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EDITION

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AUTUMN 2021

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Cover image: Spiral UK
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Revitalising healthcare through healing architecture



Covid-19 has impacted our lives and jobs in so many ways and as we consider the months ahead, and in to 2022, its impact looks likely to continue for some time, with long-lasting changes to building design.

As far as construction of healthcare buildings is concerned, we at GEZE expect to see several trends likely to be implemented during this year alone, specifically to help prevent or reduce infection rates. These include increasing automation technology, reconfiguring waiting areas, improving ventilation and installing flexible partition solutions to “section off” areas or improve comfort.

“Clients and architects across the sector are already considering these design changes in new construction as well as refurbishment to existing hospitals care homes and clinics,” comments Andy Howland, sales & marketing director for GEZE UK. “From even before the pandemic hit, our experienced GEZE teams around the world have been busy helping medical facilities implement practical solutions to cope with higher patient volumes and elevated infection control measures. Going forward we anticipate a continued rise of healthcare construction projects focused on these challenges.”

Touchless Entry and Enhanced Security

To reduce the number of surfaces touched by hand, hospitals and other healthcare facilities are looking even more at automation in 2021. Healthcare facilities are already well



equipped with automated doors, often in entrances and corridor areas, to allow barrier-free movement. In addition to improving infection control, automatic doors continue to allow healthcare facilities to better manage where visitors are permitted to go. If a section of the building must have restricted access, healthcare personnel can automatically lock entry-exit doors rather than having to do so manually and can monitor the status of these doors at all times. A feeling of safety is critical to a feeling of wellbeing in any facility but especially healthcare buildings, when we feel at our most vulnerable.

Socially Distanced Waiting Rooms

As recently reviewed by the IHF (International Hospital Foundation), space management in facilities has become a critical consideration. Healthcare facilities will look to their supply chain when configuring waiting room areas that allow patients and visitors to wait comfortably with adequate social distancing space. Surfaces in and around these areas will be designed for easy cleaning and sanitisation, with touch-free movement for occupants in these spaces or clever use of movable glazed partitions to separate waiting spaces at busier times.

Socially Distanced Hallways and Larger Rooms

Healthcare facilities handle a wide range of patient health issues, including a broad range of contagious conditions. Facility owners have had to reconsider the design of wider hallways and larger rooms to keep people from passing too close to each other, plus the reduction of the number of people in each room. Where modification to existing buildings is not possible, due to budget or layout, many may turn more to modular construction, adding these as additional and flexible facilities to existing buildings without compromising on the quality or comfort of these spaces or the technology within them.

Updated Ventilation for Better Infection Control

Airborne diseases can circulate through a building's heating, ventilation and air conditioning (HVAC) system. Recent BBC research has drawn further attention to the fact that these can in fact be carriers



themselves to a range of bacteria. Facility managers are looking at other solutions to help maintain optimum air pressure, whilst allowing air from outside the room to infiltrate, keeping potentially harmful particles from entering or leaving the controlled space. Whilst healthcare and commercial buildings would always be required to meet minimum air quality requirements, it looks likely that further consideration will be given to these parameters to reflect this higher need for ventilation. This would make it easier to convert commercial spaces into healthcare facilities at short notice, as we have seen with facilities such as the Nightingale Hospitals, where GEZE provided essential equipment. The BBC also agreed with this need in further studies.

Whatever the challenges facing healthcare construction, there is little doubt that there are several solutions ready and available to help rejuvenate buildings to this new normal.

Healthcare professionals continue to concentrate on the safety and recovery of their patients and equally so, GEZE are prepared to help manage the safety and redesign of their properties, this year and beyond.

01543 443000

www.geze.co.uk/en/discover/topics/healing-architecture-products-and-solutions-by-geze



Helping healthcare to heal

GEZE has launched 'Helping Healthcare to Heal' an initiative created to recognise that putting patients at the centre of hospital, clinic and doctors' surgery building design can help in the process of healing and recovery. Equipment and materials specified and installed within the building can actively contribute to and promote well-being.

In creating the initiative GEZE looked at addressing areas that encourage recovery and provide patient comfort:

- Prevent environmental stresses such as noise from slamming doors or lack of privacy without creating barriers.



- Enable patients and residents to be as close to nature as possible through outdoor views, sufficient sunlight and fresh air.
- Give patients and residents a feeling of control by being offered opportunities to access outside spaces and move around safely and contact free, not feeling imprisoned but protected in the building.

There is more information available on the GEZE UK website or alternatively GEZE have produced a comprehensive brochure for the healthcare industry that looks at providing solutions for the hygiene, safety and well-being of not only patients but employees as well. It reviews each area of a healthcare building in detail identifying the issues of each, whether it is comfort, safety, hygiene, attractive design, sustainability, accessibility or fire safety and provides advice on overcoming them. It can be downloaded from the website or by contacting GEZE UK on marketing.uk@geze.com.

Andy Howland, sales and marketing director said "The Covid-19 pandemic has brought an intense focus on all aspects of



healthcare in the UK and as we look ahead it's likely that its impact will continue for some sometime with long lasting changes to the building design of hospital and healthcare facilities. At GEZE we support clients and architects as they consider these design implications in new construction and refurbishments to existing buildings."

01543 443000
www.geze.co.uk



SIMONSWERK's TECTUS at Regents Crescent

SIMONSWERK UK's concealed TECTUS hinges have been fitted throughout the remarkable refurbishment of Regent's Crescent, the UK's only Grade 1 Listed New Build.

Designed in 1820 by John Nash who is remembered for his work on Buckingham Palace, Marble Arch and Regent Street in London. John Nash is one of the



most famous architects of the 18th and early 19th centuries. Due to a combination of damage from World War 2 and poor rebuild in 1960, the Grade 1 listed building has been completely rebuilt to turn the office space back into residential accommodation.

The Regent's Crescent development, involved not only the reconstruction of the facade to match John Nash's original design but also a new contemporary building that sits behind, providing 67 luxury apartments, 9 garden villas, residential amenities, cinema, and spa.

The project required architectural ironmongery of the highest standard incorporating performance and appearance. Leading Architectural Ironmonger John Planck Ltd working in collaboration with Midgard, Millier London & PDP Architects selected SIMONSWERK UK door hinges. In total over 3,500 various TECTUS concealed hinges including the TE340, TE540, TE541 and the TE527 in Bronze metallic finish were specified to complement John Planck Ltd's detailed bespoke door furniture and ironmongery schedule.



SIMONSWERK are one of Europe's leading Hinge Manufacturers with a history spanning more than 130 years in the manufacture of brass, aluminium and stainless-steel hinges for doors and windows.

0121 522 2848 www.simonswerk.co.uk



A Bright and Happy Dog Tale!

The Dogs Trust has recently opened a brand new rehoming Centre located just a couple of miles from Cardiff Bay. The charity's 22nd rehoming centre has been devised with man's best friend's welfare at the forefront of its design including the LED lighting solutions supplied by Luceco. The £13.5m project has created a canine oasis with three buildings and landscaped outside space for up to 210 dogs.

The new extensive facilities include 78 light and airy "sleep & run" kennels with underfloor heating, lit with Platinum Mini Downlighters, a recessed luminaire offering an efficacy up to 117 Llm/cW, with a



unique swing tab design for quick and easy installation.

Circulation areas were lit with linear arrays of the Contour luminaire. The LED lighting system consists of connectable modules that can be surface mounted, suspended or recessed as at the Dogs Trust in Cardiff forming contemporary, decorative, and highly effective illumination. Contour offers over 100,000 hours operational life, making the luminaire ideal for environments with high working hours.

Outside, Guardian Pro flood lights were used for the exercise paddocks and runs and IP65 rated Atlas bulkheads were installed around the exterior of the building with Deco Bollards lighting landscaped gardens and pathways. The perimeter roads and parking facilities were lit with Viva City Pro, a modular, slimline, performance LED street lantern offering a choice of optics and an operational working life of 100,000 hours.

The Dogs Trust goes to huge lengths to help abandoned dogs and rehabilitate those dogs in need of a little extra help, and the Cardiff Rehoming Centre will be no different.



With dedicated Training and Behaviour Advisors, dogs of all shapes and sizes will be offered all the help they need to find a new home – creating many bright and well-lit Happy Dog Tales!

01952 238 100 www.luceco.uk



H+H UK announces group sustainability strategy

H+H UK Ltd has declared its participation in the H+H Group sustainability strategy, committing the company to achieving net zero emissions by 2050.

The sustainability strategy published by the Danish parent company of H+H UK Ltd comprises a comprehensive sustainability



roadmap, committing all its operations to specific performance targets which are aligned to the UN Sustainable Development Goals (SDG).

Perhaps the most significant of these is the commitment to achieving net-zero emissions in the company's operations and products by 2050. The target and the plan set out to achieve this goal is expected to be submitted to achieve verification as a 'science based target'.

In preparing to plan its zero carbon journey, H+H has undertaken a life-cycle analysis (LCA) on its aircrete products in order to provide an accurate benchmark against which to measure progress.

While on the journey to Net Zero by 2050, the company is also committing to reducing water used by 5% by 2024 and, in the same timescale, to reduce energy consumption per m3 by 7%.

Following the model of the UN SDG, H+H has set out four specific focus areas, considering its contribution to: sustainable buildings; climate and environmental impact; safety and people and business integrity.

MD Calum Forsyth welcomed the report: "In its sustainability report, H+H Group is setting out its direction for the business into the future. We are particularly pleased with the objective



rigour on which this report is based. Aligning the Group with UN Goals, and taking a measured, scientific approach to analysing carbon emissions ensures that our results will be robust and demonstrable."

This overarching strategy is a Group initiative and each country will take its own approach to meet the Group targets. In anticipation of this announcement, H+H UK had established a working group to focus on re-shaping its operation to achieve the goals. As each work theme is agreed, H+H UK will be announcing its action plans.

01732 886333
www.hhcelcon.co.uk/our-commitment-sustainability



Apartments meet BS 8629 Code of Practice with EvacGo



Two seven-storey residential apartment buildings in the cultural and social hot-spot of Cardiff Bay are now protected by evacuation alert systems from UK manufacturer, Advanced.

The EvacGo panels have been installed to meet the criteria set out in the BS 8629 Code of Practice for the design, installation, commissioning, and maintenance of evacuation alert systems for use by fire and rescue services in England and Wales.

Situated in Cardiff Bay's Tiger Quay development, Roath House and Queen Alexandra House are a mix of 73 social and market-rented one and two-bedroom apartments managed by Trivallis, one of Wales' largest housing associations. Trivallis appointed Cardiff-based, Tremorfa Ltd, to complete the installation, requesting that Advanced's EvacGo solutions be installed to ensure both residential buildings met the BS 8629 recommendations.

With all Advanced evacuation alert systems custom-manufactured to reflect each individual building's evacuation zones, Advanced supplied two EvacGo systems to Tremorfa complete with 1-loop card, expandable from four to eight evacuation zones. The two systems were installed alongside a combined total of 63 sounders to provide audible warning to building occupants in the event of an emergency.

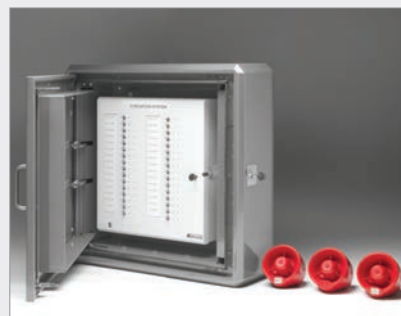
Graham Smart, Fire & Security Installation Manager, at Tremorfa Ltd, said: "Having installed Advanced solutions for a number of years, we knew we could depend on its evacuation alert system to meet the requirements of the BS 8629 code of practice. The systems in both apartment buildings are now performing as required and we will be completing the installation of further EvacGo systems at Trivallis' properties."

Evacuation alert control and indicating equipment (EACIE) is now strongly recommended in England and Wales for all new tall residential buildings – and is mandatory in Scotland. The EACIE must operate completely independently of fire detection systems and be designed to support any evacuation strategy chosen by the fire and rescue service.

Ken Bullock, Business Development Manager – Evacuation Alert Systems, said: "We are seeing a rapid growth in interest in evacuation alert systems from local housing authorities and private landlords eager to ensure that the safety measures installed in their tall residential buildings meet the latest regulations.

"EvacGo has been built using our industry-leading MxPro 5 fire panel technology and, in developing our solution to meet the BS 8629 Code of Practice, we have consulted with fire industry experts involved in developing the standard. Both Trivallis and the residents of Tiger Quay can now rest easy knowing that they have the latest and most sophisticated fire evacuation equipment installed in their homes."

BS 8629:2019 is the new Code of Practice for the design, installation, commissioning and maintenance of evacuation alert systems for use by fire and rescue services in England. In place since November 2019, this code of practice recommends the installation of a dedicated evacuation alert system intended for the sole use of the fire and rescue services and separate from the building's fire alarm system. New high-rise residential developments are among the buildings being prioritised for evacuation alert system installation. Although not yet a legal requirement in England, Wales and Northern Ireland, EACIE installation is



already mandatory in new buildings containing flats over 18 metres in Scotland and considered best practice by a number of fire and rescue services.

Advanced, owned by FTSE 100 company Halma PLC, protects a wide range of prestigious and high-profile sites across the globe – from London's Shard to Abu Dhabi International Airport and the Hong Kong – Zhuhai – Macau Bridge.

Advanced is a world leader in the development and manufacture of fire protection solutions. Advanced's reputation for performance, quality and ease of use sees its products specified in locations around the world, from single-panel installations to large, multi-site networks. Advanced's products include complete fire detection systems, multiprotocol fire panels, extinguishing control, fire paging, false alarm management and reduction systems as well as emergency lighting.

Halma is a global group of life-saving technology companies with a clear purpose to grow a safer, cleaner, healthier future for everyone, every day.

0345 894 7000

www.advancedco.com



The importance of fire doors and inspections



**FIRE DOORS
SAVE LIVES.
CAN YOURS?**

Fire doors save lives & protect property. But if they're damaged from frequent or improper use, it can render them ineffective. Regular, stringent inspection and maintenance is needed to ensure that they will perform as intended in the event of a fire.

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A fire door is an engineered safety device that is a crucial part of the passive fire protection of every commercial, public and multiple occupancy building. A fire door acts just as any other door in normal service, in a fire it takes on a critical role – to save lives and protect property. It does this by holding back the spread of fire and smoke through a building for a designated period, giving time for building occupants to escape.

A fire door is not just the door leaf. It is a complete assembly comprising: the door leaf and frame, any glazing, intumescent fire and smoke seals; along with ironmongery that is used on the door, such as hinges, overhead door closers, latches and locks. Fire doors can easily become damaged when they are in regular use; which may affect their performance in the unfortunate event of a fire. And just like other life safety devices, such as fire extinguishers and alarms, fire doors and final escape doors need regular, stringent inspection, maintenance or replacement to ensure that they will perform as intended in the event of a fire.

In 2006, the Regulatory Reform (Fire Safety) Order 2005 came into force in England and Wales; transferring the responsibility for Fire Safety from the fire authorities to whoever has day-to-day control of building premises – this is known as the 'Responsible Person'. This person must take steps to reduce the risk from fire; consider how to contain a fire should one break out and ensure people can escape safely. They also need to be able to identify a Competent Person i.e. knowledgeable, qualified professional who can undertake preventative and protective measures, such as Fire Door Inspections, if they're not confident to do so. Compliance with the RRO is a legal requirement. Failure to comply with RRO is a criminal offence and can lead to prosecution, large fines and even imprisonment.

Lorient also welcomes the new Building Safety Bill, which will drastically overhaul building regulations in England and Wales. Introduced in the House of Commons on 5 July, the bill is the next step in ground-breaking reforms that will create lasting generational change and set out a clear pathway for how high-rise residential buildings

should be constructed, maintained and made safe. Considerations such as fire door safety maintenance will come to the fore as part of the new bill.

Operating across the UK, Lorient offers a professional and expert fire door inspection service. Lorient Fire Door Inspectors are fully qualified under the Fire Door Inspection Scheme (FDIS); and have been assessed by Warringtonfire, an independent third party. Certificated to carry out the inspection of a building's fire doors; Lorient Inspectors use an app to record findings throughout the survey. A detailed report is provided covering the condition and functionality of the fire doors on the premises; with necessary remedial action required. The experienced team have worked on projects from schools, hospitals to large commercial buildings.

For further information about Lorient's range of products and its Fire Door Inspection Services please contact the company.

01626 834252 lorientuk.com



Canary Wharf office complex upgrades to Advanced protection

A host of industry-leading fire protection solutions from UK manufacturer, Advanced, have been installed to protect approximately 140,000 ft² of Grade A office space at Westferry House, Canary Wharf.

As a cornerstone office building situated at the western gateway to Europe's largest and most successful business district, Westferry House consists of 11 storeys, complete with its own retail promenade on the ground floor. At the core of the active fire protection for the building are six Advanced MxPro 5 fire alarm control panels installed alongside Apollo Soteria multi-sensors.

Responsible for all aspects of the installation, as well as the future maintenance of the system, are Advanced partners, Pacific Security Systems Ltd. The Kent-based fire and security specialists installed the MxPro 5 fire panels alongside Advanced's remote-control terminal and repeater panel, TouchControl, to provide a discreet and aesthetically pleasing means of viewing the fire system in the building's recently refurbished reception area.

Advanced's AdSpecials team was also commissioned by Pacific Security Systems to design and manufacture a custom-built annunciator panel to control the pressurisation and extraction fans and dampers on all floors of the building. The annunciator also integrates with the building's VA/PA system to provide manual control of messages on all floors.

Kirk Short, director at Pacific Security Systems, said: "As long-time installers of Advanced with many successful projects, large and small, under our belts, we know its solutions are both reliable and user friendly. The bespoke equipment we required for the



fire system upgrade at Westferry House is of an excellent standard, and we found the AdSpecials team very easy to work with throughout the entire design process."

Advanced's AdSpecials team works with customers requiring bespoke fire panels to design and manufacture unique fire system solutions, whatever the installation challenge.

Amanda Hope, UK fire business development manager at Advanced, said: "Canary Wharf attracts some of the World's most respected and successful companies, and it was fantastic to learn that our solutions have been installed in such a prestigious commercial office space. Westferry House is just a stone's throw from the Landmark Pinnacle – the UK's tallest residential building – another iconic site protected by Advanced's MxPro 5 panels."

"Westferry House is also a fantastic example of where our TouchControl solution comes into its own, providing additional monitoring and control in a sleek and versatile format, that complements the building's stylish reception space."

TouchControl is the low-profile, high-resolution touchscreen repeater that makes it easy to check fire system status via interactive maps and zone plans, while harmonising with a wide range of interiors. When in standby, it can be used to display branding, advertisements and information,

but will instantly revert to fire operation when a fire condition occurs.

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Halma is a global group of life-saving technology companies with a clear purpose to grow a safer, cleaner, healthier future for everyone, every day.

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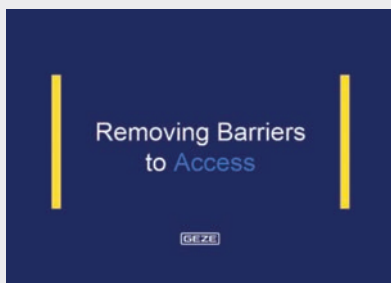
Ensuring Access for all

GEZE UK's popular RIBA-approved CPD Removing Barriers to Access has been completely revised and updated and includes new visuals and updates to regulations all in GEZE's new branding.

The CPD looks at why door controls are needed, explains the various standards and regulations that apply, where and when to use a manual door control or an automatic operator. It looks at self-closing devices for fire door applications and the benefits of electro hold-open devices. The seminar also explains the benefit of automatic doors, the different types and their suitability, as well as their potential danger points.

Offering architects and specifiers invaluable advice and guidance, which contributes to their continuing professional development, this updated training seminar gives a better understanding of the requirements of specifying door control devices to make buildings accessible to everyone.

The 40 minute seminar covers all the relevant standards and regulations and is



included in RIBA's core curriculum: Access for all, Compliance, and Designing and building it.

It can be presented in person or virtually via a variety of online platforms and at a time to suit, usually lunchtime but breakfast seminars or afternoon sessions can be accommodated.

National Specification Manager Richard Richardson-Derry said: "The Disability Discrimination Act 1995 and its replacement 'The Equality Act 2010' has rightly enshrined in law that a disabled person must not be discriminated against and

has the same opportunities as every other member of the public. This includes access to shops, restaurants, theatres, hospitals or any public building.

This seminar provides detailed guidance on how architects and specifiers can do just that."

RIBA Chartered Architects are obliged to undertake a minimum of 35 hours a week to maintain their competence: www.architecture.com

Other presentations offered by GEZE UK, include EN 16005 – Safeguarding Pedestrians from Accidents at Power Operated Doorsets; Designing Effective Natural Heat and Smoke Ventilation, Glass Door Assemblies – Selection and Specification, and Specifying, Installing and Maintaining Ironmongery for Fire Doors.

To find out more or to book a CPD seminar, email cpd@geze.com or visit www.geze.co.uk/en/services/trainings-and-seminars-cpd

01543 443000
www.geze.co.uk



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F58 PLUS 'No time to wait' LVT adhesive



F. Ball and Co. Ltd's new Styccobond F58 PLUS is a fast-drying, fibre-reinforced, pressure sensitive adhesive that is ideal for the installation of LVT floorcoverings. Its fast-drying formulation enables LVT tiles and planks to be secured from just five minutes following application of the adhesive, allowing for a much speedier installation time.

Developed as a 'transitional' adhesive, Styccobond F58 PLUS transitions from a wet-lay adhesive when initially applied to a subfloor, through a semi-wet stage to become fully pressure sensitive. The reinforcing fibres in the formulation provide resistance to lateral movement, holding tiles firmly in place and reducing the potential for them to slide around.

01538 361 633 www.f-ball.com



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Security and safety with SWF

Steel Window Association (SWA) member, Steel Window Fittings (SWF) specialises in providing quality, design-led fittings for steel window frames. A recent innovation to answer questions of aesthetics, security and longevity is a range of multipoint locking handles. The multipoint locking range is currently available for windows with door frames following soon. With this new system, security is greatly improved, durability is enforced and larger windows can be designed and produced. The concealed system is driven by a single key-locking or non-locking handle that is available in five different designs and six standard finishes.



www.steel-window-association.co.uk



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"CaberDek does exactly what it needs to!"



When Somerset-based Alan Williams of Apache Carpentry was asked to work on a development of three high-end residential properties near Winsham, Somerset, he knew just the product to call on for the flooring. "We chose CaberDek because it is such a reliable

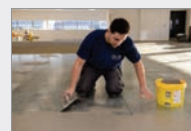
and easy to use product at a competitive price" said Alan. Having expertly constructed the timber framework, Alan used West Fraser's CaberDek on top of the joists on the first floors of the three buildings. Taking care to space the joists with the board sizes in mind, and using CaberFix D4 adhesive, Alan finds he gets great results every time!

uk.westfraser.com



LISTEN HERE

F.Ball delivers flawless flooring



Stopgap subfloor preparation products from F. Ball and Co. Ltd. and the company's Styccobond F44 acrylic adhesive have been used to create a laboratory-standard flooring finish at a new facility for international laboratories operator Tentamus Group, at

Pride Park in Derbyshire. Contractors from JDF Flooring used F. Ball's dual-purpose Stopgap Fill and Prime and Stopgap 1200 Pro levelling compound to prepare 1,500 m² of metal raised access panels over two floors before installing vinyl sheet safety flooring throughout. The upper floor was partitioned to create multiple laboratories.

01538 361 633 www.f-ball.co.uk



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Does your Resilient flooring have a hygiene problem?

Bona®

At Bona we are passionate about finding new innovative solutions in all areas we are involved in and are now able to offer a comprehensive range of sustainable, high-performance products and systems for resilient flooring. We have applied our expertise with coatings and maintenance products to create a totally unique program for caring for and maintaining resilient flooring effectively and with minimum disruption. Our high-quality Care program allows the ongoing maintenance of resilient vinyl, PVC, linoleum, and rubber floors to ensure continual performance and also allows floors to be transformed when worn or degraded, rather than replaced. In heavy traffic scenarios surfaces can be sealed for additional durability and long-term protection.

Floors face a range of challenges; from busy airports to hotel lobbies, which require a pristine appearance, to hospitals and kitchens that demand the highest levels of hygiene. Our simple system allows the professional to tailor a maintenance regime to the specific requirements of each floor.

In terms of preserving the life of a floor's surface, regular cleaning is the key. Bona's cleaning treatment works effectively without harming the surfaces or the environment. However, over time and with heavy wear and stubborn stains, an occasional deep clean may be necessary. Using the Bona PowerRemove R with the Bona PowerScrubber solves this issue, reviving resilient floors without the inconvenience of disruption due to renovation.

Over time, repeated deep cleaning and the heavy trafficking regime may diminish the appearance and quality of the surface. The application of a new protective layer restores the original lustre and prolongs the life of the floor. Safe, quick and easy, Bona's protective treatment restores floors bringing them back to life rapidly. Prior to the introduction of the protective layer the floor would be subjected to deep cleaning.

Some resilient floors become damaged and heavily worn, often patchy in appearance. Traditionally this would be the point where the floor is replaced. However, with the unique Bona Recoating treatment, vinyl, PVC, linoleum, and rubber floors can be



resurfaced quickly. This process can involve a complete transformation of the floor as it can be recoloured, using Bona Pure Colour, before protective layers of a transparent coating, Bona Pure or Pure HD are introduced. By renovating the existing surface rather than replacing it, a lengthy installation period is avoided along with the inconvenience of disposing of the old floor.

The Bona Resilient System can also be used for coating new resilient flooring, such as LVT, following installation. The primary difference with LVT compared to other types of resilient flooring, is the fine cracks between adjacent LVT elements. Resilient flooring such as rubber have welds where the sections meet, providing a continuous, sealed surface. This prevents moisture ingress but also renders the surface easier to clean and specifically, prevents microorganisms from occupying these areas of the floor.

A renovated floor also means a healthier floor. Renovating ensures that bacteria and microorganisms are eliminated – even those hiding in joints, scratches, and other hard-to-reach areas. Independent testing verified that a smooth, joint-free LVT surface can be created using Bona Deep Clean and Bona Pure, securing a hygienic floor according to the regulations of Technical Rules for Biological Agents (TRBA).

We commissioned a study on the use of the Bona Commercial System on LVT flooring – typically used in hospitals and other hygiene sensitive areas. The test was carried out in conjunction with the IFR Institute in Germany. The purpose of the test was to prove that a smooth, joint-free surface, as set out in the rules of the German TRBA standard, can be created by over-coating with Bona Pure.

The first step of the test was to install a range of new LVT wood effect flooring. The next step involved dividing the test area into two sections and coating one with Bona Pure, while the other was left untreated. A solution containing fluorescent pigments was then applied daily across the whole floor and cleaned using the Bona PowerScrubber and Bona Deep Clean Solution. Daily contamination with the pigments followed by cleaning was carried out over a period of 8 weeks. At the end of the test period, UV lights were used to expose the levels of contamination on each part of the floor. The part of the floor not treated with Bona Pure showed high levels of contamination. The part treated with Bona Pure showed hardly any. To prove the test results further, the LVT planks were removed to examine for signs of contamination below the surface. On the



untreated area, a high level of contamination was found below the planks due to penetration through the joints. However, the area treated with Bona Pure showed almost no signs of contamination thanks to its protective layer which seals each joint.

With increasing amounts of LVT being installed it is likely that customers are going

to be keen to ensure the surface is as clean and hygienic as possible. The Bona Resilient System offers a simple and effective solution, in addition to extending the life of the flooring itself.

01908 525 150
www.bona.com



LISTEN HERE

Bona launches new range of sport floor treatments

Bona®

Great games come from great performance. With a long track record in sports floor treatment, Bona's range of solutions continues to grow. From national top leagues and enduring multisport halls to engineered wood basketball courts and resilient handball surfaces – Bona SuperSport beats industry requirements and exceeds expectations.

Bona are proud to introduce a system of premium sport floor finishes including one that allows players back on floors in just 24 hours! The new Bona SuperSport system comprises a compatible range of top-coats and primers for wood, resilient sport and multi-use floors, plus vibrant line marking paints and surface cleaners. With the Bona SuperSport System, there's no need for compromise in terms of style or visual impact on wood or resilient flooring. Bona offers a wide range of vibrant, mixable colours to help you achieve a wide array of visual expressions.

New SuperSport HD is a premium, two-component waterborne wood floor lacquer, designed to provide a highly durable coating for busy sport or multi-use floors. The



FIBA and GREENGUARD certified formulation is ideal for use as part of a Bona Silver Maintenance Programme, which avoids ever having to sand the surface back to bare wood, and thereby saving expensive downtime. Floors treated with Bona SuperSport HD can be put back into use in just 24 hours!

For newly sanded, sport-specific wood floors, choose new Bona SuperSport One. This tough, one-component formulation also carries the FIBA and GREENGUARD certifications.

For resilient sports surfaces Bona offers SuperSport Pure HD, a new topcoat that restores surface friction and allows players back on the floor in just 24 hours. The new SuperSport range also includes a fast-drying line marking paint, available in 10 vibrant colours; and two highly effective cleaners for use on both wood and resilient surfaces. Choose SuperSport Cleaner for daily cleaning and SuperSport Deep Cleaner for the periodic removal of scuff marks and to de-grease the surface. High-impact force and heavy traffic are all part of the game for sports floors. Durability and special care protective coatings are vital to ensure their competitive edge.

FIBA is the world governing body for basketball whose objective is to achieve a high standard of quality, safety and

technology for the athletes and public involved in the sport. Bona is proud to be a FIBA Equipment & Venue partner and approved supplier of finishes and maintenance products for wooden sports floors. The products' GREENGUARD certification proves they are very low chemical emission products, whose use will contribute towards the interior air quality of the facilities where they are specified.

Technical Manager at Bona, Alec Stacey, said: "With our new Bona SuperSport system, we are offering flooring contractors, facility managers and owners of wood and resilient sports and multi-use floors a total system of finishes, paints and cleaners. All are safe and easy to use and designed to reduce downtime and get users back on the floor fast. The Bona SuperSport System is developed with the contractor in mind. From primers and finishes to paints and cleaners, everything is developed with full compatibility in mind, to ensure the best results in minimal time. A sports floor places very specific demands on paints and finishes. Unlike ordinary wooden floors, sports floors are subject to intense impact, movement and flexing due to the tempo of modern sports. The Bona SuperSport System offers practical solutions for high demanding sports surfaces"

info.uk@bona.com www.bona.com



The importance of specifying the correct floor for dance and dance education

Whether you are specifying a dance floor for the world's leading dance companies or for classes in schools, colleges or universities, the same fundamental criteria apply. Wherever a student chooses to study dance, it is important to make sure that the learning environment is equipped to professional standards with sprung floors, mirrors and barres.

Sprung floors

Choosing the correct dance surface is vital for dancers' health, safety and artistic performance. All sprung floors are not the same and understanding the differences between various types of floors is important.

Experts in biomechanics have established a link between the quality of a dance floor and the likelihood of injury, demonstrating that a floor with a consistent response and the correct degree of 'traction' is vital.

The Performance Surface

One of the main attributes that dancers look for in a floor is slip resistance or 'traction'. Although athletes share the risk of slipping and falling, they are generally protected by their footwear from floors that might be considered a slip hazard for dancers.

Harlequin floors are the performance floor of choice for the world's most prestigious dance and performing arts companies, theatres, venues and schools. Harlequin's reputation is founded upon the design, manufacture and supply of a range of high quality sprung and vinyl performance floors specified by the world's leading venues.

Case Study Kingston University – The Town House

A recent Harlequin project was the new Town House building at Kingston University.

Designed by RIBA 2020 Royal Gold Medal winner and Stirling Prize nominated Grafton Architects and constructed by Wilmott Dixon Construction, work on the £260m project started in 2017 and was completed in January 2020.

The new facilities transformed the entire estate including a performance auditorium and teaching space and three specialist dance



studios. For the three studios Harlequin supplied and installed a fully floating Harlequin Activity sprung floor with Harlequin Cascade and Harlequin Standfast vinyl performance surfaces totalling over 330 square metres. Harlequin Ballet Barres and Harlequin Mirrors completed the dance studio facilities.

In the Performance Teaching Space, a Harlequin WoodSpring sprung floor system with a Harlequin Standfast vinyl top surface was supplied and installed to an area of over 180 square metres.

Jason Piper, Associate Professor of Performing Arts at Kingston University said "I'm always reassured by the quality and consistency of Harlequin floors. All the floors are of the highest quality and allow teachers and students to move with confidence, happy in the knowledge that resistance and shock absorption is consistent across the entire floor and safe across all expected levels of humidity. The mirrors are huge and provide distortion free reflection and virtually seamless joins".

Ensure correct specification

Harlequin is the global brand leader for sprung and vinyl performance floors and has an enviable portfolio of dance and education clients from top universities and dance schools to the world's leading dance companies including the Royal Opera House and Royal Ballet, Paris Opera Ballet, Houston Ballet and New Zealand Ballet.

Harlequin has over 45 years' experience manufacturing, supplying and installing professional performance floors and offer a wide range of sprung floor systems and vinyl performance floors to meet every requirement.

01892 514 888
www.harlequinfloors.com



Spiral UK create a 6 storey helical staircase in the heart of London

Spiral UK were pleased to create an incredible helical staircase through the centre of a central London building, built to look like it was part of the original structure but standing out for its subtle detailing and strong form.

The Grade I Listed building at 21 St James' Square was the work of The Ritz designers, Mewes & Davies, in the 1930s, who mirrored number 20 next door, emulating the work of esteemed British architect, Robert Adam, from the 1770s. In 2018 it went through a substantial and thorough redevelopment to become an exclusive and opulent office building.

A study in luxury, the bespoke interior has a stylish, timeless elegance celebrating its historical significance and highlighting opulence and exclusivity. The fit out could not have been any higher in specification and the result is perfection. In the middle of this we installed our helical feat of engineering for private equity firm, Cinven, who made the upper 6 floors their headquarters. Property agents, Allsop, said of the fit out: "21 St. James' Square has been designed to create a striking arrival experience... encompassing





contemporary styling that emphasises the exceptional period design. The offices have been completed to a high specification, with luxurious interior finishes...sought to exceed the expectations of modern occupiers to create light, well configured space, whilst being sympathetic towards the building's classical, regal architecture."

One of the most expensive postcodes in the UK, the previous inhabitant list reads as a 'who's who' of British history, with even the Queen Mother of Elizabeth II residing there from 1906 to 1920.

That is why Spiral UK were honoured to be contracted for the feature staircase that winds its way up through the centre of the old building. A stair of this height is ambitious in itself, but this design was helical in nature, bringing with it a host of engineering and fabrication challenges. Helical stairs appear to be defying gravity as they arc through a space and cause tension points where they tether to a structure.

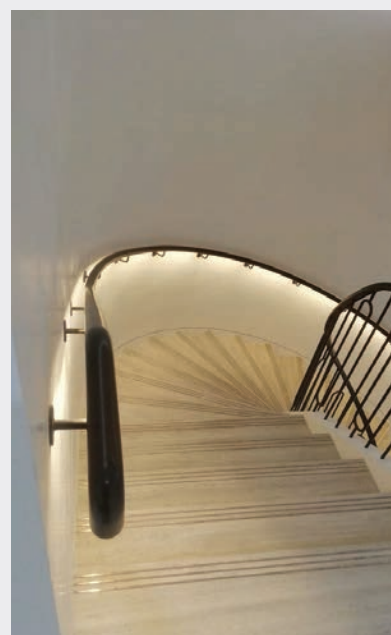
This particular design allowed for hidden support in the surrounding wall, the mild

steel structure cantilevering out leaving an atrium space down the centre of the stair, adding drama and wow factor. Gazing up from the ground floor, the dark balustrading contrasts with the white plaster work, accentuating the shape as it spirals upwards. The outer handrail is underlit by LED lighting cleverly concealed within the timber, mirroring the strip-lighting that curves around the edge of the soffits and reflecting off the brass nosing strips set into the vein cut Silk Georgette stone of the treads.

It is no-expense-spared details such as these that make for such a polished finish, where these contemporary stairs look like they have always been a part of the fabric of the building yet manage to integrate modern features.

Overall, Spiral UK are very proud of the outcome and pleased to have been a part of the on-going history of this iconic building.

www.spiral.uk.com
0330 123 2447
info@spiral.uk.com



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IVC Commercial overcomes the challenge at London offices

When the poor subfloor condition of a London office building presented a challenge, IVC Commercial provided the solution in LayRed 55 engineered vinyl flooring.

The Upper Street, London offices of real estate investment firm, Cain International have been redesigned by award-winning design and build firm Modus Workspace, using IVC Commercial's LayRed 55 engineered acoustic vinyl flooring. Delivering a workplace that has a home-like feel and captured a 'modern heritage' look, Modus Workspace opted for the durability and maintenance of vinyl flooring for the first, second and third floors of the office.

Ali Mackechnie, project designer, Modus Workspace commented: "We wanted to create a residential feel to the offices and so took inspiration from the classic style of wooden floors. We wanted a vinyl plank that could withstand high traffic in Cain international's busy offices."



On removal of the old floorcovering during the build, the subfloor revealed its poor condition and so contractor, Medifloor, was tasked with finding the solution. It took the usual remedial actions of repair and re-screed, but also recommended the use of IVC Commercial's LayRed 55 engineered vinyl flooring.

Featuring a rigid core and built-in underlay to combat uneven subfloors, LayRed 55

is IVC Commercial's fast and easy to install Luxury Vinyl Tile solution. Durable, easy to maintain, quiet and comfortable underfoot, it is ideal for overcoming installation problems while delivering a high-performance floor.

Jim Gordon, Medifloor, explains: "The subfloor was problematic and very uneven. We repaired and re-screeded as is normal practice, but also recommended LayRed 55 as a way of ensuring that any remaining unevenness didn't impact on the final finish, as vinyl plank floors are particularly sensitive to subfloor condition. The click fit also helped us to minimise installation time."

Available in true-to-life wood and stone looks, including the classic grain of Blackjack Oak chosen by Modus Workspace, LayRed 55 is made from 30% recycled content in Belgium using renewable energy.

www.ivc-commercial.com
www.modus.space



Design and value objectives met at Vita Living Circle Square

IVC Commercial Luxury Vinyl Tiles have been specified at Vita Living Apartments, Circle Square, Manchester.

Standing on a former BBC site, the new Circle Square neighbourhood is at the heart of Manchester's construction boom. As part of the development, Vita Living Apartments provides high-quality rentable accommodation and a superb range of amenities for tenants wanting vibrant city centre living.

Luxury Vinyl Tiles from IVC Commercial feature throughout Vita Living Apartments. Upon completion of the development, more than 50,000 m² of Belgian-made Luxury Vinyl Tiles will be installed throughout living areas, corridors and amenity areas.

Following on from four other successfully completed projects, Vita Living's own development team selected a range of authentic Luxury Vinyl Tiles that utilise a performance 0.55 mm wear layer construction designed for commercial environments – an



ideal balance between a design that creates a marketable interior and a finish that delivers excellent long-term value.

For apartment living areas and bathrooms, Moduleo 55 Woods was chosen to provide a home-like feel, while Moduleo 55 Tiles and Moduleo 55 Expressive were selected for amenity areas. Creating a stand-out feature around lift areas, Vita Living's development team opted for Studio Moods in a small herringbone laying pattern.

The development team at Vita Living says: "We wanted a floor that underlined our ethos of high-quality accommodation and IVC Commercial's Luxury Vinyl Tiles supported that. The authentic look provides an important connection to natural finishes, while staying easy to care for which is an important consideration. The floor's durability also helps to prolong replacement due to wear, helping us to provide investors with a building that delivers better value."

Moduleo 55 features 50% recycled content from IVC Commercial's in-house recycling facility and is made with renewable energy from the manufacturer's own wind turbines. All raw materials are sourced from a 100% European supply chain for assured quality.

Installed by Active Flooring, the project demonstrates the ability of IVC Commercial to meet the service demands of large-scale projects.

01332 851 500 www.ivc-commercial.com



Matt Fjord Green and Matt Grey added to Sento - Vitra's Scandi-style bathroom range

Sento, the Scandinavian inspired bathroom range from Vitra Bathrooms, has been extended to include a striking Matt Fjord Green and a stylish Matt Grey finish. The new matt finishes complement existing matt palettes of Anthracite and White. The Vitra Sento range features delicately rounded profiles, with Oak accents in sizes and furniture combinations that can be tailored for small bathrooms and scaled up to suit the largest.

Sento furniture units can be mounted with or without oak legs and there is the option to

mount one of the storage units onto a stylish oak console table. Washbasin vanity units are available in different widths (50 cm, 65 cm, 80 cm, 100 cm) as well as a double washbasin unit (130 cm). The washbasins have deep bowls, a large vanity area and back rim features. LED sensor lighting under the washbasin units adds to the feeling of space and creates a reassuring glow at night. Soft close drawers that fully extend are complemented by non-slip mats in all drawers and glass shelves throughout the range. Stylish storage options include a tall unit, laundry unit, wall cabinet and mid unit.

In addition to the wall-hung WC, there are close-coupled and back-to-wall WC options. The slim WC seats and cistern lids add elegance and clean lines. WC pans with Rim-ex technology are available within the range, which helps prevent the spread of germs thanks to its easy to clean design.

01235 750990 www.Vitra.co.uk



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Magply A1 boards selected for fit out of London apartments



One of the UK's premier housebuilders has switched to specifying Magply boards as part of the wall construction, within the exterior elevations for an apartment development in a prime West London location, chosen in place of the plywood alternative because of the MgO boards' outstanding physical characteristics and other practical benefits. Royal Warwick Square is a development by St. Edward – a joint venture company owned by M&G Investments and Berkeley. The scheme is part of the Warwick Road Masterplan. With work near to completion, Watford based PIB Contractors has been installing the Magply boards, supplied through MP Moran of Watford as 'pattresses' or backing blocks for fixings, within the light gauge steel wall panels. The pattresses are sized and positioned in line with a pre-designed layout: facilitating the hanging of fixtures and fittings like shelves, radiators and kitchen units. St. Edward is amongst a growing number of sector specialists turning to IPP Ltd. and its Magply range. Backed by BDA Agreement certification, Magply MgO boards present a fire-safe and environmentally friendly alternative to conventional plywood or OSB products.

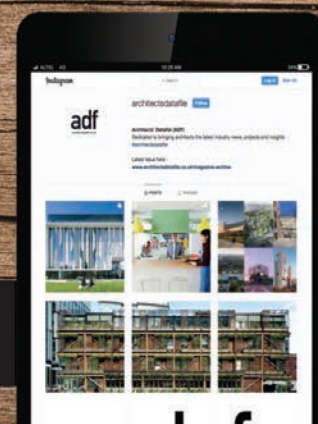
01621 776252 www.magply.co.uk



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Award winning access to the roof terrace by LAMILUX



In densely populated urban areas of the cities, where the number of floors in housing is sometimes limited and private gardens are rare, a rooftop terrace or patio is becoming a popular design choice. For such rooftop projects, a new dimension of roof access is offered by the LAMILUX Flat Roof Access Hatch Comfort range, designed to give a generous daylight intake in attic apartments alongside convenient access to the roof terrace creating an air of grace and beauty both internally and externally. Featuring unrestricted use as a natural ventilation device and convenient access to the roof terrace, the indoor climate also benefits from the high energy efficiency of the range thanks to the thermally broken frame and excellent air tightness values.

The fourth, and newest addition to the Access Hatch Comfort repertoire the Square, makes it possible, for the first time, to also use spiral and platform staircases underneath. Until now, access to the roof was



limited to straight stairways due to the elongated rectangular shape of the roof access hatch range. The Square only takes 45 seconds for the concealed hydraulic drives to silently open the 4 m² glass element of the skylight by 70°.

The new Flat Roof Access Hatch Comfort Square is the latest LAMILUX product to



become an impressive recipient of the Red Dot Design Award in 2021, where the international jury only award the coveted seal of quality to products that exhibit outstanding design.

01284 749051
sales@lamilux.co.uk



Affordable housing given superior vapour barrier and airtightness solution

A series of 10 newly built affordable Council houses in Montrose, Scotland has been fitted with a high-performing variable-permeability vapour control layer from the A. Proctor Group. Procheck® Adapt is designed to protect the building fabric from the potential risks of condensation and act as an effective airtight barrier. Contractor, Andrew Shepherd Construction proposed the use of the Procheck Adapt available from the A. Proctor Group, who has been serving the construction industry for 50 years with an extensive portfolio of technically advanced thermal, acoustic and membrane products. Thanks to its unique design, the Procheck Adapt membrane offers variable permeability which adapts to changes in humidity levels and allows the structure to dry out in the summer and in sunny days during spring and autumn while protecting it from moisture overload in the winter. This is possible because the membrane adapts its vapour resistance to the environment i.e., vapour tight in the winter and more vapour open in the summer. This ensures that the building fabric is protected from damaging moisture levels during cold, wet winter months, and allows the fabric to dry out effectively in warmer, drier months. The introduction of Procheck Adapt will ensure that it provides a high level of protection throughout the lifespan of the properties.

01250 872261 www.proctorgroup.com



Curved Marmox Multiboards facilitate cylindrical facade for Kent property



The developer building a private property in the town of Westerham, has made full use of the flexible version from the Marmox Multiboard range in creating a two storey, drum-shaped elevation that is being finished using a proprietary render system. THS Homes Ltd. is building the £1.4 million three-bedroom, timber-framed home on a site where a previous dwelling has been demolished. Parker Building Supplies – a major stockist of Marmox products for wet rooms and other applications – supplied 50 of the 20 mm thick, 1250 x 600 mm boards to THS, whose own workforce fixed them over timber uprights at 300 mm centres, with a Tyvek membrane covering the main structural frame. The Site Manager for THS Homes, Tom Ellison, commented: “For the front elevation where we needed to create the quite tightly curved, rendered wall, we approached Parker Building Supplies as our main merchant. They basically advised us that Multiboard Curved was the only insulation board available which would bend to this sort of radius and offer a suitable substrate for the application of a Weber render system. The boards were easy to cut and fit and have proved ideal for the application.”

01634 835290 www.marmox.co.uk



Waterproofing specialists seal leaky basement

Waterproofing specialists, Severn Damp & Timber Preservation, installed a range of Triton Systems' materials to deal with water ingress around two skylights, formed within the concrete roof deck over a domestic basement that extended into the garden.

Following the report of visible signs of water ingress into the basement, a



waterproofing solution was designed to seal around the skylights and to encourage surface water to drain away.

The gravel was removed around the skylights and the exposed brittle and cracking plastic damp proof membrane was cut back. The area was then jet washed. Mortar incorporating Triton Trimix Resin, a water and salt resistant additive, was then injected around the skylights to fill any gaps. A bottle cove fillet of Triton Fillet Seal was then applied around the skylights and coated with two coats of Triton TT55 – applied as a waterproof slurry, extending over the deck to one metre around each. A screed, incorporating Triton SBR latex admix (to improve the durability and water impermeability of the mix) was then applied around the skylights and across the whole deck area, with falls laid to prevent standing water.

Finally, two coats of Triton TWS Fastcoat were applied (over a primer coat) followed by Platon Double Drain protection and drainage



membrane installed over the coated areas. TWS Fastcoat is a single pack, moisture curing polyurethane elastomeric resin. It cures as a fully bonded and seamless layer, offering continuous and flexible protection, capable of withstanding minor building movements without cracking.

info@tritonsystems.co.uk
www.tritonsystems.co.uk



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Sika launches total Green Roofing package



Sika has launched a complete Green Roof package, supplying both the high performance roof waterproofing system and the green roof system, all backed by its trusted technical and application support. Specifiers can now go to

Sika's roofing experts for the full spectrum of roofing technologies, from hot melt structural waterproofing and reinforced bituminous membranes to single ply and cold-applied liquid membranes, depending on what is best for the project in question, all of which can now be laid with a Sika Green Roof system on top. The new systems are available in three of the most common green roof types – extensive, intensive and biodiverse.

01707 394444 www.sika.co.uk/roofing



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Housebuilder & Developer website



The Housebuilder & Developer (HBD) website is an online provider of past and present products and news items for the housebuilder and developer. hbdonline.co.uk is a one-stop source for all the latest press releases providing any visitor with access to information about products and services that they may require. From the website, you can find links to digital issues that have live

links to advertisers' sites, as well as daily email alerts to keep you as informed as possible.

www.hbdonline.co.uk



Magply boards sheath structure to school

The new Sugar House Island Primary School in Stratford is making full use of the strength and stability to Magply MgO boards, which carry a full set of internationally recognised accreditations including BDA certification and which are widely specified for their excellent fire performance. To date, four full pallets of the 12mm version of the Magply boards have been delivered. The Project Supervisor for Openwood Facades, Sam Crockett, commented: "Although we have used small quantities of Magply before on other jobs, this is our first major project featuring them and we are finding them very straightforward to cut and fix." Magply offers a fire-safe and environmentally friendly alternative to conventional plywood or OSB products. The unique production process keeps the chloride content to just 0.01%, enhancing both stability and long-term durability.

01621 776252 www.magply.co.uk



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An education on exterior laminate

The new classroom extension to Hob Hill Primary School in Rugeley has been completed using MEG Exterior grade cladding in 781 Ash and 1831 Grey.

Designed by Seymour Harris Architecture and installed by Tetraclad, the extension encompasses new classrooms and staff room increasing capacity at this Ofsted highly-rated CofE and Methodist Primary school in the West Midlands.

The clever use of Ash woodgrain effect laminate fabricated into planks offset against



the darker grey boards which stand proud of the face contrast well together. MEG carries a BBA Agrément Certificate and F1 panels from 6mm and thicker are rated Class B-s1, d0.

This scheme is a perfect example of MEG in action where the need for high performance and durability is married up with low life-cycle costs and aesthetic design. Recent site surveys on several schools a decade after installation have highlighted the remarkable weatherability of MEG with the panels looking the same as when first installed.

The range comprises 58 colours and 29 woodgrains together with 5 concrete and metal effect finishes. MEG is also able to incorporate Abet's digital printing technology. This means that almost any design, photograph or pattern can be reproduced in stunning detail to give architects and designers unparalleled freedom to create unusual and dramatic building facades.

MEG is a self-supporting high pressure laminate (HPL) for cladding the exterior of buildings, balconies and other applications. It



features high resistance to temperature, climate shock, weathering, UV light and impact. Furthermore, its chemical resistant nature and closed structure do not allow paint in spray cans, various inks, emulsion paints, lipstick or pastel paints to penetrate into the decorative layer. This negates the need for any anti-graffiti treatment and makes the surface easy to clean.

020 7473 6915
uk.abetlaminati.com



BAL Waterproof 1C – the new one-coat solution

BAL, market-leaders in full-tiling solutions, have launched a new one-coat waterproofing solution for bathrooms, wetrooms and showers prior to tiling.

BAL Waterproof 1C is a ready-mixed tanking solution that can be used without priming on most common substrates and is ready to tile after only two hours!

Formulated with fibre-strand technology for improved strength, it can be applied in one-coat on walls and floors with a brush, roller or 4 mm notched trowel. No additional tapes or matting are needed as it is crack-bridging from 2-3 mm.

This innovative new product is lightweight with easy-to-apply rheology and provides excellent coverage of up to 6 m² – making it suitable for domestic shower rooms, bathrooms or wetrooms. BAL Waterproof 1C also has

sustainable benefits with Low VOC and using 40% recycled materials. As part of the launch, BAL is streamlining its current waterproofing solution by deleting BAL WP1 / BAL Waterproofing Kit – and old technology that will be replaced by the higher performing Waterproof 1C.

Continuing in the product range will be BAL Tank-it – a quicker setting 2-part powder and liquid product that can be tiled in only 90 minutes.

BAL Tank-it can also be used for large scale commercial projects and external waterproofing such as balconies and terraces.

Alex Underwood, Head of Marketing said: "BAL Waterproof 1C is a significant waterproofing innovation, greatly improving the performance of our former ready-mixed tanking solutions. In most instances, with no tapes or priming required, and



being applied as a one-coat solution, BAL Waterproof 1C provides an easy waterproofing solution to ensure tiled wet areas are compliant with British Standards."

Additional advice on waterproof tanking system requirements for domestic and commercial wet areas is also given in BS 5385 Part 4: 2015.

01782 591120
www.bal-adhesives.com



BUILDING INSIGHTS



A BRAND NEW PODCAST. LISTEN AT:
[BUILDINGCONSTRUCTIONDESIGN.CO.UK](https://www.buildingconstructiondesign.co.uk)



Cover image: Spiral UK
See page 14 for details