from the handling and fitting of the 10ft x 8ft solid timber double-doors weighing approximately 250kgs each, the challenge was to ensure that the oversized doors



would be entirely sympathetic and to scale with ultra-slender sections, whilst being fully functional and weight supporting.

Careful detailing included traditional timber jointing and V-grooves at the base in a chevron format, often seen on vintage coach house doors, plus specially reinforced semi-circular tops lights replicating the character of the originals.

With energy efficiency and durability being an important part of the design, the doors sets were manufactured from sustainable Accoya®, incorporating energy efficient glazing. The exterior was finished in black with a 10-year zero-maintenance spray finish which contrasted with the clean white of the interior.

Stephanie Macdonald, director of 6a architects, said: "The reinstatement of the original entrance and appliance room doors was integral to the restoration of the façade, creating the new internal entrance hall three storeys high. This has allowed people to step into a space full of natural sunlight,

whilst the new appliance room doors provide the first gallery spaces directly seen from the street that the SLG has ever had."

AN EXCITING PUBLIC SPACE

Since its opening to the public in September 2018, the new South London Gallery Fire Station has been widely praised.

According to the 2019 RIBA London Awards jury: "The building achieves a true sense of elegance and effortlessness in its character, achieved by a successful collaboration between the client and architect and a meticulous design approach."

With its new exhibition and education space, the SLG continues to build on its world class reputation, through an ambitious programme of events, profiling new works by British and internationally acclaimed as well as lesser known artists.

As a free-to-enter totally inclusive and accessible public facility, the South London Gallery Fire Station is not only an architectural icon but an important London cultural asset.

Margot Heller, Director of South London Gallery said: "Gowercroft Joinery's recreation of the original Victorian fire station doors have helped to bring this distinctive and historic building back to life. Our expansion into this Fire Station has been truly transformative for the South London Gallery, enabling us to undertake a major step change in the scope and impact of our artistic and education programmes, championing the importance of art, culture in a new public space that is free to all at a time of rapid change in the local area."



For more information about Gowercroft Joinery, telephone: 01773 300 510. Fax: 01773 300 511 Email: info@gowercroft.com Web: www.gowercroft.co.uk



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*Vitra Suit U basin
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201mm P: 110mm
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Chrome. Vitra Frame
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washbasin in Black
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VITRA'S BATHROOMS SAVE WATER

With the average person using 143 litres per day and 63% of that used in the bathroom¹, there is an increased pressure to become more sustainable and environmentally conscious in the home. Vitra's water saving bathroom sanitaryware, taps, mixers and flushing solutions make it easier to save resources without compromising on style. Committed to reducing the use of non-renewable resources in manufacturing, all Vitra products are made in line with the Blue Life philosophy, set to the highest sustainable standards.

TAP AERATORS: VITRA SUIT U BASIN MIXER

Washing hands and faces and cleaning teeth - the bathroom sink is where a lot of water is used by a household. Vitra's innovative water saving designs mean bathroom owners don't have to compromise on style when becoming more water conscious. A medium water pressure mixer, the Suit U design comes with an integrated water aerator: a small attachment that sits on the end of the tap. Adding streams of air into the water flow, less water is used in the same amount of time, a simple way to take control over water usage.



*Vitra Sento
wall-hung WC
pan RRP £250
with Twin 2
flush plate in
Gold RRP £86.*

All encompassed in a stylish, modern mixer, it's easy to create a bespoke bathroom that's environmentally conscious.

REDUCING FLUSH VOLUMES: VITRA SENTO WALL-HUNG WC PAN WITH TWIN 2 DUAL FLUSH PLATE IN GOLD

Flushed an average of 7.7 times a day per person, the WC is the main culprit for water wastage in the household. Some of Vitra's wall hung frames are manufactured with dual flushing options, meaning a single flush can use as little as between 2.5 and 4 litres of water, minimising wastage. The Sento wall hung WC is a contemporary, modern model which would effortlessly add style to any bathroom, while having a positive impact on a home's environmental footprint.

REDUCING WATER USAGE WHILST LOWERING BILLS: VITRA AQUAHEAT THERMOSTATIC SHOWER COLUMN

With the rise of multi-generational living, thermostatic showers are a safe, cost-efficient solution for families, as they are designed to ensure a sustained temperature throughout a shower. Thermostatic showers carefully mix hot and cold water and recognise changes to the water pressure in the house meaning both water and energy consumption is reduced. The Vitra Aquaheat shower set is the perfect choice for those who want a luxury shower experience and control over their water usage and bills, and it has received WRAS approval after



Vitra Aquaheat thermostatic shower columns start at £390.

vigorous testing. Vitra's Aquaheat shower set comes with a thermostatic shower mixer, shower head and hand shower.

GUILT FREE BATHING: VITRA BALANCE BATH

With a growing focus on well-being and having a space to relax, a soak in the bath is known to be stress reliever, but a huge water consumer. However, smartly designed



Vitra Balance bath, 170x70cm (smallest size) £270.

by Vitra, the Balance bathtub is shallower than a standard bath using less water to fill. By altering the sloped end of the bath to 45 degrees, the user can still run a deep bubble bath whilst saving a significant amount of water. Available in three sizes.

www.Vitra.co.uk
waterwise.org.uk/save-water/

Water saving Bathroom featuring: Vitra Aquaheat thermostatic shower column RRP £390, Vitra Suit U tall basin mixer for bowls in Chrome RRP £193, Vitra Frame wall-hung WC, Rim-ex £408.





CATALANO

GREEN LUX BASINS

Catalano Green Lux basins showcase stunning design for luxurious bathrooms. The collection comprises countertop and semi-inset basins ranging from the generous 80 x 40cm size to the compact 40 x 40cm size. Basins are defined by their ultra-thin edges and softly shaped interiors, giving the Green Lux collection an elegant presence in any bathroom.

Green Lux basins are available in Gloss White, Gloss Black, Satin White, Satin Blue, Satin Green, Satin Brown, Satin Grey and the newly launched Satin Black finish.

In addition, the Gold and Silver Collection of Green Lux basins feature metallic finishes. Inspired by traditional techniques used for producing high quality jewellery, the Gold and Silver Collection finishes are created from pure silver and 18K gold. As a result, basins have a beautiful shine with an outstanding resistance to abrasion.

Gold and Silver finishes are combined with a ceramic finish of either Gloss White or Gloss Black.

All Catalano basins have Cataglaze applied on the interior of the basin as standard. Unlike traditional glazes, it is blended with the ceramic at 1250 degrees, making it an integral part of the product.

Cataglaze ensures smooth surfaces so that ceramics are anti-bacterial, easy to clean and stay brighter for longer. Cataglaze has a lifetime guarantee, ensuring Catalano ceramics retain their beauty for many years.

To complement Green Lux basins, new furniture has been launched for 2019. The Carolina smoked glass countertop units feature 2 drawers, bevelled edges and LED lights in the countertop for a striking look. For a more minimalist look, the Catalano Ceramic Top is a hygienic ceramic countertop designed for the Green Lux 60

and 40cm basins which is simply mounted to the wall. For added practicality, a towel rail can be added to the countertop in a Gold or Chrome finish to harmonise with the chosen colour scheme.

www.catalano.co.uk



The difference is clear.

In 1992 Demista revolutionized the bathroom mirror market by introducing a heated mirror pad which adhered to the back of the mirror to prevent condensation from forming on the glass.

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Demista has been proven and accepted nationally and internationally and through its unique reputation and unblemished track record has been the number one choice for specifiers of mirror defoggers for over 26 years.

Demista has been fitted in hotel developments globally and has become the industry standard.

With over 400 sizes now available, Demista can cover virtually any mirror in 230V, 120V, 24V, 12V, Demista can also make bespoke sizes if required.

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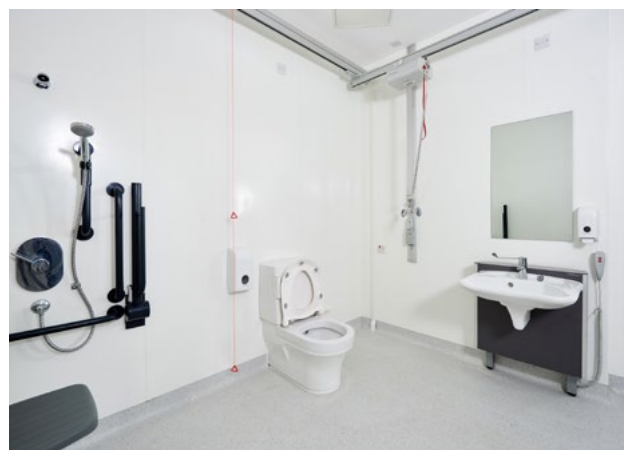
Berbel's matt black Ergoline 2 headroom kitchen hood has won the internationally recognised 2020 Red Dot Product Design Award for its combination of slick design and unique fat-filter-free technology.

The German firm's ingenious patented centrifugal force technology avoids use of traditional, inefficient fat filters that rapidly clog up. Instead, all 19 ranges of Berbel hoods suck in air before spinning off up to 97% of all fat, residues and vapours into a removable, easy-to-clean steel tray.

The air is then recirculated after being drawn through renewable carbon filters to remove almost all cooking smells.

The Ergoline 2 includes touch sensor operation, air recirculation and air extraction modes, controllable LED lighting, and a whisper quiet motor. Widths are from 60-120cm (matt black version 90cm only).

Information from Casalife/Berbel:
01727 309 609 or 0784 396 8991;
email: info@casalife.net;
web: casalife.net/for-kitchen-studios/



CEILING LIMIT OVERCOME

An innovative solution to help overcome structural limitations in provision of lifting aids for disabled people is being promoted by Closomat.

A growing issue for specifiers in the public sector is the need for carers to lift and help the one they care for transfer, particularly with Health & Safety guidelines and an increasingly obese population: thus the need for a ceiling track hoist. The need arises in domestic, residential care and away from home/ public environments- particularly, with the last, with the provision of an assisted accessible toilet aka a Changing Places or Space to Change toilet.

But often, structural considerations obviate the ability to attach the hoist track to the ceiling, or fix to walls. Closomat has the ability to supply and install a full room or room-room hoist system that can be supported on discreet yet robust stanchions. Thus ceiling and wall obstructions and/or load limitations can be overcome.

Closomat's range of track hoist solutions can accommodate a 200kg/31st lift, and can descend as low as required- even allowing pick-up from the floor.

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'TWO-TONE' CUSTOM KITCHEN BY BRANDT DESIGN

Leading British retailer, Brandt Design, unveil one of its most recent kitchen projects in Hertford, which occupies a new purpose-built extension in a large converted granary. Deliberately in a position of advantage, this custom in-frame kitchen is designed in the spirit of family without compromise to the finer details and/or spatial boundaries like the vaulted ceiling and two useable interior walls.

Contemporary by colour, this two-tone painted kitchen features an I-shape arrangement of base units in dark Slate Grey which offer a modern interpretation of a typical Shaker-style kitchen décor. To define the cooking area, Brandt Design, chose to specify a cast iron cooker in stark white that traditionally is deemed classic, but in this case, creates a modern accent colour to the dark grey base units.

Interestingly, marble countertops are predicted as the 'go-to' for 2020 kitchen design and as pictured, the featured marble-effect quartzite work surfaces with matching upstands finish the run of I-shaped units, central island and custom-fit splashback behind the cooker. To complete the cook-zone, Brandt fashioned a personalised overmantel that is inscribed with the homeowner's house name 'The Granary', which is offset by its Pure Grey



finish also shown on the full-width wall cabinets, bi-fold door larder storage and deck-mounted display unit.

Taking centre-stage is a square kitchen island in dark grey painted finish, which is elegantly designed with a sweeping curved countertop to accommodate four diners without consuming valuable floorspace.

Designed to work as a central hub for entertaining, this large island unit features an integrated wine cooler for bar-style comfort, alongside a mix of low-level cupboards and drawers to keep both the kitchen surfaces and island unit free from clutter: it also sits directly opposite the wall-mounted flat screen TV for uninterrupted viewing.

The I-shaped furniture arrangement was a great way to provide ample worktop space for this busy family home, as well as bounce essential light around the room thanks to the high-shine marble worktops which naturally reflect the overhead skylights and flush-fitting spot lights. This practical kitchen layout also makes way for direct access to the garden area via a set of 3-pane patio doors, which naturally mimic the rectilinear in-frame door fronts and clear-cut furniture.

Clean lines and ease of use were key directives for this project by Brandt Design, and even though the kitchen is sited in a newly-built extension, the homeowner wanted the kitchen furniture and appliances to be sensitive to the building's original history and character. For example, the granary's high ceilings gave Brandt a great opportunity to maximise storage and embrace the architectural features, rather than ignore them.

Scott Davis, Director, Brandt Design, says "Kitchen extensions are a great way of adding value to your home, ensuring your property grows with you and your family and avoiding the need to upsize to a bigger home. This kitchen project is a great example of how a blank canvas can very quickly, become central to a home and be able to cater to multiple functions and users. Now becoming somewhat of a trademark for Brandt, the wood-carved name stamp completed the look of this kitchen and helped draw the eye to all of the other unique design details included in this scheme."

- Kitchens designed by Brandt Design start from £25,000+vat
- The featured In-Frame Painted Kitchen retails for £55,000+vat

This classic kitchen scheme includes:

- Brandt Heritage kitchen furniture, Pure Grey and Slate Grey painted finish
- Chrome Round Knob Handles and Bar Handles
- 30mm Bianco Eclipsia Worktops
- Appliances:
 - Miele Combi Microwave M2234SCOBBL in bi-fold larder storage
 - Miele Fully-integrated Dishwasher, G6060SCVi
 - Caple Wi6160 Integrated Wine cooler
 - Liebherr ECBN5066 Food Centre and SUIGN1554 built under freezer
 - AGA cast iron range cooker, white
- Quooker Pro 3 Flex

For further information on Brandt Design, please contact: Brandt Design
 Hatch End 0203 758 4455
 Hampstead 0208 194 7888
brandtkitchens.co.uk
info@brandtkitchens.co.uk





CONVERSION OF STABLE INTO HOUSE



This project consisted of the renovation and extension of a former stable located in Güemes —a small town, east of Santander, in Spain— to be converted into a seasonal home. The existing building faithfully reproduces the local, simple and unpretentious building system, consisting of stone walls supporting a wooden-structure gable roof with tiles.

The nature of this architectural intervention is based on the absolute respect towards what already exists; respect not only towards the traditional materials used but also towards the type of space created inside the house. That is why the main spaces of the house are developed as a single unit in the large central space comprising the former stable. The sequence of uses composed of kitchen/dining room/fireplace/living room/office/bookshelves is developed in a linear pattern, under the same roof, characterized exclusively by the elements specific to each use, while always being within the same neutral and global setting. Only the master bedroom, concealed behind a bookshelf, is separated from the general space. A second bedroom, accessible



by using the exterior stairs in the original passageway at the entrance of the building is located above the main one, to complete the height of the annexed building. To reinforce the idea of an open floor plan, a storage feature is built into the perimeter of the space, freeing up indoor space and highlighting the traditional wooden roof.

The only partial modifications to the existing architecture are those made to the facades. The existing openings have been enlarged on the east-facing and west-facing facades, with the idea of incorporating nature, and the inviting views of the Cantabrian mountains, into the interior. The north-facing and south-facing facades were in poor condition and have been opened completely. Another notable feature of the house is its privacy system consisting of sliding louvers on the south-facing facade, giving users full freedom to communicate with the outdoors.

The extension building has been designed from a more rational perspective, heir of a classically modern style. Its L-shape and its position on the site —almost in contact with the existing building, but not touching it— have facilitated the creation of an open space between the buildings. This is where the pool is located, and where the site's



best views can be admired. The new space consists of accommodation for guests, a meeting room, a sauna and a transition porch area beside the pool.

About materials, the intervention has adopted the existing style. Local woods, stone from the area, white facades and tiles, together they make up the aesthetic of the unit. The concrete and the metal structure afford a contemporary counterpoint to this outstanding example of traditional Cantabrian architecture.

TECHNICAL SHEET

Project: House in Güemes, conversion of a stable into a house
 Architect: Zooco Estudio
 Location: Güemes, Cantabria, España
 Square Meters: 310 m²
 Completed: 2019
 Photographer: Imagen Subliminal

www.zooco.es





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PROPERTY WITH STREETScape VALUE

Glenn of Glenn Cavill Ltd Architectural Design Studio was commissioned by the homeowner in Teddington, Richmond Upon Thames, London. The property is a detached family home of an Arts And Crafts design situated on Twickenham Road in Teddington which is recognised as a property with a streetscape value.

Due to current site levels the rear garden is one level below the front entrance level of the house which made that the rear level and

garden sat on the edge of a flood zone from the River Thames. These existing conditions and topography were major factors in the design and methodology to obtain planning approval.

Measures such as subscribing to the Environment Agency's Flood Warning service and ensure that this service is made available to all occupants of the proposed building. All utility services such as fuse boxes, metres, main cables, gas pipes,

phone lines and sockets will be positioned as high as practical and appropriate material applied throughout the lower ground floor to mitigate damage in the event of flooding.

The existing internal void space at lower ground level was to be integrated into the design alongside the extension to provide a direct connection to the garden therefore creating a practical and aesthetically pleasing family home. At the same time, we proposed to undertake some internal remodelling and slightly extend to form an overall better family home whilst enhancing its Architectural merit.

The design project can be summarised as follows: a lower ground floor extension to create a living/entertaining space in the existing void by dropping the floor slightly and providing an internal connection to the ground floor. At ground floor it was proposed to extend at the rear and remove two internal walls to create a kitchen/living/dining room, inserting internal stairs, providing natural light through roof lanterns and large windows overlooking the garden to link the lower ground floor and mature landscaping with the house.

Aesthetically on the external of the house existing render was removed and external insulation and re-render applied to match existing therefore increasing the energy efficiency of the house.





On the Second floor there was the insertion of two new dormer windows, one for each of the existing two "roof rooms".

The style of the proposals were both sympathetically enhancing the existing property and in keeping with its Arts And Crafts style roots. There were no proposed extensions to the front elevation and it was my intention to keep this road frontage elevation as existing therefore not effecting its streetscape value. Parking arrangements and access were to remain as existing from the front with the proposed rear alterations/ extension making the garden more accessible to all.

The Arts and Crafts style home has distinct characteristics and the proposed design of the extension and alterations were to remain in line with these architectural styles and features.

The extension consisted of an asymmetrical form in terms of window/ door arrangements to the left and right of the central bay. The windows/doors are typically cottage style with multiple panes of glazing set in side-hung casements matching existing.

Windows are typically set back deep within their reveals, often by 100mm, creating depth and shadow to elevations. On a rendered building, windows are often set within simple rendered openings, with soft rather than sharp reveals. Often no lintel is visible, as the structure is covered in render.



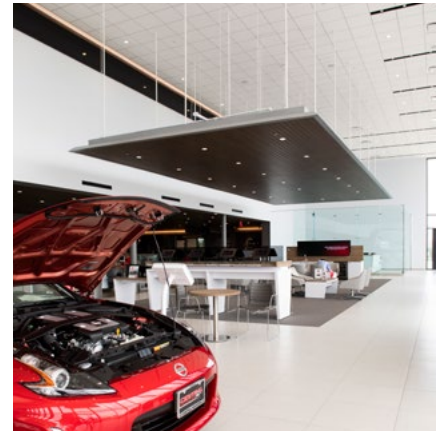
To throw water away from the window there would be a rendered hood mould formed.

The proposed new dormers are to match the existing front elevation in proportion with a traditional Arts And Crafts catslide style.

Materials are to reflect the local vernacular traditions of the immediate area and existing finishes of the house in order to enhance the properties overall streetscape value in a whole house sense.



www.glenn cavill.com



TOUCH

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www.atouchofbrass.co.uk

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THE PERFECT TOUCH

**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.

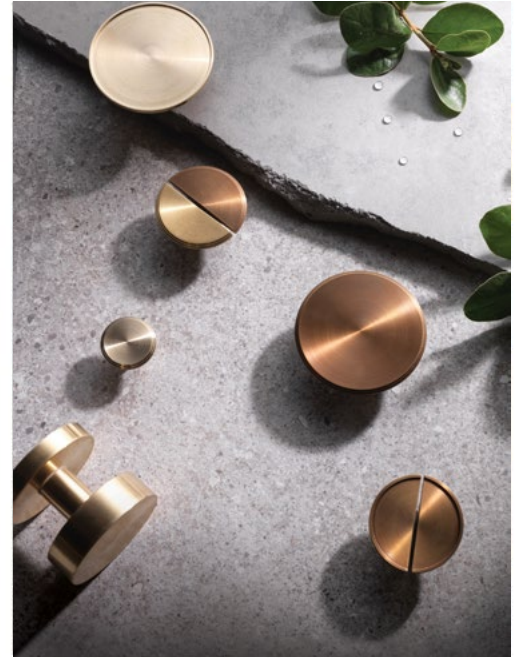
The range of products supplied by Touch date from circa 1640 French (Louise XIV) and cover all subsequent periods (Georgian, Edwardian & Victorian), art deco and contemporary pieces also make up the product ranges. In addition, Touch showcases the very best of British manufacturing; the best ranges are 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.atouchofbrass.co.uk**



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

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Olaria, available from Touch Ironmongery

www.atouchofbrass.co.uk & www.olariabarcelona.com



Tommy Walsh talks Crocodile Garage doors.



What's not to love about a Crocodile Garage Door? Designed to add style, security and even value to your home. Call Crocodile and find out how quick and simple they are to install. You'll love the neat, space-saving design and that it's a doddle to use.

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TRADITIONAL TIMBER WINDOW AND DOOR SPECIALISTS

The Sash Window Workshop specialise in the replacement and repair of timber windows and doors in period properties. Since they were founded in 1994, the company have worked with various homeowners, architects, contractors, designers and developers.

The Sash Window Workshop manufacture all their new windows and doors at their workshops in Berkshire. Their new joinery is manufactured to improve energy efficiency, while replicating as closely as possible the proportions and designs of historic windows and doors. The materials used allow the company to produce products to the highest specifications, combining minimum maintenance with maximum lifespan.

The company were approached by a homeowner in South West London who was looking to replace several timber windows and doors. Upon receiving the quotation, the

customer arranged a tour of the workshops to see the craftsmanship that goes into the new joinery.

As all the windows and doors that The Sash Window Workshop manufacture are bespoke, they were able to ensure that the replacement windows and doors matched the original designs, meaning that they complied with conservation area regulations and retained the aesthetic look and feel of the property.

Upon completion of the work, the customer commented that the "quality of the work is fabulous and worth every penny". They have since placed another order to replace more windows at their property.

To obtain a quotation for your project, contact The Sash Window Workshop on: 01344 868 668 or info@sashwindow.com. You can also visit their website: www.sashwindow.com.



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COTSWOLD WINDOWS HELPS TRANSFORM DERELICT BARN

Aluminium windows and doors from Gloucestershire-based fabricator, Cotswold Windows have helped transform a derelict barn into a stylish visitor experience centre, Tower Barn, for the iconic Cotswold landmark, Broadway Tower.

The tower sits atop the Cotswold escarpment with views spanning 16 counties. A vision of renowned landscape

designer, Capability Brown, and completed in 1798, Broadway Tower offers a dramatic outlook across 50-acres of parkland.

Today, the tower and parkland are privately-owned and play host to many events and attractions. A derelict barn provided an opportunity to improve the overall visitor experience.

Surrounded by such heritage, it was crucial that the barn renovation used products and materials that complemented the Cotswold building stone. The windows and doors were integral to this.

"We were looking for something which would allow for natural light to flood in, as well as being practical and in-keeping with the building," says a Tower Barn spokesperson.



The Broadway Tower team chose local fabricator, Cotswold Windows to supply and install an aluminium lift and slide door, alongside a selection of Schuco windows and entrance doors.

"They provide lots of natural light and enable visitors to see in before they enter the building," continues, Tower Barn, speaking of the new windows and doors. "The sliding doors are fantastic and make it easier for customers and the team to access the rear terraced area without doors opening in and out."

The aluminium profile used to fabricate the windows and doors was powder coated using a carefully selected RAL colour to complement the Cotswold stone and oak beams.

The installation required Cotswold Windows to draw on its experience in handling and installing large glazed items in areas with restricted access. The bigger units had to be craned into position while a mini crane was used in the courtyard. In such an exposed location, thermal performance and weather tightness were key factors in the specification of the glass. Cotswold Windows used 8.8mm laminate and 8mm toughened, low emissivity (Low-E) glass for the large format lift and slide doors, which offers superior thermal insulation.

"Cotswold Windows have been fantastic throughout, providing the different options required to realise the look for Tower Barn, and completing the work in a clean and timely manner. They have also been very



helpful with some questions we have had since the install.

"The overall look of Tower Barn is beautiful, and we get so many people asking where our windows etc. came from. It is lovely to have used local companies who we can name when asked!"

Tower Barn consists of a retail area selling clothes, footwear and home accessories, and an espresso / prosecco bar. The barn also hosts a visitor centre with a programme of workshops and e-bikes available for hire.

W: www.cotswoldwindows.co.uk





PROFILE 22 OPTIMA CHAMFERED WINDOWS HELP TRANSFORM 1960S BUILDING INTO STYLISH MODERN HOUSING

Over 1,000 Profile 22 Optima Chamfered Windows have been used in a conversion project in Cheadle Hulme, Cheshire.

Sim Chem House in Cheadle Hulme was a six storey office block built in the 1960s. The building had been empty for many years and fallen into disrepair. It was purchased by developers Inspired Homes to be redeveloped into 184 studio, one and two bed ultra-high quality apartments aimed at young homeowners.

With the focus on quality throughout, the choice of window was critical. The specification was for 1,050 PVC-U foil wrapped windows in a specific RAL colour on the exterior and white on the interior. The windows would need acoustic treatments to address noise from a busy town centre location and incorporate louvres for mechanical extraction.

Profile 22 Approved Window Contractor Kingfisher Windows won the contract for the work because it was able to meet the exacting specification at the most competitive price.

Profile 22 Optima Chamfered Windows provide inspired solution

Kingfisher Windows tendered for the work with Profile 22 Optima Chamfered Windows. The Optima system is often specified on commercial contracts because of its intelligent design, impressive performance and attractive good looks.

In the case of Sim Chem House, Kingfisher manufactured the 1,050 casement windows with Anthracite 7016 textured foil for the external elevations and white on internal elevations.

The Optima system delivers a 1.2 W/ m2K U-value as standard, with U-values as low as 0.8 W/m2K possible, and achieves BS7412 weather performance. In the case of Sim Chem House, Kingfisher glazed the windows with a soft coat low emissivity glass, a warm edge spacer and argon gas to optimise thermal efficiency. Louvres were also glazed within the window system for mechanical extraction.

Optima windows achieve PAS24 2016 Enhanced Security and have Secured by Design options too, giving the properties at Sim Chem House impressive levels of security.

A well-planned and well-executed installation

Working cooperatively with all the other trades on site, Kingfisher Windows completed a smooth and trouble-free installation of the windows.

Conclusion

Sim Chem House, now renamed Fabrick, was completed in March 2019 and has created much-needed high quality affordable housing for young professionals in the area. David Holmes of the project's main contractor headoffice3 said: "The building looks fantastic – we are delighted with the results."

For more information on the Profile 22 range, please visit www.profile22.co.uk or call 01952 290910

COMAR LAUNCH THE ECO LT WINDOW & DOOR SYSTEMS

Comar profiles have thicker walls providing extra strength and durability for the British market, ensuring that Comar performs. Designed specifically for the British Market and offering a truly British engineered solution.

Comar ECO LT is a newly launched aluminium window and door system designed for the trade and installer market, where a competitive price yet the highest installed performance is required. Sightlines have been minimised whilst not sacrificing product performance. Large sizes come as standard from the same range of profiles.

With low U-values, energy ratings of A++ and Document Q compliance with Secured by Design status this is a feature rich system which guarantees a quality installation. BS6375 Weather performance is unquestioned with the high ratings.

Comar ECO LT is a lightweight version of the ECO range, but the aluminium profiles wall thickness has not been sacrificed, ensuring guaranteed long-term performance. Due to Comar's robust British design the size and weight limitations surpass the competition on a size by size basis.

5P.i ECO LT - Aluminium Window System

Comar 5P.i ECO LT Aluminium Casement Window System has both internally and externally glazed options. With the resurgence of slim aluminium high security externally



beaded with sloped beads minimises the sight lines and maximises daylight. The square chamfered profiles are a distinctive feature of this system, keeping the square look of a truly aluminium solution.

For Ovolo feature the ECO range seamlessly suites in: No matter the situation Comar 5P.i ECO LT delivers.

7P.i ECO LT - Aluminium Door System

Comar 7P.i ECO LT Aluminium Door System has both inward and outward opening options in single or double door combinations. There are two thresholds available high weather performance and low-rise for seamless balcony terrace integration. Comar 7P.i ECO LT door has been designed to provide high performance solutions for today's specification demands. Utilising Comar's



trademark P.i. (Polyamide Insulation) thermal break technology, it delivers superior thermal performance with an aesthetic edge.

Aesthetics come from its slim 55mm profiles, seamlessly integrating with the Comar 5P.i ECO LT casement window system. Comar 7P.i ECO LT has been tested to BS 6375 which ensures the door performs well against the rigours of the British weather, reducing draughts and providing excellent weather proofing.

Security concerns are alleviated with the Comar 7P.i ECO LT door exceeding the requirements of PAS 24:2016.

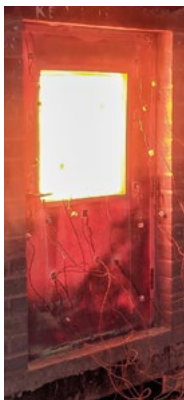
For further information about Comar Architectural Aluminium Systems, please visit www.comar-alu.co.uk, call 020 8685 9685 or email projects@parksidegroup.co.uk



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Image courtesy Lightfoot Windows (Kent) – www.lightfootwindows.co.uk

BRING THE OUTSIDE IN

Q: How can I use the outside space to achieve a seamless light-filled home?

A: Crittall's Innervision internal sliding doors and screens and Corporate W20 windows and doors for external application provide the perfect solution.

An outside area can be dramatically fused with the inside by opening-up living space to create a seamless transition between inside and out. Adding bright, beautifully crafted walls of glazing and slim-profiled windows can reflect the timeless style of a period house, adeptly define spaces in a townhouse, minimalist urban loft, warehouse apartment or a self-build project.

If you're planning an extension, combine some outdoor space with an internal area under structural glazing, removing barriers so you have a level threshold or create a courtyard with stunning full-length glazing - great ways to achieve impact and add value to your property. Using natural light to define a space is a key element within a home's design. Glazing expanses within external walls give a greater sense of space and light to achieve a beneficial connection with the garden beyond. A clear outdoor view of a landscape, patio, borders, shrubs or trees can be good for our well-being.

www.crittall-windows.co.uk
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RINNAI ANNOUNCES LAUNCH OF THE TRUST PARTNERSHIP WITH INSTALLER NETWORK

Rinnai, a global leader in heating and hot water units & systems for both commercial and residential sites, has announced the launch of the Trust Partnership with the formation of an installer network specifically for its domestic product range, the Zen & Zen Plus.

The installer domestic partnership network will be offered to all bona fide, Gas Safe registered, installers of residential heating and hot water units and systems. The launch is complementary to the recent introduction of the Rinnai Zen and Zen Plus domestic heating hot water system.

"This is our response to the advent of online direct sales platforms and companies where

the installer is working to a rigid formula and facing downward price pressures on their rates. All sites and installations are unique in their own way and we want to create a domestic installer network - a Trust Partnership - where quality and price are the criteria. Not just price being the first, last and everything about a job.

"In the Zen and Zen Plus we have a quality concept backed by high performance products and we want to work with those installers who aim to work at the mid to top end of the market, rather than scramble around the price-driven lower ends of the industry," says Rinnai Managing Director, Tony Gittings.

The Rinnai Trust Partnership will include comprehensive training and real-time instant-response technical support.

"We will also be initiating a complete programme of benefits - including liveried work clothing, suitable for all the seasons, plus individualised marketing and business support," adds Tony Gittings.

Rinnai, global leaders in continuous flow hot water heating products and systems, recently introduced the Zen and Zen Plus home hot water & heating system which marries established and proven manufacture durability with new technologies to offer great energy efficiencies, user control and, importantly, unparalleled level of comfort.

Rinnai

The Rinnai Zen and Zen Plus system will increase comfort and reduce energy usage whilst also providing a highly economic solution for today's changing marketplace.

"Our core expertise is the mass production of long-term reliable combustion products with advanced technologies – we are a global leader and make over 2 million water heating units every year for domestic, residential and commercial applications. We have been researching and monitoring the UK domestic heating market for several years and would only launch when we had a proven system. That time is now, and we are offering hot water heating units together with a superior performance combi boiler in 24, 29 and 35-kW outputs, says Chris Goggin, head of Rinnai UK operations.

"We are not launching into the mass UK boiler market – that is, in our view, a saturated and oversubscribed market which is in the throes of a major upheaval in its structure due to the advent of online direct sales platforms. We are offering something very different. And we are aiming to serve a market sector previously overlooked and

almost ignored - the provision of luxury levels of hot water at affordable sums to the middle and top end of the marketplace.

"Another major difference with the Rinnai Zen & Zen Plus is that the route to market is with installers. We are committed to working with installers as our route to market. The installer is still the major player and, in our view, always will be."

Some of the features of Zen & Zen Plus are: IOT controller as standard; Fast heating mode; DHW pre-heat function - saving wasted water; Energy monitor function allows user to monitor energy usage; flue runs up to 30 meters, Rinnai boiler App for android and IOS; constant temperature-accurate hot water delivery at continuous flow rates.

There is also smart Wi-Fi controller and App benefits; The Rinnai app seamlessly connects to the controller in the property; the user can control the boiler remotely adjusting temperature, setting weekly and daily programmes, receiving alarm functions, monitor energy usage and set limits. The Wi-Fi and boiler controller also uses GPS from the user's mobile to bring on the heat when you are getting close to home to ensure the house is warm when you arrive.

Rinnai Zen & Zen Plus is available for use with both natural gas and LPG.

Rinnai UK will be launching this innovation plus several other cutting-edge appliances during 2019.

The Rinnai Corporation was founded in Nagoya, Japan in 1819 and today operates in 17 nations and regions around the world with sales of kitchen appliances, air conditioners, hot water heating & home heating units in over 80 countries.

Says Rinnai UK Managing Director Tony Gittings, "The company has evolved and developed into a group that produces a diversity of products and services that directly benefit ordinary people in their daily lives.

"Our policy is to help enrich the lives of people in local communities by providing optimal solutions that fit the lifestyle culture, climate conditions, and the energy situation of each country around the world. The three-year period is aiming at connecting the first century to the next one. The theme will be named, 'Connected in passion for the next 100 years.'"

This follows the other significant corporate developments on the global presence of Rinnai - the issuing of a new logo and a new brand statement – 'A Healthier Way of Living'.

For more information visit rinnaiuk.com

Rinnai



TRUST

PARTNERSHIP

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www.stovax.com/defraapproved



CALLOWAY RIDGE HOUSE

The transformation of a 1950's suburban ranch house began by searching for a property without stylistically based covenants or restrictions common to many of the residential neighborhoods located within the clients targeted area. After completing an exhaustive search for properties without these limitations an intriguing property with an existing ranch house on an 8-acre ridge-top overlooking the Smoky Mountains became available.

Early design studies focused on preserving the shell of the existing building and new spaces were added above and outside

of the existing footprint. The additional spaces include a double height public zone overlooking a new pool and courtyard framed by single story pavilions - one for the new master suite with the other housing pool house and garage functions.

The existing ranch house volume and two single-story pavilions are clad in cementitious stucco with deep-set windows connected by tongue and groove ipe. The upper level addition is clad in a reverse board and batten siding adding texture and pattern which contrasts with the smooth stucco volumes.

ADDITIONAL CONTEXT:

From the beginning it was clear that the project would become a crash course for the owners and the architect in the challenges of building a modern home in suburbia – context that consists primarily of builder tract sites, speculative semi-custom homes, and a network of gated communities with super-sized custom houses sited on divided estate-sized lots. Over the course of two years, the architect worked closely with the owner to review neighborhood covenants and restrictions while also meeting with HOA design review boards and committees.





The focus of this effort was to serve as an advocate for the client's resources and help them to prevent an investment in a site that wouldn't allow them to build the simple and appropriately modern home for them and their young family. After an initial concept design effort proved that neighborhood selected by the clients would not be a good fit for the project, the architect then recommended looking at older ranch homes that could be adapted

and transformed into the type of home they desired. The owner and architect's patience and commitment throughout this 4-year process led to a project that is a refreshing departure from projects typically found within this context.

www.sanderspace.com



INTRODUCING ARIA: THE NEW ICONIC SURFACE FORMICA GROUP RELEASES A BOLD NEW RANGE FOR SOPHISTICATED KITCHENS

Aria™ is the latest innovative surface from iconic manufacturer Formica Group. Developed to be the ideal alternative to natural and engineered stone, it is aesthetically faithful to its real life counterparts.

It combines the beauty of natural materials with a highly engineered development process; an elegant, hard-wearing solid core enabling aspirational homeowners to create the kitchen they've always dreamed of, providing a generous lifespan of luxury.

There are three colour ranges to transform any kitchen space – natural whites, cool greys and modern blacks – while classic designs incorporate marble veining, granite textures and engineered stone patterns. Versatile and striking, Aria presents a premium look for kitchens that both delights and fascinates.

Aria is available in a choice of 15 refined styles along with five exquisite finishes that fulfil contemporary consumer trends, including the passion for mixed textures and tones, and the growing desire for bolder design choices. The cutting-edge range encourages the modern kitchen owner to create more beautiful spaces by adding an element of pure luxury.

Aria was conceived and developed as a true alternative to natural and engineered stone. Without compromising on the aesthetic and finish, it offers better durability and ease of maintenance than the traditional materials it is inspired by.

Its solid one-piece construction gives it superior performance, which, along with its non-porous and hygienic properties, make it ideal for high-usage consumer applications. Aria can also be cut on site and installed using standard tools, saving on precious time and costs.

This gorgeous surface is manufactured in ultra-slim 12mm or classic 20mm thicknesses, gracefully complementing any traditional or modern kitchen design. With a solid colour core and waterproof structure, Aria worktops allow for the installation of under-mounted sinks or a focal-point island with a cascading waterfall effect, as well as incorporation of drainage grooves.

Formica Group's enduring philosophy is to create products that are a design statement and high performing yet require little maintenance. Aria has been specially designed to meet the current consumer demand for sleek kitchens with alluring visual appeal that provide world-class durability and outstanding value.

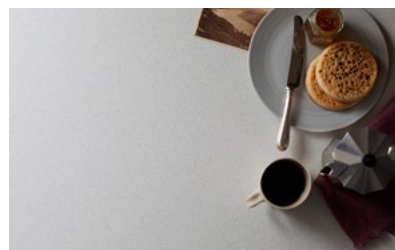
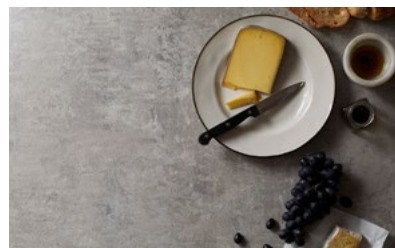
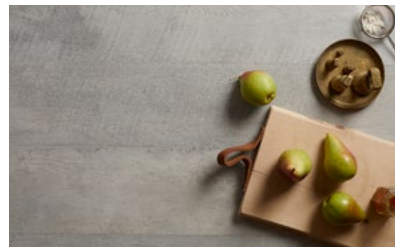
Available at your local IDS or participating showrooms, Aria is the inspiration that the forward-thinking kitchen owner of today needs.

Pricing:

20mm - RRP from £450 for a worktop
3600 x 650 mm x 20mm thick

12mm - RRP from £300 for a worktop
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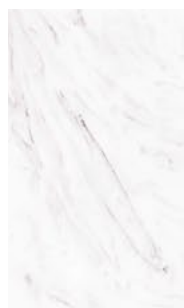
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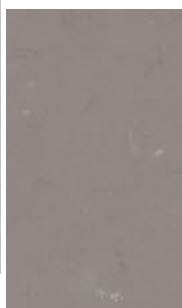
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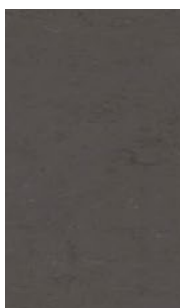
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VANESSA ARBUTHONTT FABRICS

Vanessa Arbuthontt Fabrics has been running for over 19 years. Everything is exclusively designed by Vanessa Arbuthontt herself, the fabrics are woven and printed in the UK from Linen and Organic Cotton, Velvet and Harris Tweed. A made to measure service is also provided for interiors for sofas, chairs, footstools, headboards, blinds, curtains, cushions, lampshades and quilts, all hand made by local crafts people using the fabrics of your choice.

The flagship shop and showroom is styled with roomsets including examples of made-to-measure pieces of furniture and home furnishings. Whether you're at the beginning of a new build, mid renovation or just keen to upcycle and update, the fabrics and our team of consultants will provide inspiration for your home.

Visit the website at www.vanessaarbuthontt.co.uk for more information, or follow the Instagram page on [vanessa_arbuthontt_fabrics](https://www.instagram.com/vanessa_arbuthontt_fabrics).

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VALCHROMAT SERVES UP AWARD WINNING KITCHEN DESIGN



A bespoke furniture manufacturer has created two spectacular kitchens using Valchromat, the innovative and award-winning engineered fibreboard which is available in the UK through James Latham.

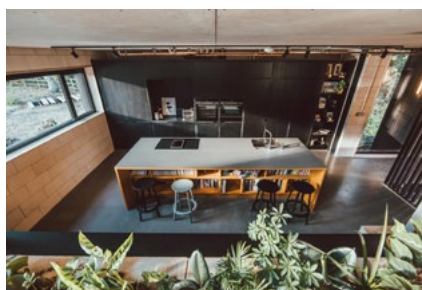
In what is a unique and spectacular project, Sheffield based Kerf Works were commissioned by twin brothers, Nik and Jon Daughtry, to design and install the kitchens in their near identical family homes - which are also next door to each other - and were created from scratch after the pair realised their dream of building their own homes on the dilapidated industrial site of a former corn mill.

The results were so outstanding, they have won a top design award and recently featured on Channel 4's Grand Designs.

In total, 58 sheets of Dark Grey, Black and Yellow Valchromat were used in the two kitchens, all treated with a clear lacquer.

Nik's kitchen features a long run of tall black units as well as housing larder units which were made using Black Valchromat. The kitchen also features worktop sections, a fridge, a freezer, as well as a tall drawered unit and a bookcase. On the opposite wall there is bank of low black units, also produced from Valchromat, some drawered and some doors.

This includes a striking black up stand, housing some surface mounted electrical points.



In the middle of the room there is a large, high-impact, bright yellow island which has also been made using Valchromat, and this has been covered with a ceramic coated stainless-steel worktop. This has the hob, sink, dishwasher and lots of storage, making a fantastic centre piece.

In the middle of the room there is a large, high-impact, bright yellow island which has also been made using Valchromat, and this has been covered with a ceramic coated stainless-steel worktop. This has the hob, sink, dishwasher and lots of storage, making a fantastic centre piece.

In Jon's kitchen, which uses Dark Grey Valchromat, the contemporary handles are designed to be in the carcasses rather than the doors or drawer fronts. The drawers or doors are designed to be inset within the carcasses, showing the edge of the carcass including the handle cut-out, producing a sleek clean space.

Also manufactured from Valchromat, the symmetrical tall units include a fridge, freezer, two drawered larder units and a pair of microwave and convection ovens in the centre.

The long run beautifully faces into the living room, creating a great space to cook, socialize and enjoy. Available in 10 striking and vibrant colours, Valchromat is completely unique, in that the colour runs throughout the entire board, enabling almost limitless decorative applications.

Valchromat also boasts a number of time and cost saving features and benefits; It's easy and quick to finish - no edging is required - and being moisture and UV resistant, non-toxic and load resistant, the applications are endless.

Plus, scratches and marks on the finished product go largely unnoticed because the colour runs evenly throughout the board.

Plus, all the wood used is FSC® certified and is sourced from forest waste, residue from timber mills, pine and recycled pine.

Valchromat is available in the following board sizes; 2500mm x 1850mm/1250mm and in 8mm, 12mm, 16mm, 19mm, 25mm and 30mm thicknesses.

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An Innovative Wallcovering With Wood

SanFoot is a real wood veneer solution for multiple interior design applications applied directly to drywall as a wallcovering, complimented with fabricated architectural wood panelling and profiles.

An engineered sheet material manufactured from 5 layers. This unique construction includes a pre-finished Polyurethane lacquer coating, an ultra thin slice of real wood veneer and an Aluminium foil core.

There are many unique qualities to SanFoot, most importantly that the product achieves a fire rating classification of Euroclass B - s1,d0 (UK Class 0).

Pre-finished as standard, there is no need for additional finishing either on or off site, as the product is ready for use right out the box. Supplied in rolled sheets SanFoot can be wrapped around both internal and external corners as tight as 90 degrees, making this the ideal wallcovering solution.

When considering performance SanFoot is both impact and moisture resistant as the Aluminium foil layer acts as a zero adhesive bleed through barrier, along with providing unrivalled durability and structural integrity.

A key environmental benefit of SanFoot is the 300% greater yield than conventional veneers, due to our unique veneer slicing process. As such the product is typically 0.3mm in thickness.

By comparison conventional veneers are typically sold in raw plank lengths, to be stitched together to produce sheets of veneer, which then require finishing and application to a core material before they are fit for use.

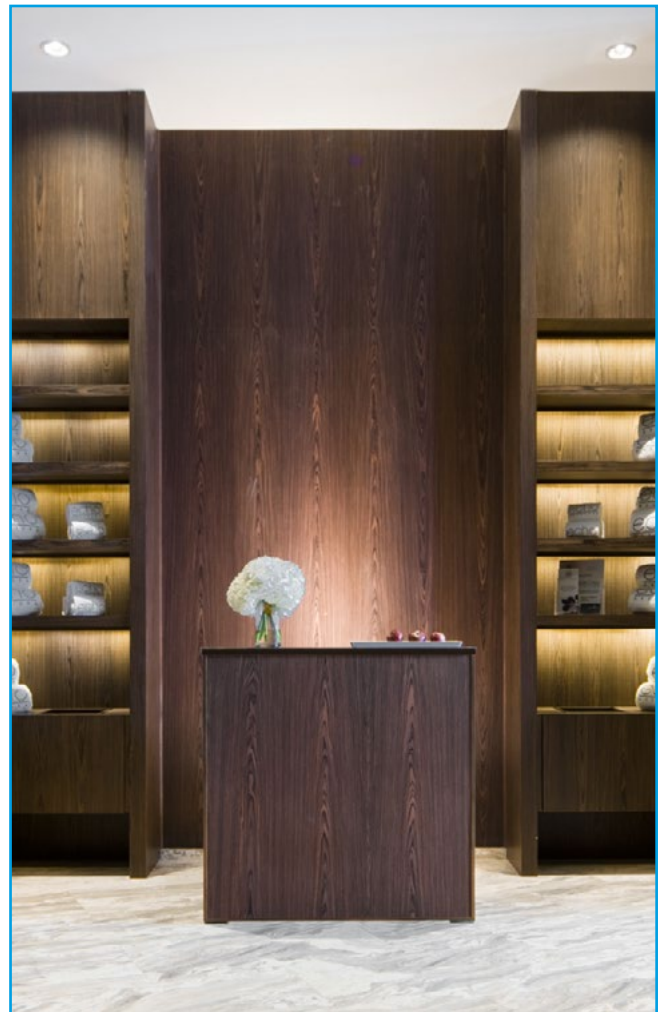
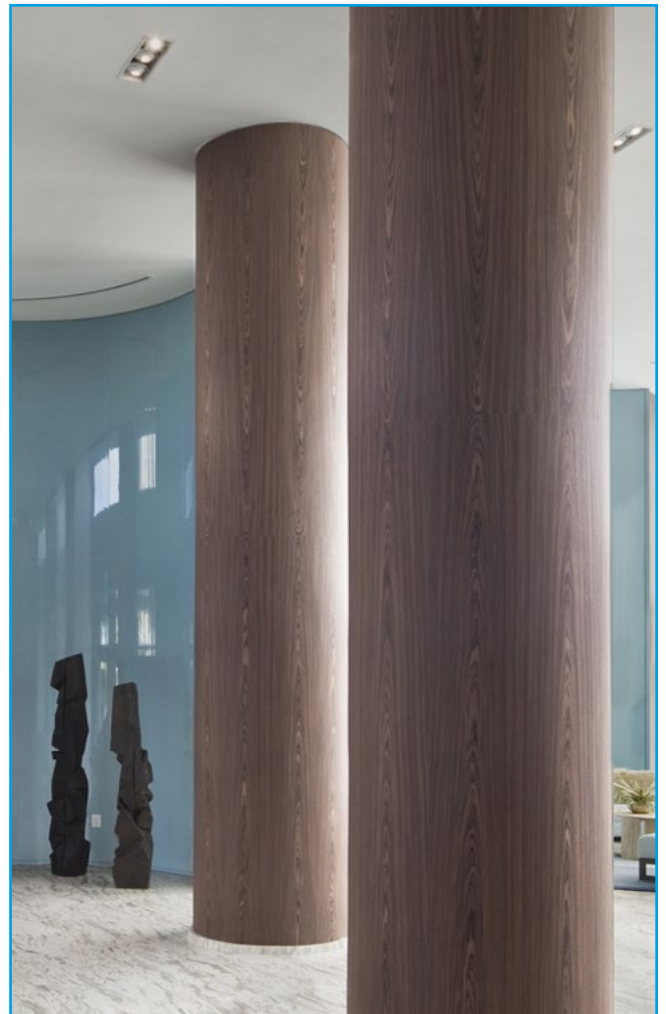
Each SanFoot sheet can be sequence matched and veneer sheet matching in a variety of ways to include book, slip and random plank matched, with various sheen levels also available.

From an economical perspective SanFoot as a direct application wallcovering solution is typically 1/3 the cost of conventional veneer panelling on a wall lining system.

Choose from over 100 natural, exotic and reconstituted species available to order as FSC. Whether you're looking to custom stain a particular species, we have over 5,000 custom stain tones and if we don't have the right tone then we'll match from an approved control sample.

Incorporate Branding, Wayfinding or Graphic designs as we can digitally print within the 5 layer construction or this can be done retrospectively by others. Or even consider custom inlaying various shapes with contrasting species to offer your client something completely bespoke.

SanFoot is the Clients product of choice, both the Architect and Interior Designers preference when specifying wood as the desired and value engineered wood wallcovering solution.



SANFOOT®

Engineered Real Wood Veneer Wallcoverings.



GROUND CONTROL AWARDED BALI'S HIGHEST ACCOLADE FOR THE CHILDREN'S GARDEN AT KEW

BALI Registered Contractor Ground Control has been awarded the British Association of Landscape Industries' (BALI) prestigious Grand Award at the 43rd BALI National Landscape Awards 2019, sponsored by BALI Registered Affiliate and Headline Sponsor of the Awards Green-tech. Ground Control's project, The Children's Garden, Royal Botanic Gardens, Kew was entered into the Community and Schools Development category.

The annual BALI National Landscape Awards, held at the iconic JW Marriott Grosvenor House, Park Lane, London celebrates the skills, hard work, quality, commitment and successes of BALI Registered members and are the largest landscape Awards in Europe. They recognise excellence in landscape design, construction and maintenance both in the UK and overseas, as well as awarding Affiliate customer service and employer excellence.

Ground Control, a UK-based multi award-winning grounds maintenance provider

specialising in winter maintenance, took home the top Award for The Children's Garden at the Royal Botanic Gardens, the first significant development within the Kew Gardens estate for over a decade. Ground Control developed the initial design concept, engaged with Kew's visitors, local community groups and larger public organisations before transforming a large under-used area into a unique play and learning space. Children of all ages can now enjoy a beautiful adventure space unaware they are learning about nature, plants and the environment.

This year's BALI National Landscape Awards' Adjudicators, led by Chair of the Adjudication Panel John Melmoe, jointly commented, "The quality of the finish on this hard and soft landscaping scheme is absolutely superb. The contractor has embraced the design and created an amazing play and learning space for children, complete with a beautifully constructed oak tree circle walkway, meticulously installed play equipment,

carefully sited rockery boulders, and a skillfully laid plethora of different surfacing including artificial grass, composite boarding, gravel pathways and safety surfacing. Every aspect, without exception, has been tackled with skill, precision and exemplary attention to detail. The planting scheme softens and enhances the hard elements and, despite the garden's popularity and consequent heavy use, seems to thrive in spite of the attention of many small hands and feet. This is landscaping at its very best and a worthy winner of this year's BALI Grand Award."

145 entries were judged by BALI adjudicators over the summer with 91 National Landscape Awards bestowed on 63 members of the Association in September, with 23 Principal, 8 Special and the coveted Grand Award announced live on stage at the glittering ceremony.

www.bali.org.uk/home

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Premises Relocation

"In 2015 we contacted Rollins via a recommendation. Over a period of design meetings we felt Rollins fully understood our brief and had the full capabilities to fulfil our requirements.

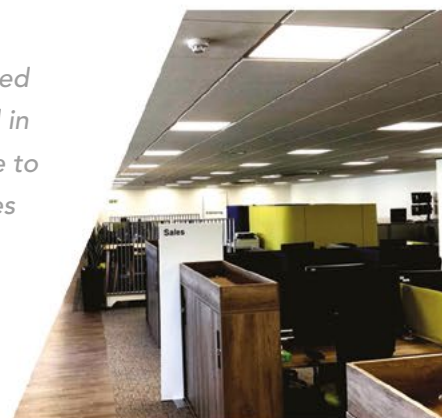
In late 2016 we awarded Rollins the full contract to refurbish the existing front building prior to carrying out an extensive fit out of our new purpose built factory, interlinking into the existing front building. Works on the existing building started in July 2017 and were handed over in January 2018 allowing us to start our move project.

Bury St Edmunds, Suffolk
Complete Facility
Relocation
& Refurbishment

" We would fully recommend Rollins to any business looking to relocate premises or considering an extensive refurbishment."

Client Testimonial

Fit out works to the new factory building were delayed due to the build of main factory building and started in mid-October 2017. Rollins adjusted their programme to ensure we could start moving our production facilities during late February 2018 which has allowed us to complete our full move as planned by the end of April 2018."



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Building works

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- Building of various new walls.
- Pathways & installation of furniture.

Electrical

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- Under floor heating.
- Installation of external inground & above ground lighting across the whole site.
- Fire & Security Systems.

Mechanical

- Hot and cold water services.
- Supply and installation of: all sanitaryware, commercial kitchen equipment and 3 irrigation systems inclusive of pump house.

Carpentry

- Full fit out of the café.
- Installation of the pergola.
- Installation of decking to the café island.
- Repairs to various bridges.

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KRESEN KERNOW ARCHIVE CENTRE

Cornwall's new archive centre, Kresen Kernow (Cornwall Centre), opened for research visits. Designed and delivered by Purcell, the UK's leading heritage and conservation architects, the scheme safeguards the historic Redruth Brewery building at the heart of the Cornish Mining World Heritage Site, revitalising the complex which is home to 1.5 million manuscripts, books and documents spanning 850 years of Cornwall's history.

Kresen Kernow brings together the world's largest source of information and artefacts recording the people, places, history and culture of Cornwall and the Isles of Scilly. Purcell has renovated the site of the former Rudruth Brewery – a collection of industrial buildings which had been developed at various times during a period of over 200 years but which had laid derelict since the brewery closed in 2004.

Successive arson attacks in 2011 and 2013 had devastated the buildings' interiors, reducing several of the structures to little more than debris-filled shells supported by temporary propping. Subsequently, the redevelopment of the site was enabled by funding from Cornwall Council and National Lottery Heritage Fund.

Purcell's approach to the restoration and adaptation was influenced by the strong visual appeal of the historic fabric. The design team was particularly keen to retain the remaining structures and rejuvenate the interiors to provide exemplary spaces for contemporary exhibition and library use.

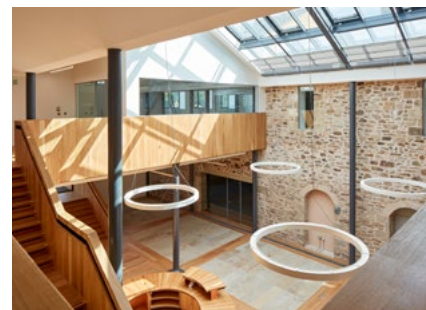


A new two-storey environmentally-controlled archive store – comprising 14 miles of archive racking – has been added to the complex, externally clad in precast concrete panels, designed as a robust yet discrete counterpoint to the existing building. Reaching a height of 33m (100ft), the 1930s tapered brick chimney has been retained at the heart of the new extension.

The eroded pointing towards the top has been rectified and uplighters installed at roof level to illuminate the distinctive local landmark making it visible from the town and surrounding area by day and night. A copper-clad addition projects beyond the confines of the original building and accommodates a dramatic display area at first floor level, as well as providing an external focal point close to the site entrance.

Purcell has reintroduced original features of the existing buildings, previously infilled openings have been reopened and fitted with new hardwood-framed windows and glazed screens. A number of original cast iron columns have been salvaged from the fire-torn building and incorporated in a new steel frame that supports the first floor and roof, providing lateral restraint to the historic walls.

Modern render and plaster coverings have been successfully removed from the stonework, with original granite flagstones

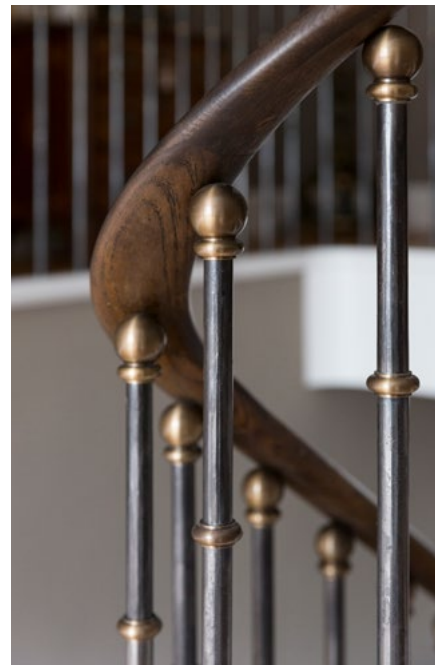


carefully lifted and re-laid within the new ground floor exhibition space. Brick gable walls at high level have also been reinstated, based on historic records. The careful repair of historic fabric, combined with new, modern insertions, creates a new life to these characterful buildings while providing

a valuable resource for the local community that can be accessed and enjoyed by visitors from Cornwall and beyond.

www.purcelluk.com/





From left; Bronze Balustrade Project 4875, Art Deco Balustrade Project 6942, Georgian inspired balustrade Project 7060

STAIRCASE REPLACEMENT

Replacing an entire staircase is not something you want to undertake lightly but with careful planning, and a staircase specialist it is as simple as replacing a kitchen or bathroom.

If however if your staircase is structurally sound but looking tired or in need of an update then the most cost effective option is to replace the balustrade and handrail. Going further you may like to add new feature treads at the foot of the staircase. Remodelling the balustrade is a relatively simple process but it can transform the staircase and give a 'wow' factor to your hall, creating that all important first impression adding value to the house.

When replacing the balustrade there are several things that should be taken into consideration such as style of property, cleaning & maintenance, light and who lives there. Bisca always advise their clients to use the best quality materials available and handcrafted and natural balustrades and hand-rails are making a resurgence.

BRONZE BALUSTRADE PROJECT 4875

Mass market spindles of the old balustrade, together with an angular handrail made the entrance hall look dated. Their fussy design did not fit with the modern, contemporary style of the rest of the home.

The replacement bronze balustrade uprights are hand forged from raw bronze and finished by Bisca's in house blacksmith. Simple, elegant and of timeless design, they give a contemporary feel to the property. Bronze darkens as it ages naturally, so to prevent this and retain the colour it was treated with a clear lacquer.



Bronze Balustrade Project 4875,

A new hand polished hardwood handrail flows without interruption down the entire length of the stairs and around landings.

Bisca Bespoke Balustrades start from £3,000 per metre

ART DECO BALUSTRADE PROJECT 6942

Bisca was commissioned to design an Art Deco inspired balustrade for the main staircase in a property of the same period. The new balustrade is an elegant addition to the impressive entry hall, which retains many original features. Made in laser cut and polished steel with contrasting blackened infill panels, the design features

the striking geometric shapes found on the property's front door.

Bisca also incorporated bezels on the upright, where they meet the stair and landing edges, a design detail based on stainless steel bezels found on a period fire surround in the property. The balustrade is topped with an oak handrail to match the original parquet flooring. The handrail flows around the first-floor landing edge and down the staircase with traditional Art Deco swan neck transitions and finishes with a simple pair of scrolls above the first tread. The result is a design which looks completely at home in its environment, an elegant feature fit for the property.

Bisca Bespoke Balustrades start from £3,000 per metre

GEORGIAN INSPIRED BALUSTRADE PROJECT 7060

Inspired by Georgia Design the client asked Bisca to design a new balustrade that updated the staircase.

The unique design features uprights of burnished steel with antique brass details. The forged balustrade is hand made by Bisca's blacksmith in the forge at the Yorkshire Workshop .

The balustrade is topped by an elliptical, dark stained oak handrail.

Bisca bespoke Balustrades start from £3,000 per metre

www.bisca.co.uk

RENOVATION, UPGRADE OR REPLACEMENT A LIFT?

When replacing apples for apples on any equipment this is not considered to be an upgrade but a renovation. Simply replacing worn out components will allow a lift to continue to work as originally intended.

COMMON EXAMPLES OF REFURBISH

Bearings or Pully Sheave Failure – Either the bearings or the whole lift drive sheave or pulley will need to be replaced

Lifts Motor Burns Out. – Replace the motor

Internal Car Lift lining can be renovated instead of being replaced. – Old Timber panel removed restored and replaced or a like for like replacement is obtained.

Lift Door replacement – Whole doors can be replaced, or simply new skins applied dependant on the requirement

With remedial action and component changes as suggested above the nett result is that the equipment will run as originally intended. The improvement in performance and reliability to the original specification being achieved. Aesthetically it is also completely possible to refresh lift interiors, controls and doors to meet current standards. It is also possible if required to dress the equipment to blend into a buildings environment or match corporate branding.

The cost of a complete modernisation to the existing equipment can outweigh a complete



lift replacement cost. Advantages could be less downtime and disruption to your business whilst negating the need for possible remedial builders works. The refurbishment process can therefore be an attractive route to consider. However, it does not generally result in the equipment meeting today's safety or performance standards.

This being said you have good reason to not simply replace like for like, when you consider if you would like to improve the lift comfort level, acoustics levels, the ride quality, floor levelling or more importantly saving on the lift energy consumption levels, aiding the environment and running costs.

There are many options to consider when deciding to renovate, upgrade or replace a lift and iKONIC consultants have specified and project managed a variety of lift refurbishments



upgrades and installations in some of the most prestigious buildings in the UK. Utilising our experience and knowledge we offer proven innovative solutions for some of the most complex requests and can ensure all compliance and standards are adhered to. Issuing straight forward advice and complete solutions.

New for 2020 iKONIC have developed a sophisticated Lift Monitoring System designed to be integrated to any lift which will allow total diagnostic and monitoring. If you are considering a lift renovation get in contact with iKONIC for some friendly impartial expert advice and support.

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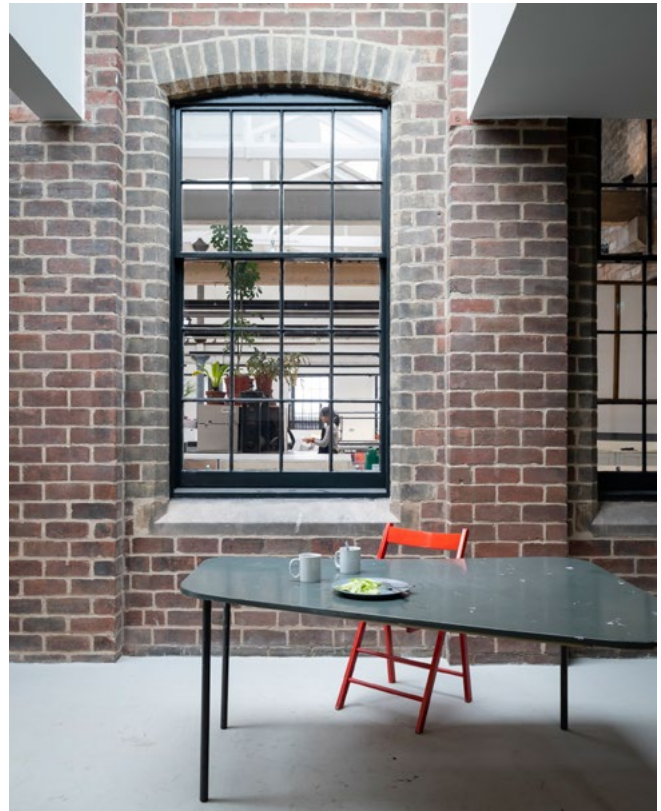


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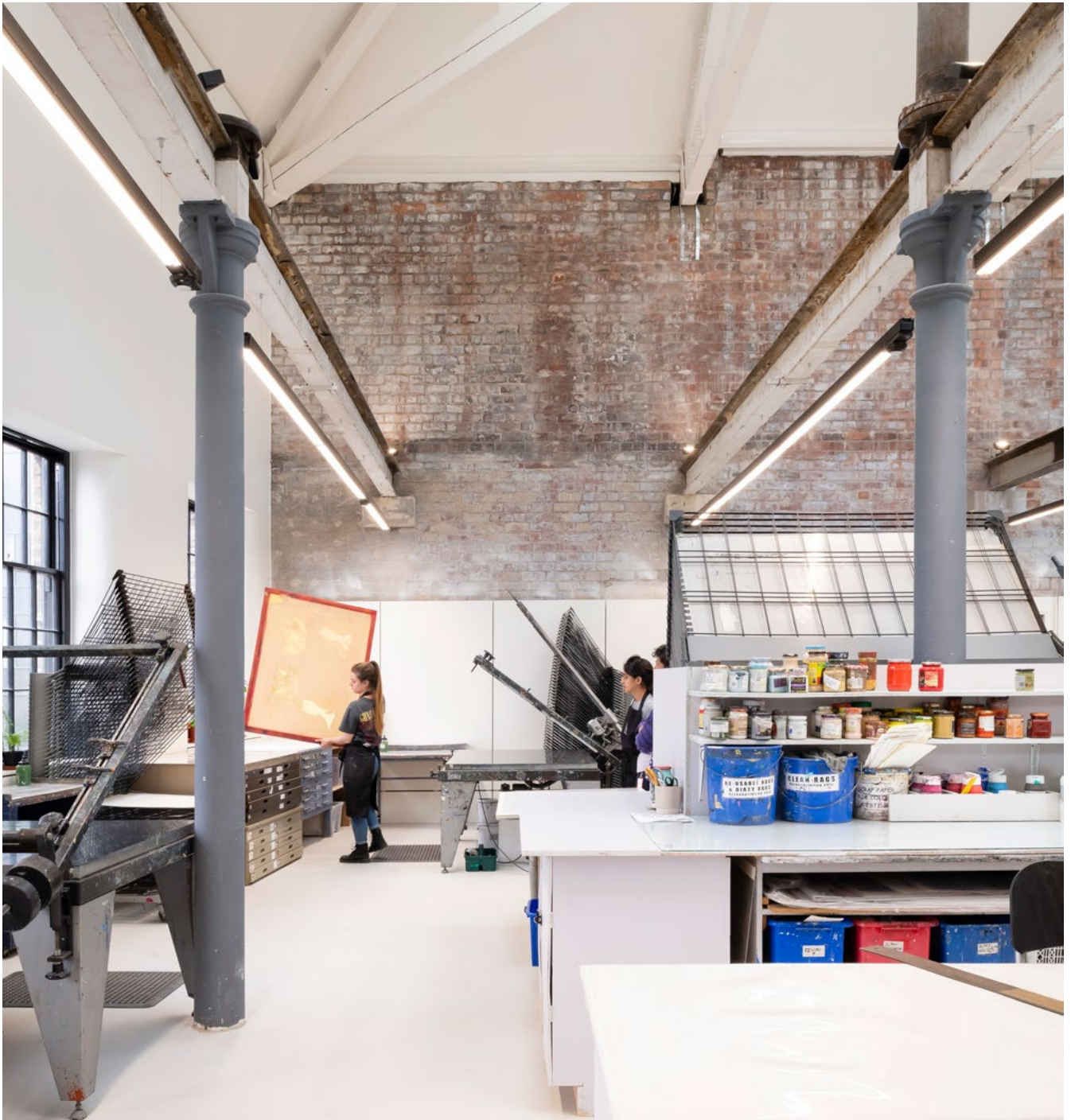
EDINBURGH PRINTMAKERS



The Edinburgh Printmakers new creative hub is located within what once was the headquarters of the North British Rubber Company (NBRC). Our project involved the redevelopment of this derelict building into a multi-use arts complex centred around printmaking production.

Central to the architectural concept was to make precise interventions to facilitate new use while respecting the character and story of the existing building. The NBRC building is the only surviving structure from the once large and important nineteenth century Castle Mills industrial complex. At its height, NBRC employed over three thousand people and produced a vast array of rubber products on site, including the famous Hunter wellie boot. During the First World War, 1,185,036 pairs of rubber boots were made for the army with the mills running 24 hours a day to keep up with demand.

The Printmakers' brief included provision of two galleries, shop, café, education space, staff offices, environmentally controlled archives, eight creative industries units and a large print studio. New architectural elements are light of touch and stem from an understanding of the heritage. The bold new entrance onto Dundee Street provides a public face for Edinburgh Printmakers offering views from the street directly in to the galleries, reception and shop. The new extension to the rear subtly shifts the centre of gravity of the building to create a central courtyard around which all building users can meet and interact. The courtyard also addresses the broader redevelopment



of the surrounding site and becomes one of a series of public spaces creating pedestrian routes from the canal to Dundee Street.

The print studio sits at first floor level in the expansive triple height former joinery workshop. Fabric repair works were carried out as necessary, but the patina of one hundred and fifty years of occupation was maintained. Historic joist pockets within the raw brick walls are retained, the original muscular cast iron structure and timber trusses are left exposed, and marks of previous interior paint colours are left untouched. Our approach was not to white wash away the many stories of this space, but instead allow a new layer of occupation to add to the ongoing narrative of this place.

Where original fabric was no longer required it was repurposed. Old glazed bricks found behind layers of plaster in

the basement were re-used to make the servery counter. Large timber doors were re-imagined as tables in the café. Bespoke shop fittings were crafted using plywood, steel and rubber in a nod to the industrial heritage

In collaboration with visual artist Calum Colvin, Page \ Park designed one of the permanent artwork commissions in the building. The EPscope is a fantastic synthesis of periscope and kaleidoscope providing a view from the public café into the print studio above overlaid with images of products made by the rubber company. These objects refract and collide to create an infinity of patterns that are at once obtuse and accurate, like a memory.

www.pagepark.co.uk/



SAFE ACCESS FOR THE NEW ALBUKHARY FOUNDATION GALLERY OF THE ISLAMIC WORLD

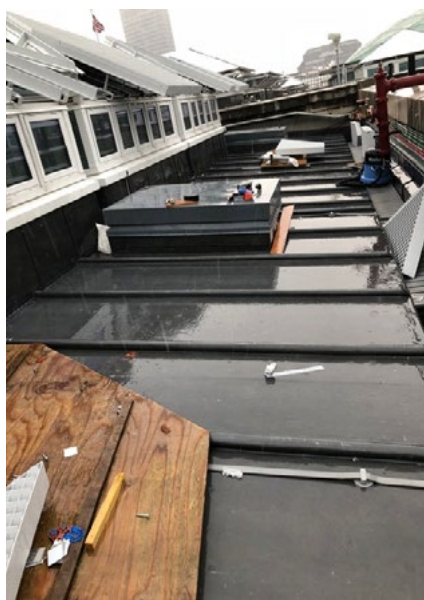
Bilco UK supplied twenty one special size Ladder Access Roof Hatches to the British Museum's newest gallery. After three years of careful planning, research and collaboration the Albukhary Foundation Gallery of the Islamic World opened in October 2018.

The new, permanent, exhibition space is a result of the renovation and joining together of two beautiful Victorian galleries located in the 'White Wing' area of the Museum. The galleries had been closed for several years as they were in need of renovation.

The Albukhary Foundation Gallery of the Islamic World displays magnificent works of art alongside everyday objects. The aim is to enable the visitor to explore the cultural significance, breadth and impact of the Islamic world in a creative and exciting way. Audio-visuals and specialist lighting bring the culture of the Islamic world to life.

The roof of the White Wing was originally laid in lead but was later replaced with copper in the 1960s. As part of the refurbishment of the two galleries it was decided to return the roof to its original lead design. The roof timbers and boarding were overhauled, and forty-five tonnes of new lead added.

Ladder access was required to the roof void area to allow for routine maintenance activities. Bilco UK's SS-50TB Ladder Access Roof Hatches were specified by the architects, HoK. The installation was managed by the Principle Contractor, Coniston Limited, who have a reputation for



delivering heritage and conservation projects and a long history of working with the British Museum.

The SS-50TB Roof Hatches were made to order as they were required in a larger non-standard size, 1215mm x 915mm, than the standard stock sizes. The hatches were also manufactured with a PPC finish to blend in with the new roof.

The SS-50TB is engineered with compression spring operators to provide smooth, easy, one-hand operation, regardless of the size of the hatch. An automatic hold-open arm locks

the cover in the open position to ensure safe egress and a grip handle allows for easy, one-hand release and closing. This one-hand operation of the SS-50TB, to a fully open or closed position, enables the ladder user to maintain three points of contact at all times.

The SS-50TB is the perfect solution for projects where regular roof access is required and safety is paramount. The roof hatch meets all the requirements of the Manual Handling Operating Regulations (MHOR) 1992.

The Ladder Access Roof Hatches are fitted with a closed-cell EPDM sponge gasket, as standard, to help ensure weather tightness, energy efficiency and to meet Building Regulation Air Leakage targets. The specially designed gasket provides a better seal of the cover to the curb. This ensures the hatches have a Class 1 rating under BS EN 12207:200 and meet the requirements of Part L of the Building Regulations.

A thermally broken cover and frame design provide superior thermal performance. The design of hinges and other features ensures that the hatches are resistant to the effects of ageing and weather in exposed locations – a necessity for a large roof area in Central London!

If you would like to find out more about safe and easy access to roof areas for your next project please call 01284 701696 or visit our website.

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The sliding cover is both stylish in design and practical in exposed areas where a hinged opening is impractical.

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GOING ABOVE AND BEYOND THE EXPECTATIONS OF OUR CLIENTS

NEG Earth is probably the leading, independent, British based live entertainment lighting and rigging hire company in the British live entertainments industry including feature events such as Glastonbury and most internationally famous solo Artists and live rock bands – operating in the UK and internationally including the USA where they recently supported the Rolling Stones tour.

The company's core philosophy is to deliver a "one stop" entertainment lighting and rigging service. They offer premium levels of support and value for money through the provision of skills and advice in project management, design, fabrication, installation and maintenance – together with the supply of crew for large scale music festivals, tours, ceremonies, sporting events, theatrical production and corporate events.

The original building experienced a fire which caused extensive damage to the warehouse and offices and as a result, the building had to be demolished.

This was devastating for NEG Earth but they quickly secured temporary premises and re stocked equipment.

Because of the previous fire and the closeness of adjacent buildings and proximity to the Grenfell building tragedy, being only approximately 2 miles away as the crow flies, the Client and Insurers were absolutely adamant that the building was re-clad to the highest fire standards requiring fire performance of 60 minutes insulation and 60 minutes integrity as per the through wall specification requirements.

Following discussions with NEG Earth and the Main Contractor, SPV, were appointed in early 2019 under a sub contract of almost £1.5 million to carry out the refurbishment of the building to the correct standards.

SPV's remit was to strip the existing assembly down to the existing liner trays and reseal and re-fix correctly then re-fix the existing APL Tritherm sub-frame grid system incorporating Tritherm Helping Hand™ brackets utilising the inbuilt 24mm adjustment for correct line/level alignment for the new 7000m2 Architectural Profiles external AP45HR half round profiles laid horizontally.

Between the inner and outer skins SPV installed multi layer semi-rigid Flexislab stonewool insulation laid chequerboard joint and secured with special 80mm hexagonal washers at approximately 3 No per m2 per layer.

This was a most challenging project as the building remained in full occupation throughout. With the value of equipment within the building totaling over £50 million, the project had to be completed in sections with the highest levels of security on a 24 hour basis – added to this were the difficulties of the general 14m eaves height



with particular large studio areas where the 'stage sets' are pre-built being 20m high.

It was imperative that no disruption was caused to the business throughout the duration of the works. SPV fully delivered on this with no complaints received over the 9 months on site.

As is usual with London projects - space at the site was extremely limited and with a service road adjacent to the building, SPV had to arrange road closures and also undertake night work so there was minimal disruption to both the operation of the building and adjacent businesses.

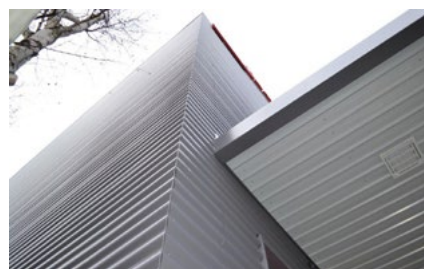
The project completed ahead of schedule and all as per agreed budgets.

We also had great feedback from the client, main contractor and manufacturer

The Client and manufacturer made a particular point to thank the team them for their considerable efforts and complementing them on the standard of work achieved and their cooperation in phasing the work to suit the Neg earth ongoing requirements of a busy and active business.

"Now the Neg Earth project is complete, I wanted to write and inform you how impressed I have been with your supervisor Shaun and your team of operatives throughout the project

As you and I Both know, it has not been the



easiest of projects, not just because of the building being occupied but also due to the politics involved of the various parties. Shaun and the team have not only delivered a quality project but Shaun has very diplomatically managed the scheme.

I would also like to pass on my thanks to Paul, who without his assistance throughout the project I would have found even more challenging.

I would be grateful if you could pass on my gratitude to the team for their diligence and professionals throughout the project and hope we will work together in the future in less challenging circumstances "

- Marbank Construction

"We thoroughly agree with the Clients comments and feel both Shaun and Paul should be complemented for their efforts on this job which is an extremely good reflection on the SPV business

Also Dean should be complimented on his supervision and his actual fixing and detail work which was done first class, particularly on the corners

Thank you to yourself and all at SPV for a very satisfied customer who now says his faith has been somewhat restored in the construction industry due to SPV's efforts'- Architectural profiles

www.spv-uk.co.uk/



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HOW LOW-ENERGY SOLUTIONS COULD TRANSFORM YOUR 2020 HOME RENOVATION

If you are planning a home renovation this year you might have thought about trying to lower your carbon footprint, as well as your energy bills, but don't know where to start. The good news is that a home renovation is the perfect time to consider making your home more eco-friendly.

Low energy building solutions can feel intimidating, with so many different options out there, but there are some really simple things that you can easily incorporate into a renovation which can make a big difference in the long run. Even if you haven't got much to spend you can have a substantial impact on your energy bills straight away.

1. IMPROVE YOUR LOFT INSULATION.

It is rare today that people have no loft insulation installed, but compared to modern regulations almost everybody would benefit from topping it up. Modern building regulations suggest almost 300mm of fibre glass insulation to keep your home snug and once it's done you can forget about it. Most homes can be treated for less than £500 and you're likely to get your money back within 2-3 years.

2. GET CAVITY WALL INSULATION.

If you live in a home built in the last 100 years it is likely that your home will have cavity walls. If so check if they are insulated and treat them if they are not. There are still companies out there providing this service for competitive rates and the savings will often pay for the work within 4-5 years.



3. TARGET DRAUGHTS AND OPEN CHIMNEYS.

In older properties this is a real cost saver, especially for those with open chimneys. Draughts can account for around 15% of a standard energy bill, more so for older properties. Simple draught proofing seals, tape, and chimney balloons can recoup their cost within a year and cut down wasted energy that is literally going up the chimney.

4. INSTALL SOLAR PANELS.

Prices for solar panel systems have fallen considerably, and still far outstrip any standard investment options. Even the largest 4kW (16 panel) domestic system cost no more than £7,000 and you are likely to get your money back within 10 years with a 20-year tariff payment term. It will also offset your daytime electricity usage and works wonders with a heat pump.



5. INSTALL A HEAT PUMP.

An air source heat pump could cost £10-15K for the average domestic home, but the renewable heat incentive (RHI) scheme offers tax free payments for 7 years almost guaranteeing that you will get your money back within this term. In real numbers this is the equivalent of 12.5% return on investment.

The dream of being able to turn your existing home into a cost-effective, snug and wholly comfortable eco-home is not one that happens overnight; nor will most solutions come for free, but there are some measures that outperform the rest and can quickly help you save money and improve your situation.

www.mesh-energy.com/



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SIKA SARNAFIL EXPLOSIVE SUCCESS FOR ROYAL GUNPOWDER MILLS HERITAGE ROOF REFURBISHMENT



The Royal Gunpowder Mills heritage site had Sika Sarnafil products installed to guarantee a stunning aesthetic and durable roofing solution.

A historic and archaeological treasure, the Royal Gunpowder Mills heritage site in Waltham Abbey, Essex, has been given a new lease of life with a stunning and sympathetic roof refurbishment.

Consisting of listed buildings, ancient monuments and natural aspect features, the site is a well-loved attraction. A busy hub of activity, it attracts thousands of visitors every year, with exhibitions and a programme of hands-on activities for school groups.

With previous roof coverings across the site's buildings close to derelict, a new roofing system was needed that would both guarantee a durable solution and fit with the aesthetic of the heritage buildings. To meet those needs, Sika Sarnafil G410-15EL FSA Lead Grey was specified alongside Sarnavap 1000E air and vapour control layer.

The high-quality roofing system was chosen after the project's main contractors Courtenay Builders Limited were impressed with the results from similar Sika Sarnafil projects. They also entrusted Contour Roofing with the specification and installation after seeing its award-winning track record with Sika Sarnafil.

As a site once home to tonnes of explosives and with visitors in throughout the refurbishment, the project proved challenging, requiring extensive attention to health and safety. A strict ban on naked flames and hot works meant that the plywood boards had to be primed immediately after installation and before exposure to any wet weather. The specification therefore considered this and the original system, which would have needed a completely dry substrate, was switched to a loose laid polyethylene air and vapour control layer that was more equipped for a faster installation in the expected conditions.

Securing a 20-year Sarnafil guarantee, the newly refurbished roofs have not only met the client's need for a stunning aesthetic, but have also provided a durable weatherproof roofing system – upholding the heritage charity's mission to conserve the site for the benefit of the general public.

gbr.sarnafil.sika.com

'ALUPROF UNITISED SYSTEMS TRANSFORMS EXISTING BELFAST BUILDING'

Unitised curtain wall is normally associated with new high rise building, but in Belfast, Aluprof systems are being used to help transform an existing office block with a completely new building envelope.

Located at Wellington Place in the heart of Belfast, the Merchant Square Office Development will offer over 200,000 sq.ft. of Grade A office accommodation. The existing seven storey office block was designed by McAlister Armstrong & Partners and completed in 1975. The new £18.5 million redevelopment will add two further floors and will consist of a new Corten steel and aluminium high performance facade.

The external envelope was originally specified in traditional stick construction curtain wall, but Clarke Facades worked with Aluprof to put forward a superior offer using a unitised option. Crucial to this specification change with Like Architects of Belfast and their client, the Oakland Group, is that the proposal had to fall within the original facade budget. This was achieved using Aluprof's MB-SE75 Capped Unitised Curtain Wall system.

With the rise in use of unitised curtain wall systems in medium sized projects, the option of unitised systems is becoming a real alternative to a traditional curtain wall, especially



as costs are becoming much more competitive. It is well known that unitised systems can offer up to a 50% time saving on installation which can offer significant savings on the project programme.

Aluprof's MB-SE75 Capped Unitised Curtain Wall system was then specified in an anodised finish, which then contrasts in accordance with the architects design, with the external Corten steel used in a vertical column emphasis. Facade installation started in early March and is expected to be completed in a matter of weeks, ensuring that the building envelope meets the tight installation programme.

www.aluprof.co.uk



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Langley Waterproofing System Ltd's TA-30 Flat Roofing System is a premium quality and durable solution for the commercial, education, healthcare and housing sectors, suitable for both new build and refurbishment projects.

It is compliant to the highest fire rating classification; Broof(t4) and has been extensively tested with varying insulation types, thicknesses and roof decks, for a system that is compliant yet versatile, to suit the client's requirement. This has been independently tested by the BBA (British Board of Agrément) and further certified by LABC with LABC Assured accreditation.

The system is only installed by Langley's vetted Approved Contractor network to ensure a high quality installation. Once installed, it carries an independent insurance-backed guarantee of 30 years for materials, design and workmanship. It is a long-term solution with a life expectancy of at least 40 years.

This system is also available as a BIM object on the NBS BIM library.



E: enquiries@langley.co.uk
W: <https://bit.ly/3bMgfbu>



CONVERTED WAREHOUSE

For a private investor, Firm converted a 215 square meter part of this 120-year-old Warehouse on one of the busiest harbors in the Port of Rotterdam. The poorly lit space combined with a north-facing facade with just a few windows meant the owner needed to be visionary in order to perceive a bright and well usable office space. It is this capacity combined with the architectural aspirations and the open mind of the investor that ultimately have led to a strong collaboration with the architects and thoughtful design.

The architects started their architectural task by researching the maximum number and size of possible new openings in the façade. All in close contact with the monuments' committee of the municipality. After securing the right to open-up the old window openings in the facade and add new windows and doors, the possibility to create a well-lit space was conceived. To further enhance this, Firm architects decided to disconnect the new interior from the old walls. This appearance of the design is somewhat subtracted from the original shell, the old brick walls has a

dual purpose; it creates architectural contrast and it ensures the minimal north-facing daylight to flow in across both levels as the architects bridged the half meter between the interior and the outer wall with a glass floor over the full width of the facade. Furthermore, they added mirrors on the walls on both levels to enhance this effect.

In the interior, the design principle of subtracting the new from the old creates an enriched dialogue between the original building and its novice function. This is strengthened by technical material usage in the new interior such as aluminum wall paneling and a stainless steel kitchen. The wood paneling forms a volume embracing the large central void and ensuring a perfect acoustic for an office.

TECHNICAL SHEET

Official name of the project: Converted warehouse ZZ21

Location: Koningin Wilhelminahaven ZZ 21

Client name: ZZ21 BV

Architects/designers: Niek Joanknecht

Project Manager: Niek Joanknecht

Budget: €240.000

End of the project date: 02/2019

Dimension: 210 m2

Sold price – £800,000



www.firmarchitects.com



STAY SAFE WITH ENERGETICS TECHNOLOGY

Building and Facilities News is happy to announce that Energetics Technology Ltd is our Security and Counter Terrorism Company of the Month.

Established in 2010 by Dr Peter Jemmett, Derbyshire based Energetics Technology Ltd (ETL) is very active in creating new products for the security and counter terror industries. ETL centres on the research and development of energetic materials, and pyrotechnic products for the successful integration of its products into ordnance systems. The company offers the design and manufacturing of specialist energetic products and research and development into pyrotechnic compositions and explosives, explosives and weapon system evaluations, CIED training and the supply of EOD equipment.

Flexible UK manufacturing facilities render ETL capable of providing fast responses and able to cater for any level of specificity the customer may require. With the specialist defence product market increasing notably, ETL have grown to offer a variety of solutions.

ETL's experience and knowledge in energetic compositions also enables the company to create products that protect against such compositions. This knowledge is used in the development and manufacture of its blast protection products. ETL's Kevin Springthorpe tells us that "Every product we design and manufacture has been physically tested with the explosive charge we market the product as protecting against."

ETL has recently launched its HALO 80 Plus, an

all-new blast resistant litter bin, an improvement on the HALO 80, an already popular product for dealing with public area threats. The HALO 80 Plus offers an improved protective performance against explosions and overpressures. It also has increased protection from high velocity primary fragments and is reshaping the blast protection capabilities of a small sized bin. The bin does not need to be permanently fixed to the ground, thus saving on expensive installation costs and rendering the bin easily transportable should the location of the threat change. The HALO 80 Plus provides seven star rated blast mitigation and it is functional and easily emptied. It incorporates SABREMAT technology which, enables all-round horizontal protection. Additionally, the Halo 80 Plus has very low maintenance costs, all equating in the bin being vastly superior to other similar products.

As well as being excellent in its function, the HALO 80 Plus can be fitted with accessories and optional extras. It can be fitted with a powder coated sleeve that can meet any standard RAL colour, or a perforated stainless steel sleeve. Buyers can also choose from recycling lids, section dividers and rain cover lids, vinyl labels for recycling information, logos or branding and cigarette stubber plates.

ETL can also offer standard isolation units and threat mitigation units for use in airport baggage areas, police stations, commercial offices, academic institutions and embassies. ETL also offers bespoke solutions to customers needing security or counter terrorism products tailored to specific needs. The bespoke options are usually



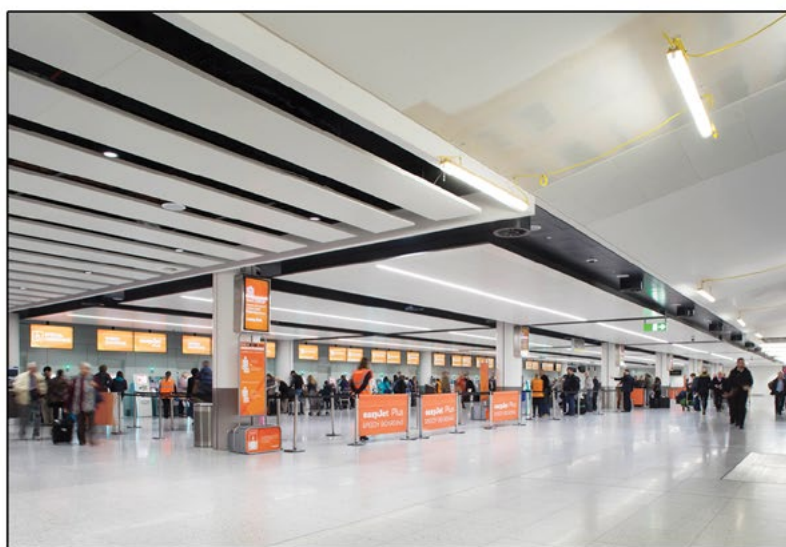
based on pre-existing designs in order to adhere to an already proven level of safety, durability and reliability.

The company plans on future expansion, with a new manufacturing facility opening soon and the continuous release of more energetics products and blast protecting products as a result of the company's extensive research and development. ETL will be attending the DSEI show in September to exhibit its products and services. For more information on ETL, its products and services, visit its website below.

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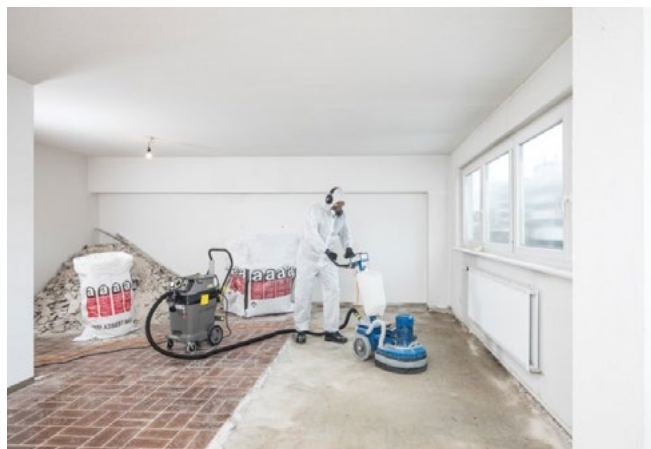
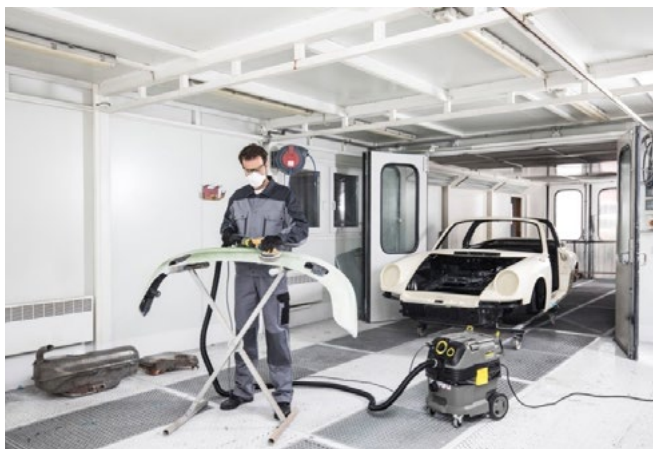


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SAFETY, IT'S A MATTER OF TACT.

Kärcher expands its range of safety vacuum cleaners and presents two new machines in the M and H class categories¹.

Developed for use in the construction trade and industrial environments where there are large volumes of fine dust, this new generation of robust, wet and dry vacuum cleaners quickly make achieving maximum cleaning performance easy and safe.

Featuring the new sensor-controlled, automatic filter cleaning system (Tact), the vacuum cleaners detect when the flat pleated filter needs to be cleaned and quickly reverses the air flow, to blow air through the filter, enabling continuous operation for the user without any loss of suction power. They also optimally select the filter cleaning interval, depending on the quantity of dust being vacuumed: this enables large quantities of dust to be collected without the need for manual filter cleaning.

Suitable for collecting large volumes of safe as well as hazardous substances, such as asbestos dust, the PTFE-H flat pleated filter (HEPA 13) used in the H class models, is the first cleanable filter in a wet and dry vacuum cleaner for this dust class: with a filtration level of 99.995%.

As well as the outstanding features of our existing NT vacuum cleaners, these new models also include: electronic filter detection and air flow monitoring, so the vacuum cleaner only starts when the filter is correctly installed, which ensures optimal safety for the user. If the air flow falls below a certain value, a warning signal sounds that indicates a blockage or full container. Thanks to its grounding conductor and conductive accessories users are effectively protected against an electrostatic charge, which can occur when vacuuming dry dusts.

Sturdy housing with a bumper at the front and large metal castors provide ultimate stability, transportability and a long service life –

making it easier to move the equipment from site to site. The flat, non-slip top provides a secure hold for the user's toolbox, and slots on the machine allow accessories to be stored securely.

Additionally, new bayonet locks and large clips on the floor nozzle allow the quick change of accessories between wet and dry applications, without the need for any tools. The suction hose now connects directly into the container head allowing maximum use of the container space, and a significant reduction in noise when vacuuming small quantities of dust, making these machines a powerful ally.

The new range includes:

NT 30/1 Tact Te M | NT 40/1 Tact Te M
(110V or 240V) | NT 30/1 Tact Te H

(110V or 240V) | NT 40/1 Tact Te L

www.karcher.co.uk/dust

¹ Dust class L: Low-risk hazardous dusts such as lime or plaster dusts. Max. transmittance: $\leq 1.0\%$.
Dust class M: Medium-risk hazardous dusts such as wood (beech, oak) or paint dusts. Max. transmittance: $< 0.1\%$.
Dust class H: High-risk hazardous dusts such as carcinogenic dusts or mould. Max. transmittance: $< 0.005\%$

DON'T LET YOUR LUNGS BE THE FILTER

97% of construction workers are not fully aware of the risks associated with dust created on building sites.

Kärcher is proud to introduce two new wet and dry safety vacuum cleaners into our H and M categories, which feature improved filter technology, to help control dust and protect you and others around you.

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CANOPIES IN COMMERCIAL REFURBISHMENT

One of the most common forms of refurbishment is often external. Replacing fascias, soffits and cladding to improve not only the overall aesthetic of the building but also its performance. With higher performing, pleasant buildings, landlords are capable of seeking higher rents and proprietors see an increased revenue through user experience and satisfaction.

Two recent projects, while contrasting on the outset, both highlight the importance of maximising use of outside space to add to user experience which, in turn, adds further value to the estate.

Angouleme Way Retail Park in Bury has recently undertaken a site-wide external refurbishment, refreshing the insulation and external cladding for retail units occupied by retailers including TK Maxx, Argos and PC World. As part of the works, tendered out by the landlords, new entrance canopies were also specified, replacing the tired structures which previously served to sit above the store entrances. At over 8 metres in height and oversailing the stores entrances, the new canopies not only provide weather protection for shoppers but also serve as a visual attraction, signifying that the retail park is worth a visit.

With the current situation emphasising the importance of outside space and allowing for people to queue or gather outside a property, canopies and external shelters are to become more prevalent in public areas, where landlords and business owners seek to



provide areas for the public to shop in safety and comfort.

The same can be said for the public sector, be it within retail environments or other public enterprises.

The recent refurbishment of Thornhill Crematorium, owned and operated by Cardiff City Council, also made use of the outside space, providing areas for mourners to gather in comfort, protected from the elements, and also for funeral directors to conduct their business in safety. The Council opted for a series of timber canopies, walkways and porte cocheres constructed from glulam timber; an engineered



sustainable material designed for its structural integrity and visual appeal. This material adds a natural warmth to the exterior of the building, while still providing protection from rain, sleet and UV.

Fordingbridge plc, a West Sussex based firm specialising in the design and build of such structures, provided the canopy elements for each project. Working to a rigorous internal process, they are able to provide all design, structural engineering and manufacture requirements from their custom built facility at the foot of the South Downs National Park.

For more information on the projects above, visit fordingbridge.co.uk



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SPOTLIGHT ON STARON'S NEW COLOURS

Joining a vast array of premium, award-winning surfaces, Staron has introduced several new colours to its collection. Influenced by modern living and contemporary design, the new colours offer an uplifting finish that's guaranteed to elevate any commercial or residential interior.

Simple yet fresh, choose the smooth appearance of Sanded Mint or Sanded Iceblue for a colourful pastel interior. The new Terrazzo Venezia offers homeowners an on-trend surface packed full of contrasting flecks, which run throughout the entire

thickness of the material, providing a stunning, seamless appearance.

The unique structure of Staron means that no joins are required, resulting in a hygienic surface that is also extremely durable. Offering complete design flexibility, Staron is widely used across hotel, office, restaurant and retail sectors, due to its exceptional qualities.

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You'll stay warm and dry in this layered clothing that's robust, waterproof and windproof too! The design and fabric combinations will keep your body in the optimum comfort zone as the weather conditions change on site.

They've got all the features and functionality that you'd expect in Snickers Workwear Jackets and Trousers. They're great looking garments that will keep you feeling comfy wherever you are and whatever you're doing at work in cold weather.



With a range of winter accessories to choose from as well, Snickers Workwear's FlexiWork and ALLroundWork garments feature contemporary designs packed with must-have features that focus on fit, comfort and freedom of movement as well as using innovative fabrics that deliver long lasting protection.

For more information on Snickers Workwear's NEW AllroundWork Jackets and Gilets, call the Hultafors Group UK Helpline on 01484 854788, checkout the website and download a digital catalogue at www.snickersworkwear.co.uk



CISTERMISER'S NEW CPD PRESENTATION EXPLAINS THE BENEFITS OF IOT REMOTE MONITORING

Intelligent washroom controls and water efficiency specialist Cistermiser has launched a new CPD learning module entitled: "Using the Internet of Things for Water Temperature Monitoring to Help Reduce Risk of Legionella".

The fourth edition of ACoP L8, published by the HSE in 2013 with technical guidance published separately in Health & Safety Guidance 274, helps duty-holders comply with legal duties and Part 2 of this document specifically deals with control of Legionella bacteria in hot and cold water systems.

This CPD fully discusses how

remote monitoring systems using IoT technology platforms can deliver significant advantages for management of commercial buildings in the 21st century.

1 hour in duration with a closing Q&A, this CPD learning module from Cistermiser is presented in "short seminar" format and is approved by 3 third party organisations: The CPD Certification Service, RIBA and CIBSE.



www.cistermiser.co.uk

INDUSTRY NEWS: DON'T LET RUSTY RUIN YOUR RENDER!



Building regulations outlined by NHBC and LABC only advocate the use of austenitic stainless steel or PVCu beads in all external rendering applications, anywhere in the UK. Galvanised steel beads are no longer approved for external rendering in any situation.

Simpson Strong-Tie Sales Director Jon Head explains: "We only recommend the use of stainless steel or PVCu products for external applications. Galvanised steel beads should not be used externally, unless secondary protection against corrosion is provided.

Although it's generally known for its corrosion-resistant properties, galvanised steel can react with the

chemical components in render, which will lead to quality issues, from unsightly rust stains, to the degradation of the bead and possible cracking in the render.

Simply put, galvanised steel in external rendering may rust, which will reduce the lifespan of your work and can be costly to put right. But the good news is it's easily avoided.

For rendering and plastering made simple, download the Simpson Strong-Tie 2020 catalogue which is packed with handy tips and installation guidance... and make sure you stay away from Rusty!

For further information or to download our 2020 catalogue, visit www.strongtie.co.uk

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Nature shows the way: Ever since it has been picking the best ideas from its vast pool of shapes and creates something new. True to this principle, awning specialist markilux designed its model MX-3. The slim cassette awning shows how components can merge in a playful way.

The cassette awning MX-3 by markilux received a special curved-linear shape. To make this an even greater eye-catcher, it also got a colourful front profile. You can choose from several accent

colours and match them to the pattern of the awning cover and the frame. With a height of just twelve centimetres it provides shade not only for patios but also for balconies. Accentuated LED-light illuminates the cassette in the evening. To operate the awning, you can choose from manual or radio-controlled motor operation. The integration in a home automation system is also possible.

For further information, please visit:
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Investigative work for a single storey workshop extension showed that load bearing depth and soil composition varied across the whole area of the proposed site.

These observations and the need for economical and reliable foundations to be installed quickly, whilst causing minimal disruption, resulted in the specification of Helifix Micro-piles as the solution. Not only would the Micro-piles provide rapid, cost-effective structural support for the new building, they would cause much less disruption compared to traditional high volume concrete pours.

The installation was so rapid that the foundations were installed in just one day, with no spoil removal, vibrations or major interruptions to the existing commercial property. Each of the six Micro-piles required were simply 'screwed' vertically into the ground, at the appropriate locations, using a hydraulic drive head.

To find out more about Helifix Micro-piles for new build or foundation stabilisation visit
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