

ARTISTIC MERIT

HOW TATE BRITAIN
WON THE GAI/RIBA
SPEC AWARDS

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Sustainability in AI

INTERVIEW

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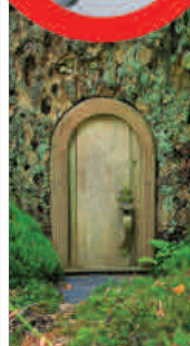
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LORIENT SUPPLIES HIGH END PRODUCT TO HADID PROJECT IN SINGAPORE



AAS4551 AURA THRESHOLD RAMP

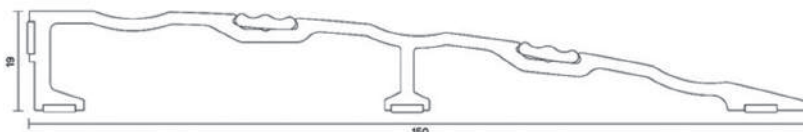


AAS7501 AURA PERIMETER SEAL

Lorient has supplied its high-end products from the AURA® range for a prestigious project in Singapore, designed by renowned architect Zaha Hadid. D'Leedon is a distinctive 36-storey condominium located in prime district 10.

Lorient supplied a mixture of AURA® threshold plates for the luxury build including the AAS4507. The range features a number of design details including a distinctive curved profile. It features a selection of drop seals, perimeter seals, door bottom seals, threshold plates and ramps.

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NEW SECURITY REQUIREMENT IN REVISED BUILDING REGULATIONS

For the first time in England, new Building Regulations require new homes to incorporate provisions to resist unauthorised access.

The new requirement, and the accompanying Approved Document Q to the Building Regulations covering door and window security, takes effect in October this year and will apply to all dwellings in England.

The new rule covers main entrance doors, windows and interlinked doors to integral garages in houses. The requirement also covers external entrance doors to apartment blocks and to individual apartment doors that open into common areas.

The Housing Standards Review is streamlining the regulatory process to increase the number of new homes being built. Achieving increased security of homes was a key aim within the review. Properties built after October this year will feature levels of security that will provide real defence against break-in attempts.

Approved Document Q can be downloaded from www.planningportal.gov.uk/uploads/br/BR_PDF_AD_Q_2015.pdf

For a more detailed look at what's involved turn to p30.

PLAN NOW FOR FIRE DOOR SAFETY WEEK

This year's Fire Door Safety Week will run from 14-20 September. Businesses are urged to support this campaign, now in its third year.

The annual campaign by the British Woodworking Federation, the BWF-CERTIFIRE Fire Door Scheme and the Fire Door Inspection Scheme (FDIS) aims to promote the importance of education in fire door safety and the role of correctly manufactured and installed fire doors.

The campaign is open to all organisations with a focus on fire safety, or who may have residents, tenants or other building users or customers who need to know how and why to use or maintain fire doors properly. Firms can pledge support online by running events, promotions and communications campaigns.

In 2014, 118 organisations participated – up from 60 the previous year. They came from all parts of the health and safety industry, the fire and rescue service, the property industry, facilities management, healthcare, education and many other sectors.

Campaign ideas included a story about Frances the Firefly by Aberlour, the Scottish children's charity, to communicate the need for greater fire door safety awareness. An all-day event at Lorient in Devon, brought together representatives from

the leisure industry, tourism, private landlords, local councils and building control to see a live fire door test, demonstrations of firefighting equipment and presentations on fire door safety and inspections.

A seminar at the Building Centre in London for more than 60 property surveyors, consultants, facilities managers and health and safety managers, launched the Week's activities. London Fire Brigade ran a major promotional campaign urging Londoners living in purpose built blocks or houses converted into flats, not to replace vital fire doors at the entrance to their properties with doors that don't meet the required safety standards.

Joinery firm TMJ Contractors was among several who committed to getting its project managers qualified through the FDIS diploma in fire doors.

The campaign reached 12.5m people; there were 7,500 views of the fire safety video on YouTube and visits to the Fire Door Safety Week website and more than 2,600 tweets.

To get involved in this year's campaign visit www.firedoorsafetyweek.co.uk

HOUSING ASSOCIATION IMPROVES TENANT SAFETY WITH FIRE DOOR TRAINING

Cambria Maintenance Services, part of Wales and West Housing (WWH) has put its staff through a FDIS Fire Door Awareness training course.

WWH manages more than 9,000 homes in 12 local authorities and spends around £10m annually with Cambria to ensure its houses are safe and well maintained. A key element of this work is the inspection and upgrading of the hundreds of fire doors.

Fire doors are a vital element of fire safety in any public or multiple occupation building. However, they are even more important when the buildings' users may have mobility or mental health issues that could affect swift egress in the event of a fire.

Carlo Vanderplank-Jones, Cambria's operations manager is keen to ensure that staff within Cambria are kept up to date with the latest fire door legislation and best practice.

"Attendees' feedback was extremely positive because they felt that, despite having been involved in the installation and maintenance of fire doors for many years, it gave them additional information about what to look out for to ensure their work made fire doors effective in the event of a fire," he said.

The half-day course attended by over 40 Cambria operatives, comprised presentations and discussions as well as practical inspections of some of WWH's fire doors to put the theory they learnt into practice.

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GAI PRESSES FAST FORWARD AT AGM

More than 120 people attended the 2015 AGM and conference in May at Tortworth Court, Gloucestershire. The AGM itself achieved record attendance levels and was a great opportunity for members to find out about the Guild's latest developments, while bringing together the industry's key players from both the manufacturing and distribution sectors.

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As always the event set out to strike a balance of business and pleasure, with some delegates enjoying a round of golf on the Friday afternoon, and many more joining a BBQ on the Friday evening. The BBQ was held in the magnificent Orangery and provided a great opportunity to meet with colleagues, customers and friends, old and new, in a relaxed setting.

Saturday's proceedings kicked off with the AGM and business session where the theme of 'Fast Forward' was evident throughout.

John Jefferies, the outgoing President, gave the opening address which summarised the huge progress made by the Guild over the previous 12 months. "Our primary focus over the year has been to undertake a strategic business review, followed by a structured and costed implementation plan that was ratified by the GAI Executive," he said. "It's been an extremely busy year, but I'm convinced our approach will make the GAI a stronger organisation."

Gary Amer, chief executive of the GAI, provided a detailed report to members on the fast moving developments at the GAI in its three strategic pillars of education, technical and community, including significant staff appointments and a highly successful new marketing and PR campaign (see page 12).

He also reported on the developments to create the GAI Education Hub, a transformational initiative which brings all of the GAI's education programme content online. It is being developed to provide the future solution for industry CPD, not just the Diploma, Gary explained. The Hub is due for launch in the autumn (see page 13).

David Stacey, the treasurer for 2014/15, presented the Annual Report to members and flagged up highlights in the GAI's finances, including a healthy growth in membership subscriptions, the continued popularity of its JobShop service, and strong financial reserves. He also thanked the many event sponsors who have supported the



GAI's community activities through the year.

Following the inaugural address by the new President, Maria Powell gave her presentation (see page 11).

Richard Noble OBE entertained delegates with an adrenalin-fuelled story of the world land speed record attempts over many years and the latest endeavours of Bloodhound SSC which aims to break the record once again and achieve top speeds in excess of 1,000 mph. >>>



The Bloodhound SSC (SuperSonic Car) has just announced that it will make its world debut on 17 November 2015 with a 200mph trial at Newquay Aerohub, Cornwall. The car will then be fitted with airbrakes and winglets ready to commence high-speed testing in Hakskeen Pan, South Africa, in summer 2016, when weather conditions will be optimal. Results from these tests will then inform the land speed record attempt.

However, this project is not just about speed and breaking records. The 'Fast Forward' theme of the GAI event took on a much more poignant meaning when Richard Noble explained how Bloodhound, and projects like it, can help address the chronic skills shortages in the industry. He showed how it is also about inspiring the next generation to pursue careers in STEM subjects by engaging them in an open and fascinating project, which sets out to achieve the seemingly impossible. The project reaches out to more than 100,000 school children every year.

Bloodhound SSC was "an unreasonable and disruptive aerospace and education company," explained Noble. He provided members with excellent insights into what attracted young people and captured the public interest, as well as how Bloodhound gained the political support it required, and

how they overcame problems with getting media coverage for what was otherwise seen as too technical for mainstream audiences.

Once the AGM formalities and speeches were concluded, on the Saturday afternoon, delegates enjoyed the glorious weather and a range of outdoor activities which included rage buggies, air rifles, scavenger hunt and chocolate making.

The weekend was rounded off by a black tie gala dinner, where presentations were awarded to the winners of the day's activities and concluded with dancing and more competitive spirit between guests as the giant scalextric and F1 simulator were unveiled.

Julian Newman, managing director of Oxford Ironmongery, said: "The GAI AGM is a fantastic way to meet with peers to exchange ideas and news and to talk through issues. Our industry is so diverse that the opportunities to get together are rare. GAI events present unique opportunities to talk about our respective businesses and the challenges we face in a friendly and social, but ultimately highly professional, environment."

He added, "The highlight for me was Richard Noble's presentation – it was absolutely fascinating. As an added bonus I have been subsequently discussing his AI requirements with him!"

Martin Prichard, Weldit's managing director, also found the day highly beneficial. "The success of my business is primarily down to our relationships with customers and suppliers and the GAI AGM lets me get together with them in a business-focussed but relaxed environment," he said.

"Attending these events is also a great way to keep informed about the GAI's progress and its plans for the future. I really enjoyed listening to the extremely inspirational Richard Noble but the whole weekend was magnificent. It was the best GAI event I've been to."



The GAI thanks its AGM sponsors: Lorient, Royde & Tucker, CES, ASSA ABLOY, GEZE, UAP, Allegion, Dorma, Exova, KABA, Leaderflush Shapland Laidlaw, Weldit, Carlisle Brass, Codelocks, Em-B, Frelan Hardware, HOPPE, Instinct Hardware, izé and Oxford Ironmongery.



Image courtesy of Flock and Siemens



NO GOING BACK TO A 2D WORLD, WARNS NEW GAI PRESIDENT

The 'fast forward' button for the door hardware industry has been firmly pressed by the new president of GAI, Maria Powell.

In her inaugural speech at the Guild's AGM in May, Powell, managing director of Lorient Group, called upon the industry to maintain momentum and a strong focus on the future, particularly on the young people who could be encouraged to enter the industry.

She also painted a picture of architectural ironmongery as an industry likely to be reshaped beyond recognition by rapidly accelerating developments in technology.

"In 10 years' time, we will all have staff who will take our prospective clients on a full sensory virtual tour of a proposed project, switching finishes and styles of ironmongery at the swipe of a screen or more likely a simple hand gesture," she said.

"Will an architectural ironmonger and an architect be able to experience a finished project, before it has even started, simply by donning wearable technology?"

"Will sets of architectural drawings transform at the click of a button into 3D printed models of the project? Will BIM ultimately become the tool that produces a schedule?"

"Will there even be a need for master key systems when all the data required to access zones or compartments in buildings is

individually programmed into each and every unique human being?" Powell asked.

Powell also highlighted the current impact of 3D technology in transforming the way designers, architects and manufacturers work.

"It is now simply the fastest way to bring a design from idea to reality," she said. "It's a technology taking hold at every level of architecture, construction and engineering, and across educational programmes. It's a liberating technology and it's abundantly clear that there is no going back to a 2D world."

She also pointed to changes within the structure of the UK and international architectural ironmongery industry, including a shift in the types of business that consider themselves to be architectural ironmongers.

"There are still the purists – traditional AIs, offering highly professional services to the construction sector – but you're more likely to find them today doing business in new ways, smarter ways and utilising technology more," she explained.

"There is also the emergence of hybrid companies, meeting demand for centrally-packaged delivery of doors, hardware and installation. There are manufacturers employing qualified AIs, and AIs who source or produce their own ranges of product. The boundaries are becoming increasingly blurred.

"This diversity gives us a bright future while acknowledging our rich heritage. The speed of change can sometimes be frightening, but embracing it, rather than resisting it is the only way to survive and thrive."

The new president used her speech to update members on changes happening within the GAI, including a total transformation of its education portfolio which will result in the new online GAI Education Hub (see page 13).

"We can't future-proof our businesses, but we can future-adapt them. My aim is to ensure that members are clear about what we stand for. To demonstrate beyond doubt the huge difference working with true professionals makes to their businesses."

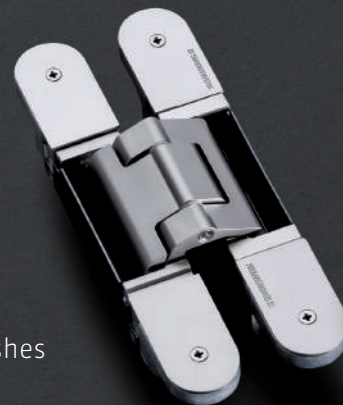
Powell has two years as president of the GAI.

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GARY AMER • GAI TALK

// With a new president having just taken the helm I've been reflecting on the enormous strides forward the GAI has made so far and the exciting time ahead with next year's business plan and its challenges.



Focusing our resources will be key to satisfying the plans and other expectations of the business. Our new in-house marketing, technical and training team, plus the other head office staff, provide me with the confidence that we have the people up for the challenge.

We are on the cusp of launching our first web-based, global education hub for the diploma programme that will change and enhance the experience of students all over the world. It will be a modern, accessible and dynamic resource and we are very excited that it's nearly here.

In the last issue of AIJ, there was an extensive report on this year's GAI/RIBA Architectural Ironmongery Specification Awards which saw a number of firsts. The first time that some members of the GAI submitted entries; the first GAI event where our new president Maria Powell took centre stage and presented the accolades to the award winners from the UK and abroad; and the first time an entry had been accompanied by a site video filmed by a drone!

Both before and after the event our PR team from Liz Male Consulting (LMC) worked hard to gain publicity for the awards, and the way in which they showcase successful partnerships between architects and architectural ironmongers. Their efforts resulted in coverage in two of the leading architectural titles – RIBA Journal and The Architect's Journal – as well as in the RIBA's own e-newsletter, which is distributed to its 28,000 members. The first time in my tenure that the GAI has appeared in these top flight titles.

This is just one part of LMC's strategy to raise the profile of the GAI and awareness of the value of GAI membership. It shows architects, specifiers, contractors, building managers and others the difference working with qualified architectural ironmongers can make to their business, their staff and, above all, their clients.

While it's relatively early days for the PR campaign, we are very pleased with the progress made so far including coverage in door and lock titles, glazing and security publications as well as health and safety and vertical sector magazines.

There's still a long way to go until we have reached our goal where clients automatically look for a GAI member company to supply and manufacture their architectural ironmongery. However, with strong media messages backed by a much improved AIJ, website and other communications, the direction is firmly set.

Gary Amer
Chief Executive, GAI

GAI LAUNCHES ITS NEW WEBSITE

The GAI launched its new website at the end of April and its total transformation has been very well received.

It is now much faster, easier to navigate and introduces a range of developments including:

- a fully-responsive design – aimed to provide an optimal viewing and browsing experience across multiple platforms
- a modern interface, optimised for user navigation
- a members' area with fresh and up-to-date content.

Analysis and user feedback showed the previous site was not performing as hoped. The new site offers better content management and user experience.

"We have been concerned that members were not aware of the wealth of technical information and intelligence available to them in the members' area. The new site addresses this and members have been given the 'key' to unlock this resource and take advantage of the value it provides," explains GAI chief executive, Gary Amer.

Lucy Apsey, GAI marketing manager who has spearheaded the project, said the new site is part of her aim to help the GAI and its members optimise the use of digital media and online communications.

If you have any feedback or suggestions please contact:
lucy.apsey@gai.org.uk



Cover Plate Hinges



Fast track to training

Keith Maer on the new GAI Education Hub and why major changes were needed

When the new academic year starts in September, members of the architectural ironmongery community will be able to take advantage of a brand new resource – the GAI Education Hub. This latest member benefit will be launched in a completely new online format. Those studying will be guided through the syllabus in a way that their predecessors have not experienced before.

The impetus for change was prompted by recommendations from a working party in 2011. The working group recommended that the core curriculum should consist of what the learner needs to know to be an architectural ironmonger; and that the method of delivery should be entirely online, be adapted and enhanced to include modern learning processes and be globally accessible.

These were bold steps that are entirely transforming the Diploma syllabus. So what's new? In summary:

- The new Stages 1 and 2 will be entirely online, including all course work and exams.
- Each Stage (1 and 2) of The Certificate in Architectural Hardware will consist of 12

modules that will focus on core curriculum in what a qualified architectural ironmonger is required to know.

- The 12 modules at each Stage will be arranged into four learning blocks with helpful explanations, animations, video clips, etc, all geared to engage learners in easily digestible chunks.

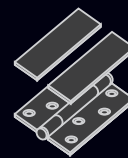
- Automation of exam results will ensure that learners know of their success (or otherwise) within days rather than weeks.

- Beyond The Certificate in Architectural Hardware learners can embark on Stage 3 to achieve the GAI Diploma. This part of the syllabus will focus entirely on the ability to be a professional practitioner in Scheduling.

- The Certificate in Architectural Hardware and Diploma syllabuses will be online and available to learners throughout the world.

Essential content, ease of understanding and global access are vital to the new Education Hub. This new resource from the GAI is taking learning into the 21st century: offering an enhanced, interactive learning platform to an international audience.

Keith Maer is the GAI education manager and past chair of the education committee. Last year he was awarded the GAI Medal for Outstanding Contribution – one of only five people ever to receive this accolade.



Simple clip on covers

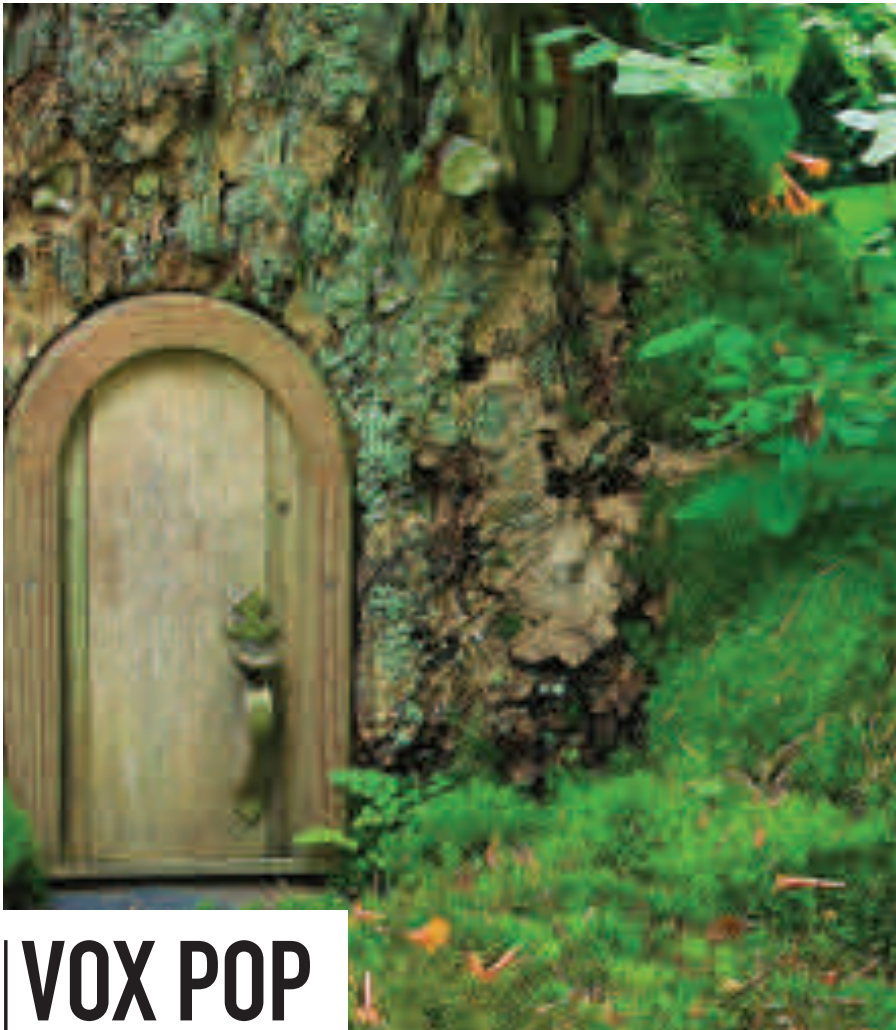
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VOX POP

Sustainability: Low carbon is high on the construction agenda but is demand reaching the AI industry?

Matt Daly

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MANAGER, ASSA ABLOY



With buildings generally accounting for around 40% of energy consumption in society, the focus on sustainability in the construction industry has grown over the past couple of years. This is expressed in an increased number of sustainability-certified buildings, sustainability-profiled architects, and so on. At the same time, there is more security-related regulation and financial investments are increasingly being based on

sustainability criteria – in companies as well as in building projects.

We are noticing a trend in the dedication of the industry to raise environmental standards. Our customers are becoming more interested in the sustainability of products. This has led to us developing more sustainable products and creating more environmentally sound processes, in order to help our customers contribute to green buildings.

Sustainability is a key priority throughout ASSA ABLOY's value chain; it is an important element in innovation, sourcing, production,

employee development and in applying products and solutions.

The environment, business ethics and social responsibility are critical issues to address in any society. Consequently, we are committed to providing products and services that are environmentally sound throughout the entire production process and product lifecycle.

We have been working for several years to reduce our environmental footprint. We have a sustainability reporting system in place to measure our environmental performance within the areas of energy consumption, carbon emissions, waste and water and report our performance on a monthly basis.

We are working hard to streamline our production processes through the application of lean thinking, in addition to adopting more intelligent equipment and to continuously map and monitor our energy consumption and meet our energy reduction targets.

Our site in Willenhall, in the West Midlands has numerous energy projects and initiatives in operation and is working towards being recognised as being a 'zero to landfill' site.

Alan Field

PRODUCT & MARKETING DIRECTOR, ALLGOOD

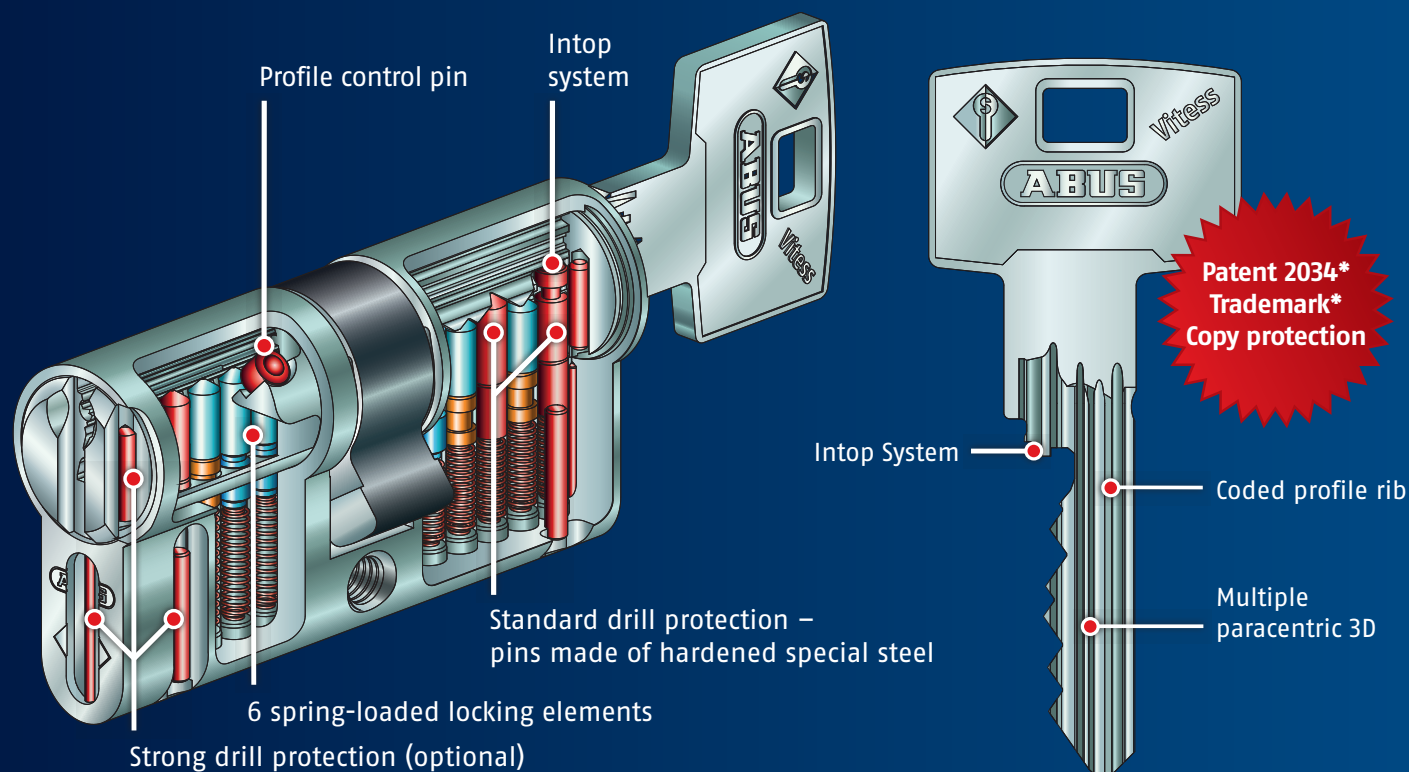


At Allgood, we have always been very proud that our reputation has been defined by the ethical way in which we approach our business operations. The same applies to our stance on sustainability and we are very mindful that we have a responsibility to the wider world. As a company, we felt it was only right that we could independently prove our environmental credentials, hence why we undertook gaining ISO 14001 accreditation, which we are proud to say we have held for nearly 10 years.

In the past decade, we have been chosen to supply projects solely on the basis that we are ISO 14001 accredited and that we can supply a package of products from recycled materials. As awareness of sustainability in construction has grown, the bar has risen: it is no longer a USP but a necessity to be able to demonstrate environmental credentials. Contractors are now the key drivers of sustainability as clients demand better, more energy-efficient buildings. Whereas before we would win projects on the basis of our ISO 14001 accreditation, it is now a key requirement of an architectural ironmonger supplier to have the accreditation before being allowed the chance to tender. ■

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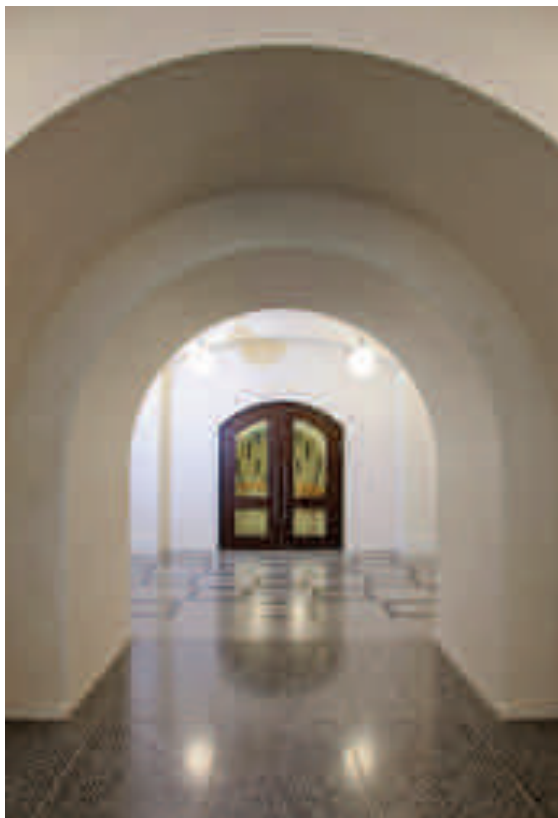
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PLAYING TO THE GALLERY

A project that successfully married art, design and functionality, it's clear why Tate Britain scooped the top prize at this year's GAI/RIBA Spec awards





Tate Britain stands proudly on Millbank in London overlooking the Thames. The gallery has embarked upon a multi-stage transformation, to be delivered in a series of phases over the next 20 years. This follows the acclaimed Tate Centenary Development in the 1990s, which created the Manton Entrance and Linbury exhibition galleries, and upgraded the galleries in the north-west quadrant in readiness for the new millennium.

The initial phase of development, spanning 2011 to 2013 and budgeted at £45m, has transformed the oldest part of the Grade II building – the Millbank Entrance, Rotunda, and galleries in the south-east quadrant – and created new spaces for display, education and social activities.

Caruso St. John architects have been retained for this long-term development and renovation project. The practice was commissioned to produce a masterplan for the whole of the Tate's Millbank site, including a major new extension on the adjacent Queen Alexandra Military Hospital site, which will accommodate a larger proportion of the Tate's historic, modern and contemporary collection of British art, as well as continuing to refurbish and improve the existing building.

The first stage of the plan was completed in November 2013 and has involved work to existing galleries and to public amenities around the rotunda at the Millbank entrance. Galleries within the south quadrant, the oldest galleries of the building, have been repaired and restored, while integrating >>>

// The gallery has embarked upon a multi-stage transformation, to be delivered in a series of phases over the next 20 years

sustainable environmental control systems. Circulation spaces around the rotunda at the ground, main floor and first floor have been opened up, with new stairs and lifts connecting all levels. New members' facilities at the upper level, and a new café at the lower level, complement the facilities at the Manton entrance.

The renovation includes a spiral staircase descending to new underground classrooms in spaces that were previously inaccessible to the public.

The new staircase spirals down from the centre of the domed rotunda, where a surface of monochrome terrazzo recalls the patterned mosaics of the original marble floor. As well as leading to new classrooms, it brings visitors to the new Djanogly Café and renovated Rex Whistler restaurant, which features the restored 1920s mural *The Expedition in Pursuit of Rare Meats*.

The project also included the re-opening of the building's Thames-side entrance and the addition of a new dedicated entrance for school groups.

"The new Tate Britain opens up the Millbank entrance to reassert and enhance the original grandeur and logic of the galleries," said Tate Britain director Penelope

// The new Tate Britain opens up the Millbank entrance to reassert and enhance the original grandeur and logic of the galleries"

Curtis. "Adam Caruso and Peter St John have created new spaces out of old and artists have helped to articulate a new sense of the public realm," she added.

A circular balcony around the rotunda had been closed since the 1920s, but has now been revamped to create a first-floor café and members lounge with a 14 metre-long bar.

Elsewhere on this floor, the architects removed partitions to reopen the interior of the Grand Saloon. An original Victorian ceiling has been restored and clustered pendant lights were added, creating a large space that can be used for events.

Tate Britain says the renovation work was borne out of public demand for increased space, improved access and better facilities. The visitor experience was diminished by a complicated layout and by inadequate spaces. School visitors had an over-complicated route to negotiate and learning spaces were too far away from the art.

The south-east quadrant has now been reconstructed to the highest standards. The galleries have been made watertight, as well as given much improved illumination (using natural daylight as often as possible), load-bearings and architectural finish. Updated environmental controls will now allow early paintings, fragile sculptures, drawings, photographs and film to be shown in this suite.

Tate Britain's learning programmes have exceeded expectations and the gallery was unable to meet the growing demand from school groups, young adults, community organisations and families. While education spaces were overcrowded, isolated from the main galleries and lacking in basic facilities, learning is now integrated into the body of the gallery, occupying dry and wet spaces on the principal level, a new digital media studio near the Manton Foyer, and a dedicated entrance for schools on the same level as the archive and library, adjacent to the new spiral staircase at the centre of the Rotunda.

BELOW: Allgood supplied shot peening stainless steel plates
RIGHT TOP: Arched doorways demanded floor springs
RIGHT: Aesthetics were vital in this project

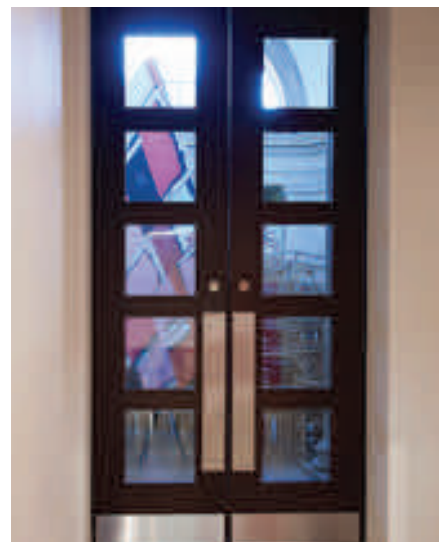
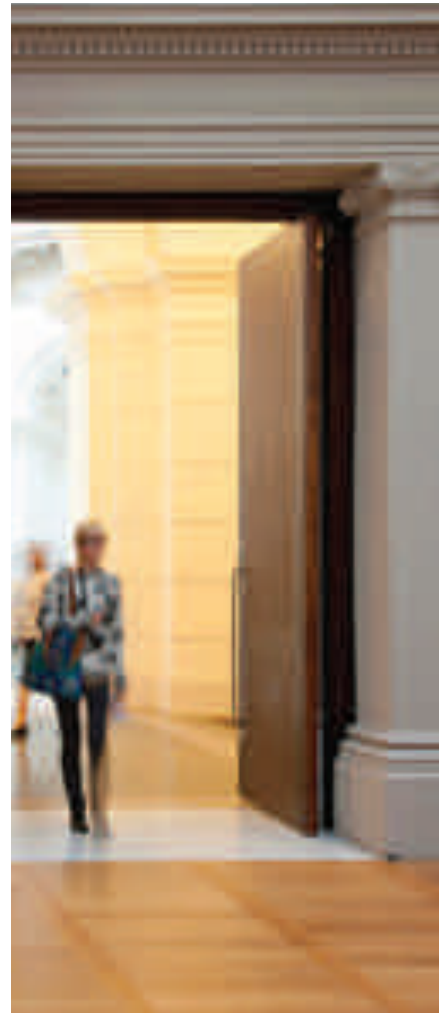




GEORGE REDGRAVE

Over the past ten years, the number of Tate Members has increased from 24,000 to 104,000. There was an urgent need to upgrade and enlarge the former Members' Room. By transforming the Rotunda space, originally built to show works on paper but later home to the library, we have been able to afford our members a space more appropriate to their needs. Adjacent to the Rotunda, the newly unified Grand Saloon, previously divided into three meeting rooms, is a splendid multi-purpose space for all kinds of activity. As such, these two parts of the original gallery – the circular upper balcony of the Rotunda and the Grand Saloon – have finally been returned to public use.

Main contractor, LendLease had to improve environmental conditions in the galleries by bringing them up to international art display standard including temperature, humidity, ventilation and lighting control. >>>



Gallery spaces required new roofs to ensure rainwater is effectively controlled, and doors which reduce air infiltration and control fire and security. These spaces will provide higher standards of insulation and control condensation – and are ventilated by fresh air provided via the roofs. In the past, one gallery (the Nomura) used external automatic sun-screening, but this was found to be expensive to run. Tate now proposes to use advances in glazing technology with a more flexible internal solution within the double-glazed units using direct sunlight control.

In order to make Tate Britain a better destination and improve the visitor experience, better public circulation at the Millbank Entrance was needed, particularly the vertical circulation between floors.

Paying tribute

In a press interview, one half of the architectural duo – Adam Caruso – credits the success of the gallery's renovation to all the stakeholders and suppliers involved. He called the project “not a solitary act but collaborative”, with “the amazing specialist subcontractors at Tate Britain”.

One of those subcontractors key to meeting the project's tough brief was

BELOW: Arched doorways posed challenges
RIGHT TOP: Many doors were tall and heavy
demanding high quality and performance



Allgood who was chosen to supply an ironmongery and an access control solution in the new galleries.

Working on such a prestigious project, it was evident that aesthetics were of paramount importance. The architect desired a unique finish on items, so Allgood worked closely to produce a shot peened finish on some of the stainless steel furniture. To create a clean aesthetic on doors which required push plates and signage, Allgood created an all-in-one solution by shot peening stainless steel plates, blanking off areas to create contrasting areas for signage to be screen printed within.

Many doors within the gallery space were of traditional arched design which caused a challenge on fire doors with self-closing requirements. Allgood's solution to this issue was to specify floor springs combined with projection hinges to provide a specification that would self-close in conjunction with the door geometry. Furthermore, to minimise the aesthetic impact of the floor springs, bespoke tile trays with access holes were created to conceal the floor springs whilst providing easy access for floor spring adjustment. This provided an aesthetically pleasing solution for a very technical application.

Having previously worked with the Tate on its Manton shop, Allgood was well prepared for this project and the existing relationship enabled a smooth operation that was completed on time and within budget and to an award-winning result. ■

GAI/RIBA SPEC AWARD CATEGORY WINNERS

Commercial and Winner of Winners

Project: Tate Britain
 Architect: Caruso St John
 Architectural Ironmonger: Allgood plc

Hospitality/Residential

Project: Henry Moore Court
 Architect: Hamilton Architects
 Architectural Ironmonger: izé ltd

Education

Project: Harris Academy
 Architect: Aedas Architects
 Architectural Ironmonger: Leaderflush Shapland Laidlaw

Health

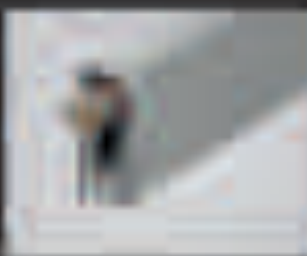
Project: The Royal Star & Garter
 Architect: Scurr Architects
 Architectural Ironmonger: Allgood plc

International

Project: Indoor Velodrome/sports centre, Hong Kong
 Architect: P&T Architects & Engineers Ltd
 Architectural Ironmonger: Tung Fat Ho Building Material Ltd

Read more about the Spec Award winners at www.gai.org.uk/events-117/specification-awards

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FROM SLATE TO GREAT

Eryl Jones was appointed MD of ASSA ABLOY Security Solutions last year. **Nicky Roger** finds out how he's settling in

It's been almost a year since Eryl Jones took the helm of ASSA ABLOY Security Solutions, but the 37-year old Welshman seems to be taking it all in his stride.

"The past 10 months have been a challenge for me personally, but one I have enjoyed and I've relished the opportunity," he says. "It's been great to be able to lead a very capable team, bring new people in to support and to set the foundations of our business for future growth."

The Midlands-based manufacturer took the decision last July to separate the UK Specification team to give it more focus. Jones was appointed to the role of managing director of ASSA ABLOY Security Solutions, while his predecessor, David Wigglesworth, now heads up the new UK Specification division. The move came as the firm celebrated 20 years of

business and it marked a strategic move to focus solely on trade customers.

Jones explains the thinking behind this decision. "Separating the UK Specification team has given us the opportunity to ensure we are more focussed on key markets such as the Als. The combined effort of our trade and specification business will ensure that we deliver far greater specifications to our AI partners, while also better supporting the day-to-day activities."


But, Jones adds, the divisions still work together. "We continue to work hand-in-hand with the Specification team, who work closely with architects to create specifications that eventually develop into projects, which are then handed over to ourselves to fulfill via our AI partners."

His new job has been made easier, Jones says, by the support from the wider ASSA ABLOY group and the team-based ethic of the business. "One of the benefits of ASSA ABLOY is that we don't suffer from layers of bureaucracy within the business – there is quite a flat structure meaning we can go 'up and down' within management to effectively get issues and developments moving."

This philosophy sits comfortably with Jones's own collaborative management style. "Building a team ethic is essential. I'm only one person who cannot grow a business in isolation, so all members need to be rowing in the same direction. People need to enjoy their work, feel part of a team and be empowered and confident in making decisions."

"My career has developed from working hard and enjoying what I do, the title that comes on the back of it is nice, but not imperative."

That hard work included summers from school and university working at a slate mine in North Wales and, later, as a sales manager at Jewson – work, he says, that has helped shape his career. "Working at the mine gave me great grounding and understanding of what is relevant to our construction industry customers. Being able to absorb the >>>



// Working at the mine gave me a great grounding. Being able to absorb the industry from a young age and at its grass roots encouraged me to pursue a career in the industry"

CV: ERYL JONES

**Managing Director,
ASSA ABLOY Security Solutions**

Qualifications: BSc (Hon) in Economics,
University of Bangor (1995-1998)

2008 Joined ASSA ABLOY as
Commercial Manager

2003: Sector Manager-
Construction, Saint-Gobain

2001: UK Sales Manager,
Danum Stone

1999: Regional Sales Manager,
Roullier Group



construction industry from a young age and at its grass roots encouraged me to pursue a career in the industry. Jewson was my first real taste of a corporate environment in the fast moving world of builders' merchants. There I gained an insight into builders' requirements and what was important to them, leading to an understanding of how to provide customer relevant solutions and how to get the best out of our supply chain."

This 'coal face' experience coupled with an intelligent mind – Jones has a degree in economics from Bangor University – helps explain his career success.

The freedom from bureaucracy at ASSA ABLOY also means Jones has a rare autonomy running a division of one of the biggest players in the industry. "I have the freedom to innovate and develop products and to build a team around me that will deliver growth," says Jones.

This innovation includes investment into brands such as UNION and ASSA. "We are developing market leading products such as the ASSA ABLOY door closer range and we are investing in our sales teams to ensure

we support our customers. The challenge for the future is to ensure we continue to lead the market, drive new products into the market and support our customers in ensuring they are specified."

Since taking the top spot in the division, Jones has been busy asking the market what improvements can be made. Over the past few months he has visited AIs around the UK to hear what they have to say. "The AIs are a great support to our business and they have been honest with me about their expectations of us and we're taking on that challenge to improve our business to support them. I have also attended the GAI and IAI events, which has been a great insight, and can see the passion and desire to improve the industry."

So what did he learn? "We need to support the AIs to continue driving standards and supporting training and ensure we add value to the AI's proposition, such as whole life costings of products and not just the up front price. A strong specification with quality products ensures not only a happy client, but a trust in partnership between the AI and the manufacturer. This is a very important factor especially with some of the low-cost manufacturers bringing budget products to market, which threaten the reputation of the AI. I think the AI's need to step above this to ensure they specify a range of products which they can be proud of being associated with and assure them of a quality specification."

Facing the future

Jones is forthright about the future and the industry trends that must be taken seriously. Training, technology and sustainability he sees as key issues. "I think the GAI is doing a great job of improving the training and skills required to specify correctly – driving standards and compliance in the industry – which is a credit to the work done in the past few years. Change is a fact of life and it is key that AIs keep ahead of trends in the market. Electromechanical and access control is a huge threat – or opportunity to AIs who embrace it early. Those who set the infrastructure to handle such a change will reap the benefits in the long term."

"There continues to be a major trend towards BIM, one which ASSA ABLOY is leading in the industry; and I think AIs need to work much closer with key manufacturers to ensure their businesses are aligned."

"Another trend is one of 'green' buildings; although it's been key within the construction industry for many years, the hardware manufacturers have been slow to react. We can see low energy and low carbon products under EPDs (environmental product declarations) continuing to develop in the market."

Jones clearly has a firm grasp of the future challenges his division and the industry is facing. Sustainability, BIM, technology... it's a far cry from Welsh slate quarries. ■

// The AIs have been honest with me about their expectations of us and we're taking on that challenge"

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Apprenticeships was one of the election campaign topics in May and the new government has made bold promises. But on-the-job training can elicit mixed feelings among employers. Many businesses do want to do their bit for the young at a time when jobs are still scarce in many parts of the country, and certainly the available talent pool is the best it's been for some years. With increasing numbers of young people turning their backs on £9,000-a-year university tuition fees, the availability of bright school and college leavers keen to learn a craft has reached record levels. But what can so-called 'Generation Z' workers – those born between the late 1990s and early 2000s – bring to your business? Are you just training them to leave? Or is 'growing your own' in fact the best solution to plug the skills gap in construction and allied trades such as architectural ironmongery?

Yes, says Wayne Lysaght-Mason, managing director of Ironmongery Direct, which began its own apprenticeship scheme

in 2013, with placements in customer service and warehousing and, more recently, in IT.

"We are firm advocates of growing our own talent and along with training schemes provided by NVQ, City & Guilds and GAI, we also run our own 12-week introductory course as well as an in-house graduate training scheme," he says.

"By investing in young talent, we are able to introduce apprentices to our preferred way of working and our particular organisational culture and with Government grants available, it's far more affordable than you might think."

While Lysaght-Mason believes that the burden of red tape can be an issue, he notes that by going to a recognised training provider, a 'newbie' employer can be "steered fairly gently over all the hurdles."

For Julian Newman, founder of Oxford Ironmongery, his first attempt, some years ago, to hire an apprentice was "fraught with bureaucracy," but, he says, following the game-changing 'Richard Review' of apprenticeships back in 2012, on-the-job training has been much simplified.

// We are able to introduce apprentices to our preferred way of working and it's more affordable than you might think"

With two apprentices currently on the payroll, Newman says he will invest further in young talent as and when required.

"Six years ago, we decided we wanted to develop the business further and put something back and I thought that hiring a young apprentice would be the perfect solution."

"But I found there were lots of logistic hurdles to overcome at that time; not least of which was finding the right training provider to act as a broker between us and our prospective hires."

Although his first apprenticeship didn't work out, apprentice number two – still with the firm – completed her one-year NVQ in

ROOKIE RISK

The new government has pledged 50,000 apprenticeships in the next three years, but can this benefit the AI industry?

Virginia Matthews reports

customer service in just nine months, instead of the more usual 12, and subsequently went on to pass her three-year GAI Diploma.

The firm's second apprentice – son of one of Newman's colleagues – has completed his Level 2 NVQ training as a locksmith and is working towards Level 3, but Newman says that finding a third apprentice is proving difficult.

"I'd like to recruit another potential AI student if I can, but here in Oxford, where unemployment is low, apprenticeship pay – recently increased to £3.30 per hour – is definitely an issue."

"I'm reconciled to offering more money to the right candidate, but I don't want to advertise more in case I attract a school or college leaver who is only after the money."

In terms of his current apprentices though, Newman is full of praise.

"Both of them are now earning reasonable salaries as full-time employees and because they have been well-trained, they are generating more value for the business. They are loyal and also have a great attitude to work."

Although Newman argues that AI employers can benefit from tapping into the digital savviness of today's youth, both he and other senior managers find the lack of basic English and Maths skills in at least some school leavers worrying.

"I have nothing against calculators; I use one myself, but writing in 'text speak' and being unable to work out, say, a 10 per cent discount in your head, can be a real problem when you're in a selling environment," he says.

For Dale Bennett, co-founder of the Nottinghamshire-based Newark & Sherwood Locksmiths, the company's first apprentice, Harry McGinley, has been a "breath of fresh air."

Harry joined the business two years ago at the age of 16, and was one of the inaugural apprentices on the year-long Master Locksmiths Association scheme. He became a fully-fledged member of staff in February. He is currently on a training course in Israel.


As a former apprentice himself – in shoe repair – Bennett well understands the advantages of young people learning at the feet of more experienced hands.

"Harry joined a company where the staff ranges in age from 45 to 68. That alone may have been difficult for many youngsters but for us, it has worked out really well both personally and professionally."

"As a 17-year-old apprentice, I found I learned more from working with older people than I could possibly have picked up at school or college and I feel Harry is benefiting from the same sort of experience. Both he and the rest of us have learned from each other in a way."

APPRENTICES: NEED-TO-KNOW

- Apprenticeships can run from between 12 months to four years and they can relate to either new or current employees
- Some 85% of apprentices who successfully complete their training stay in employment; two-thirds of them with the same firm
- You may get a £1,500 grant or funding to employ an apprentice in England or Wales if you have less than 50 employees and you can claim support for up to five apprentices
- Apprentices must be aged 16 or over and combine working with studying for a work-based qualification; from GCSEs or their equivalent up to degree level.
- Your apprentice must work with experienced staff, learn job-specific skills and study for a work-based qualification during their working week; usually at a college or training organisation

 **Contact the National Apprenticeship Service for all queries**
www.apprenticeships.gov.uk
 or telephone 0800 015 0600

For Newark & Sherwood, Harry's skills in the digital arena have been of particular benefit.

"Being a digital native, he knows more about social networking than I could ever dream of and that sort of easy familiarity with new media is really useful."

While in the past, the business has taken on older locksmiths; usually because they have had specific skills to offer, Bennett says that further apprenticeships are now very much on the agenda.

"The world is changing fast and we need people who can work with ease in the new commercial environment."

Newman agrees. "If you can find the right young person who fits in and who wants to learn, you will find them loyal, hard-working and motivated employees. As they progress with you and become more confident, they can start to add real value to your business."

"I would advise any AI firm with a potential skills shortage to look in detail at what today's apprenticeships schemes can offer a business and to put the wheels in motion." ■





FLYING HIGH

Julie Clay reports on how Oxford Ironmongery has helped an aviation restoration project to take off





The former airfield is being sympathetically restored and used as the UK's first aviation and motor business specialist campus



A former air field dating back to 1911, now owned by Bicester Heritage, is Britain's first heritage motor and aviation specialist business campus. This 348-acre site is home to a centre of excellence for all the services and support required by vehicle and plane owners and enthusiasts.

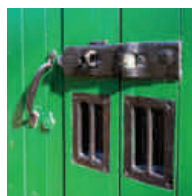
RAF usage of the site largely ceased in 1976 and it was not until the site was purchased by Bicester Heritage in 2013 that it was used to any degree. Over the intervening almost 40 years very little was done to maintain the 60-plus buildings, some of which were built back in 1926 and many of which are listed. Tenants now include a wide variety of companies associated with heritage vehicles and aviation such as restorers, sandblasters, specialist storage facilities, upholsterers, engineers and sales companies as well as the latest tenant, a historic Grand Prix car preparer.

As new tenants are secured, buildings are refurbished by Beard Construction working alongside English Heritage with emphasis placed on restoration that is consistent with the design and style of the period when they were first constructed. Design is managed by architect Gaunt Francis and for specialist areas such as architectural ironmongery the expertise of Oxford Ironmongery is called upon.

"Attention to detail is key, particularly when restoring a site of such historic importance," says Daniel Geoghegan, managing director of Bicester Heritage. "We put over 200 hours of research in to our choice of paint colours alone. It is reassuring to know that Oxford Ironmongery shares the same fastidious nature when it comes to hardware; without these details our restoration would not be complete."

Jack Piccaver, quantity surveyor at Beard, backs up the choice of supplier. "Oxford Ironmongery is one of our key preferred suppliers and always our first choice when we are working on listed buildings. They supply the highest quality products specified to meet our clients' exacting requirements."

Oxford Ironmongery's managing director Julian Newman explains their approach. "While a lot of the door hardware has been replaced over the years, much of what was used was not an accurate reproduction of what was originally there and it was a priority for Bicester Heritage to ensure that it is in keeping with the original buildings."



ABOVE: Oxford Ironmongery is working closely with the main contractor and English Heritage to ensure attention to period detail in the restoration

// Attention to detail is key, particularly when restoring a site of such historic importance

As each building is let, Newman and David Simms of Gaunt Francis carefully assess it to determine what the original ironmongery would have been. The Oxford Ironmongery team then researches the most appropriate and historically correct products to meet the practical requirements of the building's new use, bearing in mind what can be manufactured, any cost constraints and deadlines.

"Most of our work is involved with the restoration of period properties and we constantly need to balance the often conflicting priorities of aesthetics, practicality and the budget available," says Newman.

Simms adds: "Julian and I pool our expertise and then I rely on his team to write detailed schedules which makes procurement and planning installation extremely straightforward."

It is relatively early days for the project with restoration complete at 18 of the 60 buildings, which has created 30 business units. Oxford Ironmongery has been commissioned for the next phase of renovations and envisages that it will be involved for several more years helping Bicester Heritage to achieve its vision for the rebirth of this unique and historically important site. ■





FEELING **SECURE**

Douglas Masterson, technical manager at the GAI, answers questions on Approved Document Q (ADQ) which will have a huge impact on the doors and windows applied to new builds in England.

The Government has published Approved Document Q (ADQ) which will have far-reaching consequences on the level of security applied to new dwellings in England. It details the requirements for secure doors and windows by listing acceptable standards as well as providing detail on the relevant ironmongery.

Q. What type of building does ADQ relate to?

ADQ relates to the security of new dwellings as well as dwellings formed by a material change of use. It states that reasonable provision must be made to resist unauthorised access to any dwelling, or any part of a building from which access can be gained to a flat within a building. It applies to easily accessible doors and windows that provide access into a dwelling from outside, into parts of a building containing flats from the outside or into a flat from the common parts of the building. Doors and windows will meet the requirements of ADQ if they can resist physical attack by a casual or opportunist burglar by being sufficiently robust or fitted with appropriate hardware.

Q. Where does it apply?

It applies to England only. Scotland already details mandatory standards of security for domestic buildings in Technical Handbook 2013 standard 4.13.

Q. When will it take effect?

It will take effect on 1 October 2015. It does not apply to work started before 1 October 2015, or work subject to a building notice, full plans application or initial notice submitted before that date, provided the work is started on site before 1 October 2016.

Q. Where can I find it?

It can be downloaded from www.planningportal.gov.uk or from the member's area of the GAI website www.gai.org.uk under "Standards and Regulations"

Q. How does it relate to doors?

All doorsets including garage and communal entrance doorsets that provide access into a dwelling or into a building containing a dwelling should be a secure doorset. Secure doorsets should be manufactured to a design that meets the security requirements

of PAS 24:2012 or any of the following standards:

- Certisecure STS 201 issue 5:2013
- Certisecure STS 202 Issue 3 2011 burglary rating 2
- LPCB LPS1175 Issue 7 2010 security rating 2
- LPCB LPS 2081 Issue 1 2015 security rating B

Further advice is available in *Secured by Design's New Homes 2014*, which is available on the website www.securedbydesign.com. Secured by Design is the official UK Police flagship initiative supporting the principles of 'designing out crime'. It focuses on crime prevention of homes and commercial premises and, in a similar way to ADQ, it promotes the use of security standards for a wide range of applications and products.

The other method of conforming to ADQ is by manufacturing a door which should be designed in accordance with appendix B 'bespoke timber secure doorsets'.

A timber doorset constructed in accordance with appendix B can be considered to be a secure doorset and the material, detail and dimensions of door and frame which are acceptable are clearly laid out.

Q. What about windows?

Ground floor basement windows and easily accessible windows including rooflights should be "secure windows". These should be manufactured to a design that meets the security requirements of PAS24:2012 or any of the following standards:

- Certisecure STS 204 issue 3:2012
- LPCB LPS1175 Issue 7 2010 security rating 1
- LPCB LPS 2081 Issue 1 2015 security rating A

Further advice is also available on the security of windows in *Secured by Design's New Homes 2014* as previously mentioned.

Q. What impact will ADQ have on ironmongery?

This is the area of most interest to us in the ironmongery trade and ADQ gives detail on the standards which are to be used for the installation of ironmongery on secure doorsets, both as complete units and as bespoke timber secure doorsets.

Letter plates, where provided, should have a maximum aperture of 260mm x 40mm, and be located or designed to hinder anyone

attempting to remove keys with sticks or insert their hand, for example by incorporating a flap or other features to restrict access. Meeting the requirements of the DHF technical specification TS 008:2012 has been shown to protect against these attacks.

The requirement for entrance doors to a dwelling is to have a door viewer if no other visible means to identify callers is available. It should also have a door chain or limiter. In certain circumstances where this is not appropriate such as where a warden may need emergency access to a resident in a sheltered dwelling, then an electronic audio-visual entry system can be used.

On bespoke timber secure doorsets in addition to the ironmongery mentioned above the locks on the main entrance door to the dwelling should be fitted with a multipoint locking system to one of the following standards: PAS 3621, PAS 8621 or PAS 10621.

If a multipoint lock is not being used then a mortice lock should be fitted to the following standards: BS 3621, BS 8621 or BS 10621. The minimum projection of the dead bolt is therefore 20mm. In addition it should have a surface-mounted rim lock to the same standard which should be fitted between 400mm to 600mm away from the mortice lock.

It also stipulates that where hinges are accessible from outside then hinge bolts should be fitted to the door.

Q. Is ADQ a welcome development for our industry?

In short, yes. Any government publication which endorses high standards of security for doors, windows and ironmongery can only be a welcome development to consumer, manufacturer and ironmonger alike.

It's good for the consumer as it will deter the casual and opportunist burglar, thus providing peace of mind. It's good for the manufacturer as it will stimulate demand for high quality product; and it's good for the ironmonger as they will be able to sell a range of products including multi-point rim and mortice locks, door chains and limiters, letter plates and even door entry systems to its customer base. ■

For further information Douglas can be contacted through the Technical Helpline on 0330 1234 073.

NEW PRODUCTS



ECO-FRIENDLY HIGH SECURITY

Abloy has launched a range of electric locking solutions that feature new low energy technology.

The energy saving technology is available with all Abloy handle-controlled locks, and the new low-energy variants can be identified by the use of the letter 'L' within the name of the product: EL480L and EL560L.

In instances where the energy consumption of a building needs to be reduced, electric locks are an ideal solution to help increase energy efficiency. Door magnets have traditionally been the standard choice for access control points in commercial buildings, but low energy electric locks are a more energy-efficient solution. Magnets require an electric current to lock the door,

whereas an electric lock only uses power to open the door, meaning they do not consume as much electricity. These new low energy electric locks have an annual energy consumption of 0.6kWh in comparison to a door magnet that uses 32.5kWh per year. The locking solutions are fast and easy to install, and are also compatible with traditional devices.

The introduction of UK energy initiatives – such as the Government's Energy Savings Opportunity Scheme (ESOS) – has meant that there is now greater emphasis on how much energy is being wasted in buildings, as well as their security.

Tel: 01902 364 500
Email: marketing@abloy.co.uk



ASSA CLOSES IN ON ESCAPE DOORS

ASSA ABLOY UK has launched a door closer with an integrated escape door locking solution that is suitable for retrofitting fire doors.

The DC700G-FT Cam-Motion door closer, lock and wiring is surface mounted, therefore no mortising or rebating of the doorset is required. This enables fire doors to be retrofitted with the electrical locking mechanism, while retaining fire door approval.

DC700G-FT is supplied with a robust mounting plate that allows existing fixing holes of the

old door closer to be used when replacing the body, eliminating the need to make modifications during installation.

The DC700G-FT has thermodynamic valves to accommodate temperature fluctuations and is fully adjustable to allow the door to be set up for specific requirements, as well as to compensate for general wear and tear of the door and other ironmongery components.

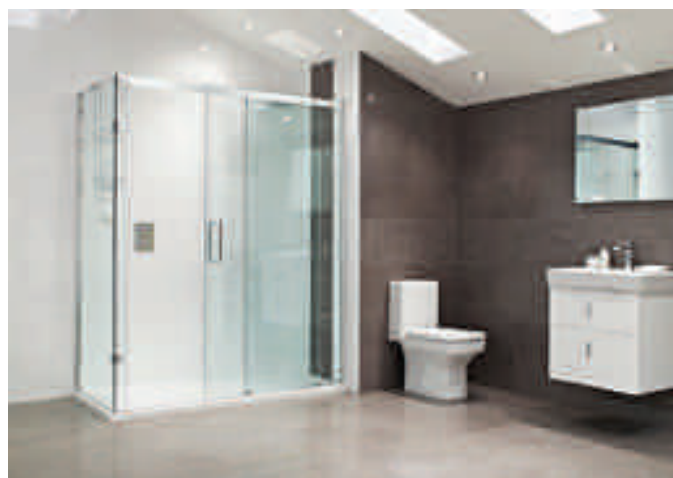
www.assaabloy.de

HEAVY DUTY HINGE FROM SIMONSWERK

The Compact Planum is one of the latest additions to the VARIANT® heavy duty door hinge range from SIMONSWERK. With its 3D receiver installed in the door leaf, this new VARIANT Compact hinge system offers an ideal solution to the trend for narrow frame constructions. When used with slim line frame designs, the Planum version with its reduced, elegant knuckle, just 15 mm in diameter, and a high load capacity of 160 kg, further underlines the door element's straight-lined appearance for residential and heavy-duty doors.



Tel: 0121 522 2848
Email: sales@simonswerk.co.uk



ROMAN REVEALS NEW DESIGNS

Roman, shower designer and manufacturer, has unveiled its new Liber8 collection. The range includes over 10mm height enclosures, solid surface technology and new technology on glass finishes.

Roman's Liber8 range is a collection of ultra-minimalistic frameless designed shower enclosures, which stand at 2000mm high with 8mm thick glass. They are available in silver chrome and brushed nickel finishes. Their minimalistic design is perfectly presented with the door being hinged directly from the wall or from the glass with ultra-clear seals, creating a flawless design.

The firm is also introducing a new Lumin8 Inswing Enclosure

which will be joining the 8mm range from summer 2015. The Inswing Enclosure features a large door opening without protruding into the room as much as a hinged or pivot door would, presenting a luxury product for the smaller bathroom. It is 1950mm in height with 8mm thick glass, featuring chromed brass machined components, 'soft close' pistons and a chromed brass feature handle.

Roman's Solid Surface Technology Shower Trays come in different colour options, which include shimmer finishes to add some sparkle to the bathroom area.

www.roman-showers.com



BRIO LAUNCHES ZERO CLEARANCE

Brio's Single Run Zero Clearance hardware, originally developed for timber doors, now comes with the option of Single Run Zero Clearance Glass for interior glass sliding doors making floor to ceiling installations more streamlined and compatible with today's minimalist interiors.

Single Run Zero Clearance Glass hardware allows an infinitesimal gap – 2.5mm – between the glass panel and the hardware, enabling a pleasing aesthetic finish to floor to ceiling installations. The use of glass panels brings a new dimension to minimalism with the clean lines achieved by the concealed hardware and low profile glazing rail causing the panel to appear to be suspended between floor and ceiling.

The Brio Zero Clearance Glass 80 and 120 options for top hung straight sliding 10mm or 12mm toughened glass panels weighing 80kg and 120kg respectively are designed to give minimal clearances of just 2.5mm between

the edge of the glazing rail and the underside of the track.

Zero Clearance Glass 80 and 120 will take panels of 3000mm x 1500mm on an aluminium clear anodised track in a choice of 2000mm, 3000mm, 4000mm and 6000mm standard lengths.

For larger applications Brio has designed the higher rated Zero Clearance Glass 180 with an adjustable guide and versatile fittings that allow 10mm and 12mm toughened glass panels to be accommodated by the same hardware up to a weight per panel of 180kg. Maximum panel widths here are 1200mm and 1500mm. All versions come with a pair of stainless steel adhesive handles with the option of round glass handles.

Also available from Brio is a free point-of-sale poster to complement the recent introduction of its retail pack product range for domestic and light commercial applications.

📄 www.briouk.com



SEEING THROUGH GLASS DOORS MADE EASIER

Security expert Abloy UK now offers a Glass Door Lock Selection Guide, which aids specifiers in choosing the correct locking solution for glass doors.

Abloy has provided locking solutions for what it considers to be the most common scenarios. These include three different types of glass door, and between three and five solutions for each one. Recommended products contained within the guide include effeff Electric Strikes and Strike Locks.

The Glass Door Lock Selection Guide features diagrams and product images, with a brief explanation of the recommended solution, its function and advantages, and also product information.

📄 To download the guide visit www.abloy.co.uk/Abloy/AbloyCOUK/effeff/glassdoorlock-selector.pdf

MUL-T-LOCK'S ENTR™ SMART LOCK SOLUTION

Mul-T-Lock UK has launched ENTR™ for locksmiths to offer homeowners the protection of a mechanical cylinder together with the convenience of advanced access control technology.

ENTR™ is easy to install as a regular Euro Profile cylinder, ENTR™ can be professionally retrofitted onto existing doors, giving homeowners an upgraded solution in no time and with minimal effort.

And with ENTR™'s App, users can activate their locks remotely from their smartphone or tablet, giving them 24/7 control and management capabilities.

Users have a variety of options available to them to open their ENTR™ Lock: via a press button fob, an eKey via the App, a remote key pad, a finger print reader, utilising Bluetooth on their smart phone, or using a mechanical key.

📄 Download a product guide and view a video online at www.mul-t-lock.com



GEZE UK UNVEILS SYSTEM FOR HIGH LEVEL WINDOWS AND ROOF LIGHTS

Opening and closing high level windows and roof lights will be a breeze thanks to the launch of a new natural ventilation system from GEZE UK.

The new OL Line manual window control system has been designed specifically for commercial and public buildings, including schools, and its modular design means it can easily be retrofitted.

The OL Line provides an easy and reliable control system for even the most hard-to-reach windows. A manual opener is fitted to the opening vent which is linked via lengths of conduit and cable

to a wall-mounted operator. The conduit can easily be bent around obstructions allowing the handle to be placed within easy reach.

This modular system has been designed to be as flexible as possible. Multiple vents can be operated from a single operator in a choice of installation arrangements. It is available in a choice of different opening widths, making it suitable for use on most styles of window. It can even be used to open roof lights when used with a screwjack opener.

📞 Tel: 01543 443000 or visit www.geze.co.uk

TALL ORDER

The London skyline is set to have another highrise addition when the Manhattan Loft Corporation completes its latest project in Stratford



Bouygues UK is constructing, a 143-metre landmark tower in East London. The 42-storey skyscraper will include 248 apartments above a 150 room hotel, a spa, a triple-height lobby and two restaurants.

The £250m Manhattan Loft Gardens will be located next to Stratford International Station. The company says it will play a key role in the regeneration of the area.

The tower is designed by architects Skidmore, Owings & Merrill (SOM), who have previously designed the One World Trade Centre in New York and the interiors of the Burj Khalifa in Dubai, the tallest building in the world

The London tower will feature two cantilevers which support three sky gardens offering unobstructed views across London.

Work is due for completion in Spring 2018.

PROMINENT EFFICIENCY DISCREET TECHNOLOGY



Call the GEZE UK helpline on:

01543 443010

info.uk@geze.com

www.geze.co.uk

The Boxer. Closes doors perfectly, but it's hard to see how.

The Boxer overhead door closer is integrated into the door leaf or frame so it is completely hidden from view - ideal for where an anti-ligature product is required. Available in single or double action versions, it has a variety of hold open options and a cam action means easy operation, too.

Naturally, as a GEZE door closer, the Boxer conforms to all relevant building standards, has CE approval and a valid Declaration of Performance and Certifire fire certification.

Combining durability, aesthetics and compliance it's easy to see how the Boxer is perfect for a healthcare environment.


Door Technology | Automatic Door Systems | Window Technology | Safety Technology | Glass Systems



BEWEGUNG MIT SYSTEM



I CAN CE YOU WEAR A BADGE OF DISTINCTION



Well, I am a closer
with standards!

All DORMA fire door closers are CE marked, and as required under CPR, we provide a Declaration of Performance (DoP) for all CE marked products on our website.

DoPs clearly detail the essential product characteristics and performance against the harmonised standard to simplify the selection process.

Just one way we strive to take responsibility and make your specifications hassle-free.

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