



WINNING STREAK

ISAAC TAM CELEBRATES
TRIPLE SUCCESS AT
THE GAI EDUCATION AWARDS

inside

NEWS

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FEATURE

Maggie's
Centres' healing
architecture

PROFILE

Em-B talks growth



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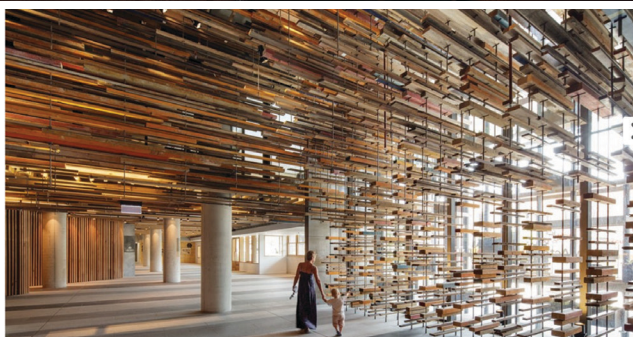
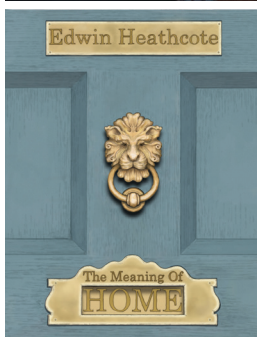
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AUSTRALIAN HOTEL LOBBY AND SINGAPORE VILLAGE SCOOP GLOBAL PRIZES



The Interlace, a vertical village in Singapore, has been crowned World Building of the Year 2015 at the World Architecture Festival. The residential development (above), designed by OMA/ Buro Ole Scheeren, is a radically new approach to contemporary living in a tropical environment.

The Interlace is one of the most ambitious residential developments in Singapore's history, generating an intricate network of living and social spaces intertwined with the natural environment. Instead of following the default typology of housing in the region – clusters of isolated towers – the vertical is turned horizontal, with 31 apartment blocks, each six stories tall and 70 meters long. Stacked in hexagonal arrangements around eight large-scale open permeable courtyards, the scheme creates a multitude of shared and private outdoor spaces on multiple levels.

Meanwhile, Hotel Hotel, a contemporary hotel in Canberra, Australia, has been named as the World Interior of the Year for 2015. The project by March Studio has beaten over 100 nominees across nine categories. The winner was presented with the esteemed accolade at a gala dinner in Singapore.

Located in NewActon, a precinct in Canberra, Hotel Hotel is part of a wider scheme that encompasses offices, residential apartments, cafes and a cinema. Designed by March Studio, the signature design of the new hotel is a fragmented lobby entrance, which provides a unique identity for the building (above left). A series of fractured timber pieces line the walls and furniture to create a tunnelling effect that leads guests from the reception through to the main areas of the hotel. The repurposing of the timber grabbed the judges' attention for what they described as a "poetic use of leftover materials for a powerful but not overwhelming" result.

AN END TO LOST LOGBOOKS FROM GEZE UK



GEZE has introduced a solution to lost or damaged log books to ensure compliance with EN 16005 is easier.

The company has developed logbooqr, a new online logbook for automatic doors which can be accessed via a QR code using a smartphone or tablet.

Since the introduction of EN16005 in April 2013, all automatic doors must have a logbook to keep a detailed record of any servicing and maintenance work that has been undertaken. Currently, an asset tag, detailing a unique reference code, is fitted to the door itself and a physical logbook is issued. This is then completed by service and maintenance engineers as soon as any work is carried out. The problem is that logbooks, that need to be kept with the automatic door, are frequently lost or misplaced.

logbooqr allows this information to be recorded on a secure website which is accessed via a QR code printed on the asset tag. This allows an engineer to record the work that has been done, while the end user can check the log and see when the next service is due. In the event of an accident or random spot check, Health and Safety Inspectors can easily access this information to confirm that servicing and maintenance schedules are up to date.

RIBA APPROVED CPD FOR SPECIFYING HINGES

SIMONSWERK's RIBA-approved CPD will provide architects with the technical knowledge for specifying the correct hinge for the right application. The presentation offers guidance on door specification, legislation, building regulations, fire & safety in use, CE marking and the Equality Act. SIMONSWERK's range includes the fully-concealed TECTUS system and the TRITECH hinges with load capacity to 160kg. See the CPD showcase at www.ribacpd.com

NEW ZEALAND HIGH SPEC PROJECT NEEDED SLIDING GLASS TO COPE WITH HIGH WINDS

Brio architectural hardware has been instrumental in the transformation of a heritage landmark in New Zealand's capital, Wellington.

The Appartamento Il Casino complex has been designed to interface seamlessly with a heritage landmark building, formerly an iconic restaurant, while incorporating cutting edge contemporary architectural elements. Globe Holdings, the developer is creating 31 brand new apartments designed, it says, a "little differently from most contemporary inner city apartment blocks... something with soul."

The architects have designed the apartment complex to offer residents an indoor or outdoor living space in any kind of weather. A signature feature of the design is exterior sliding glass panels to allow residents to control their own environment.

Specialist glass manufacturer Euroglass was presented with the task of providing a sliding system that would cope with environmental conditions and also carry the weight of the double-glazed glass panels. The system would also need to be able to handle the blustery and extreme weather conditions that Wellington is famous for. Taking all considerations into account, Euroglass decided on Brio's SingleRun 350 system because it could cope easily expected wind loads of up to 3.04kPa (approximately 300kg per square metre of glass) without flexing. Plus, with each double-glazed panel weighing around 133kg, the system had to be able to handle the heavy panel weight, ensuring the panels remained stable and in place under any wind buffeting.



TRICYCLES OPT FOR BE-SPOKE HINGES

Ironmongery has been used in an unconventional way by leisure company, Ideas Box. Its innovative food and drink tricycles are used at corporate events to carry food and drinks and can be customised. Its ice cream tricycles were present at the Downing Street Royal Wedding Street Party.

The hinges on the tricycles are from SIMONSWERK who designed a bespoke solid brass hinge with a variety of finishes to co-ordinate with the various customised tricycle designs.

AIJ PEOPLE



CODELOCKS EXPANDS SALES TEAM

Digital lock manufacturer Code Locks has appointed Michelle Watkins as its new regional sales manager for the north of England. As well as supporting business

development and providing existing customers with product support, Michelle will also help broaden the company's relationships with OEMs, builders' merchants and architectural ironmongers.

DOOR ACCIDENT LEADS TO MANSLAUGHTER CHARGE

The safety of industrial doors has been put under the spotlight following a court hearing where a man was charged with two counts of manslaughter by gross negligence. The charges followed the death of two people who were struck by a large loading bay door at a Guildford theatre.

The company that manufactured the door in the incident in 2013 has been summonsed for breaches of duty imposed by Section 6 of the Health & Safety at Work Act. The company is accused of failing to ensure that equipment supplied for use at work was safe.

The Door & Hardware Federation (DHF) has announced that it is launching a DHF Safety Assured Industrial Door Diploma training course. The two-day comprehensive course will cover all aspects of industrial door safety and is being piloted in November with the intention of being rolled out January 2016. DHF has made attendance at the course compulsory for members.



ASSA ABLOY PRODUCT PASSES COLLEGE TEST

ASSA ABLOY Security Solutions has supplied products to a college based in East Lancashire, via local architectural ironmongers, Mercer and Sons.

Nelson and Colne College was formed by a merger of a number of local sixth forms and currently has around 1,700 full-time students and 4-5,000 part-time students.

A new classroom block at the college has been supplied with a range of ASSA ABLOY Security Solutions products including its high performance specification lock case, Optimus

ASSA ABLOY Cam-Motion® DC500A door closers were installed, enabling lower door opening forces for all users. This assists in helping to meet the requirements of BS8300 and Approved Document M to The Building Regulations.

UNION's Optimus3 specification range of modular Euro-profile lock cases is specifically designed for areas where high performance and aesthetics are critical. In addition, the dimensions of the lockcases also satisfy the requirements of BS8300, making the range the ideal choice for use in schools and colleges. UNION 1000-series stainless steel lever handles and accessories were also included in the installation.

Ben Hacking, GAI qualified Architectural Ironmonger at Mercer and Sons said: "In a college environment, it is fundamental that security meets rigorous legislative demands. ASSA ABLOY Security Solutions simplified the project from a supply perspective, providing us with a comprehensive package of high security products, which meets all requirements and is competitively priced.

"We have a close working relationship with the main contractor on the project, Barnfield Construction Ltd, so it was crucial to ensure that we installed quality products, which would be durable and reliable for the college. ASSA ABLOY Security Solutions had the breadth of range available to assure us they could deliver on functionality and aesthetics."



KENTEC HELPS PROTECT THE ARCHIVE OF SERBIA

The newly restored Archive of Serbia in Belgrade, home to some of the country's most valuable pre-1918 documents and archives, is being protected by a new fire safety system that includes a number of Kentec fire alarm control panels.

The Archive of Serbia, houses and protects documents and other archival materials produced by Serbian state bodies and organisations before 1918 – prior to Serbia becoming part of the Kingdom of Yugoslavia. Within its 972 archives and 51 collections, the archive houses over 10 kilometres of historical records.

The new fire safety system, designed and engineered by fire safety specialists TVI Belgrade, comprises a four loop Kentec Syncro Multi Loop Analogue Addressable fire control panel supported by Apollo open protocol communicating with more than 70 devices. Three Kentec Sigma XT+ ECU Coincidence Units control a three-area fire suppression system with more than 900kg of 3M Novec 1230.

FIRE DOOR SAFETY CAMPAIGN PACKS A PUNCH AGAIN THIS YEAR



The work of architectural ironmongers (and the fire door supply chain) to raise awareness of critical issues surrounding fire door safety is now achieving significant political traction, according to early analysis of the impact of this year's Fire Door Safety Week.

An interim report for Fire Door Safety Week shows that this year's campaign reached more than 4.7m people up to the end of September. It achieved more than 7,000 visits to its website, a 30% increase in Twitter followers, and attracted 129 supporting organisations from across all parts of the property, FM and construction sector.

Ministerial and MP support was high with statements of support coming from Mark Francois MP, the fire minister, as well as from Joyce Watson AM, chair of the Welsh Assembly Government's cross party group for the construction industry, and the SNP's Hannah Bardell.

The GAI's technical manager, Douglas Masterson, presented at the 'Fire Door Sure' seminar at the Building Centre during Fire Door Safety Week and he noted that industry engagement with the campaign was also much greater than in previous years. Many companies in the architectural ironmongery industry took part, including Lorient Polyproducts, HOPPE UK, Leaderflush Shapland Laidlaw, Duffells, GEZE UK, ASSA ABLOY UK, Allegion UK and DORMA UK.

The dates for next year's Fire Door Safety Week will be 26 September to 2 October 2016. The campaign is expected to generate even more public interest in a year which will be full of events marking the 350th anniversary of the Great Fire of London.



Time is money – quicker and better: HOPPE Quick-FitPlus

HOPPE Quick-FitPlus is the logical further development of the tried and tested HOPPE Quick-Fit connection. It is not just the door handles which can be fitted easily but also the attractive flat handle roses and escutcheons.

The HOPPE Quick-FitPlus is so easy to fit

The handle roses with through-going supporting lugs and door handles are simply fitted together, with the whole set able to be installed without the need for screws.

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TRENDS SURVEY SHOWS ARCHITECTS OPTIMISTIC ABOUT GROWTH

A RIBA trends survey has found that architects remain positive about overall workloads, with medium-sized practices the most optimistic about workloads and staffing.

The RIBA Future Trends Workload Index in September showed that practices remain firmly positive about overall workload prospects in the medium term, though with an apparent leveling-off in the rate of growth.

All nations and regions in the UK returned positive balance figures, with practices based in Scotland the most optimistic about future workloads (balance figure +50). Medium-sized practices (11–50 staff), with a balance figure of +56, are more optimistic than either large (51+ staff, balance figure +25) or small practices (1–10 staff, balance figure +15).

The private housing sector workload forecast in September 2015 rose slightly to +21 (up from +18 in August). The commercial sector workload forecast fell very slightly to +13 in September (from +14 in August).

Architects remain cautious over growth in public sector work, with the sector forecast increasing marginally to –3 (from –4 in August); meanwhile, the community sector forecast was unchanged at +1.

The RIBA Future Trends Staffing Index regained ground in September, standing at +12 (up from +7 in August); 95% of responding practices expect their permanent staffing levels either to increase or to stay the same over the next few months. Medium-sized practices are the most positive about future staffing levels (balance figure +48), compared with small practices (+7) and large practices (+25).

September also saw an increase in the proportion of practices expecting to increase their temporary staffing levels over the next quarter. A number of practices have opened offices and/or increased recruitment in Manchester and other northern cities in recent months, further demonstrating the increase in opportunities within the North of England.

For more on the RIBA Trends Survey see www.architecture.com/RIBA/Professionalsupport/FutureTrendsSurvey.aspx

GEZE UK SPONSORS CLOSE THE DOOR RETAIL CAMPAIGN

The Close The Door campaign has named GEZE UK, as exclusive sponsor representing the automatic door industry.

The nationwide campaign aims to persuade retailers to save energy and create a better environment for staff and shoppers by reversing their open door policies.

GEZE is the only door control company to support the campaign, which was launched following a winter walk by founder Jeannie Dawkins, who became concerned after seeing how hot air from the open shop doorways was melting the ice on the street.

Research by Cambridge University commissioned by the campaign, demonstrates that closing a shop door while using heating halved energy use and cut a shop's annual CO2 emissions by up to 10 tonnes. Further research by Imperial College and Kings College London showed that closing a door reduces airborne pollution in shops by around one third.

"We are delighted to be supporting the Close The Door campaign," said Kaz Spiewakowski, managing director at GEZE UK. "Sustainability is a big issue to our customers and we spend a lot of time designing energy efficient solutions, but this is wasted if doors are then

propped open allowing heated or cooled air to escape. We are encouraging architects and specifiers to use automatic doors as part of their retail designs. Unidirectional radar sensors can be used to ensure automatic doors only open when a user approaches, closing again when they depart, reducing 'hold open' time by 40 per cent – and of course, automatic doors also enable accessibility."

To date more than 500 shops have signed up to the campaign from major high street names such as Marks and Spencer and Boots to independent retailers.

Jeannie Dawkins from the campaign says: "The aim of the initiative is to make it common practice to close the shop door when using energy to heat or cool the store, or when air pollution levels are raised on the street outside. Despite the many shops that do this, tens of thousands still do not comply. Ahead of the coming winter the National Grid has declared a mere 1.5% spare capacity, barely enough to cover a mild to medium season. Energy has fast become precious and we cannot afford to waste it.

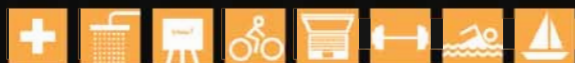
To find out more about the Close the Door campaign, visit www.closethedoor.org.uk.



KitLock gets smart

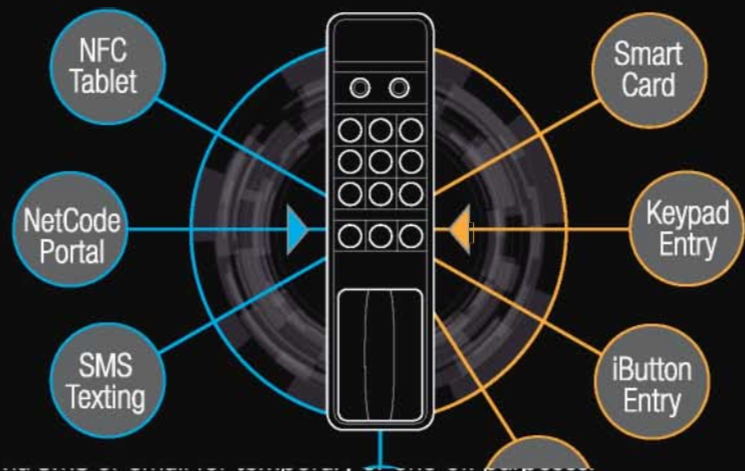
Flexible Access Control for lockers, cabinets and enclosures.

The new KL1550 SMART from Codelocks provides several access options in one product; via the keypad, smart card or iButton. The additional NFC-enabled tablet will greatly reduce the lock programming time; operators can upload selective programs and features, and download audit trail data on demand in a matter of seconds. The NetCode Function allows temporary access. Generate time-sensitive codes using the web-based NetCode portal and issue via SMS or email for temporary or one-off purposes.



PROGRAMMING

ACCESS CONTROL



PROGRAMMING

ACCESS CONTROL

Audit Trail

NetCode

Be Smart. Go Keyless. Go KitLock.



RECOGNISING DIPLOMA SUCCESS IN DUBAI

The GAI held a special presentation evening at the Novotel World Trade Centre, Dubai, in November for those students in the GCC who were unable to attend the Education Awards lunch in London the same month.

This specially arranged meeting of the Institute branch for the region was addressed by Maria Powell, GAI president, Gary Amer, GAI chief executive, and Mario Del-Signore the Institute chairman.

All three presented an update on progress within the GAI and the Institute, and the newly-launched GAI Education Hub.

Gary Amer commented: "In total, 30 students sat their Certificate in Architectural Hardware and Diploma exams in Dubai this year and 17 passed. We couldn't expect all of them to travel to London so it was fitting to recognise their success at this event."

"It also gave us a valuable opportunity to update those attending on the developments that have taken place within the Guild in the past year. Where possible it is so important to keep our overseas membership abreast of developments."



IAI AGM AND AWARDS DINNER

Members are invited to get involved with shaping the future of the Institute at its AGM in March.

The 2016 AGM will be hosted by new Chairman, Mario Del-Signore and Vice Chairman, Des Mulcahy. The event kicks off on the evening of Friday 4 March, before the AGM and dinner on Saturday 5 March. The event is being held at Beaumont Estate, Windsor, Berkshire.

The Institute, the individual membership section of the GAI, runs a thriving network of local branches across the UK and internationally. The AGM and dinner is the highlight of the Institute's calendar, combining a lively business session, a celebration of industry recognition and a very sociable dinner dance to round off the event.

Each year the Institute presents four prestigious awards which are an acknowledgment of an individual's (or sometimes a team's) outstanding contribution to the Institute or industry. Candidates are nominated for their efforts over the past year and voted for by members. The awards are highly valued and presented to the most worthy candidates who celebrate their achievement at this flagship event.

For more details and booking please contact lucy.apsey@gai.org.uk



ANTHONEY PARKES

GAI OFFERS MEMBERS TEMPLATE FOR O&M MANUALS

The GAI has produced an Operations and Maintenance Manual template to help its members with the task of preparing O&M information for main contractors. Architectural Ironmongers are often asked to prepare information for a main contractor for its Operation and Maintenance Manual as part of the handover procedure prior to the certifying of practical completion. The provision of this information is often arduous and time-consuming. The GAI template aims to make this job easier.

This template has been provided in Word format to allow the

contents to be easily amended by the member company, depending on the nature and size of each individual project. A comprehensive set of instructions for each individual section is included on how it may be used and it is recommended that this is read fully before using each individual section.

Sections include:

- Instructions on usage of template
- Contents page
- Fabric elements – describing products used on the project

- Cover pages for technical data sheets and product certification
- Detail on cleaning, maintenance and care of finishes
- Drawing and schedule index

It has been provided as a guidance document and is not intended to be a finished exhaustive list as certain projects will necessitate further information. Also it should be noted that some of the sections are only intended as cover pages for the member company to provide their own detail within.

The template can be accessed through logging in to the members'

area on the GAI website under "templates" and it has been written by GAI technical manager Douglas Masterson who is an ironmonger with significant experience of compiling this type of information.

This is another example of a member benefit which the GAI is providing and sits neatly alongside other templates provided for master-key schedules and ironmongery schedule preambles. The GAI would encourage members to utilise the technical section of the website as it has a wealth of information relevant to all aspects of our industry.



IAI AWARDING SUCCESS IN HONG KONG

Over 40 people attended a meeting of the Hong Kong branch of the IAI in September to hear a trio of presentations from key GAI and IAI representatives from the UK.

GAI president Maria Powell opened proceedings at the DORMA Showroom, North Point with an overview of her Conference held earlier this year and the message it conveyed about relishing the challenges brought about by accelerating technologies.

This was followed by an Institute update from chairman Mario Del-Signore, who looked back at the Institute's roots while also addressing future plans. Mario encouraged greater dialogue between all IAI branches whether in the UK or elsewhere in the world.

The final presentation of the evening – from GAI chief executive Gary Amer – focussed on the brand new Education Hub. Gary explained how the project had been planned and executed to the point where it went live in September, enabling students to enrol, pay online and commence studying virtually straight away. The main GAI Education programme, comprising newly named Stages 1, 2 & 3 is now accessible to anyone, anywhere in the world. Gary demonstrated how the platform operates using a sampler from the Hub, featuring video clips, animations and self-checking points.

The HK IAI branch – chaired by John Tibbs who took over from James Wong a short time ago – has an active and engaged committee. The evening's proceedings were deputised over by Chris Sin in John Tibbs's absence. The passion and commitment of this group to their own learning and to continuous professional development was clearly evident.

At the event members who have successfully completed their Certificate in Architectural Ironmongery or Diplomas were awarded their framed certificates.

The evening concluded with a special presentation to James Wong in recognition of the huge contribution he has made to the first three years of the branch's existence. DORMA's hospitality, in providing their showroom facility, was appreciated with a specific vote of thanks expressed to Nelson Wong.

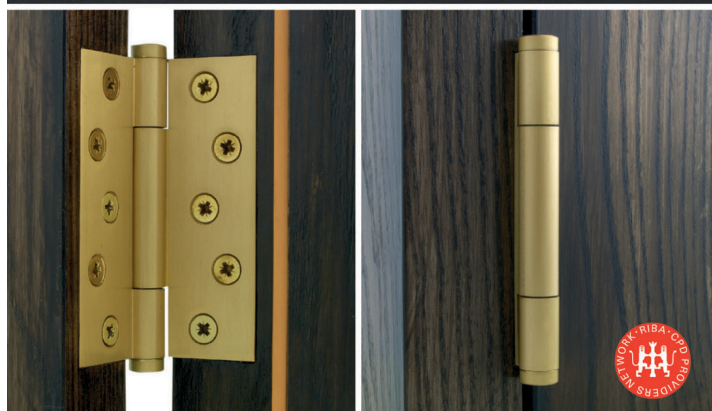
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GARY AMER • GAI TALK

// Winston Churchill described it as the “special relationship”. Churchill’s mother was American, and unsurprisingly he was passionately in favour of the particularly close Anglo-American co-operation which covered political, diplomatic, cultural, economic, military and historical relations between the nations.



Well, to that list of ties you can now add a special bond between architectural ironmongers and hardware professionals on either side of the Atlantic.

As you will see in our news (see right), the GAI has signed a Memorandum of Understanding with the Door and Hardware Institute (DHI) based in Chantilly, Northern Virginia, just west of Washington. An organisation with whom the GAI has had a working relationship for many years.

We were delighted to welcome Steve Hildebrand, executive vice president, from the DHI to our Education Awards in November. We spent time with him to identify synergies within our businesses and discuss the many opportunities for collaboration: to build benefits and value for our members and to offer added value to building clients and architects all over the world.

In future editions of AIJ we will look at how this relationship is developing and what we can learn about how door hardware is specified and sold there, and the role and reputation of AIs.

In the meantime, I hope you will join me in a hearty “howdy” to our new friends, and look forward to a special relationship that we hope will flourish between the world’s two leading bodies in this industry.

Gary Amer
Chief executive of the GAI

GAI AGREEMENT
WITH DHI MARKS
A WORLDWIDE FIRST

The GAI has signed a Memorandum of Understanding (MoU) with the Door and Hardware Institute (DHI), which represents the non-residential, architectural openings industry in North America. The two trade bodies are entering into a major knowledge-sharing collaboration agreement to boost the continued growth of the sector in the UK and USA.

Maria Powell, president of the GAI, says: “Our aim is to build a strong, long-term relationship between our organisations based on reciprocity and mutual benefit to support and further the growth of the architectural ironmongery and door hardware market and its many customers throughout the world.

“We share many common goals and interests. We’re both committed to innovation and technical development, as well as education and training, developments in accreditation, certification and the conduct of the industry.

“These key elements will inform and drive the relationship forward alongside an exploration of the commercial advantages that can be achieved.”

Bob Maas, president of the DHI, added: “The MoU provides an excellent opportunity to leverage the synergies that unite us, as we concentrate on introducing new ways of working together on complementary initiatives, especially education, that can support the aims of both our organisations.

“By pooling our resources in this way, I’m confident that we will achieve even higher levels of value for all of our members.”

Under the terms of the MoU, the two organisations will consider collaboration opportunities between the UK and USA in areas such as advocacy, the improved specification of hardware, innovation and best practice.

They will also share and promote new ideas on education and qualifications, while supporting each other’s accreditation and certification activities and code of conduct.

The two organisations will also collaborate on communications opportunities, sharing publications of interest to each other’s memberships and discussing event ideas, topics and meeting agendas.

The Door and Hardware Institute (DHI) represents the non-residential, door and hardware industry in North America. With ancestry dating back to 1934, its membership consists of manufacturer, distributor and sales representative companies, as well as individuals and credentialed consultants, and industry stakeholders such as design professionals, building code officials, and facility managers.



TEAM TACTICS



Philomena Hayward shares the secret to successful work teams

Every business needs its teams to be successful. This is particularly true of construction-related businesses where you can find yourself in more than one team at the same time and working to a matrix structure. We all have experience of teams that are not working, so what does it take to get a team to gel and perform at a high level?

CLARITY

A lack of clarity can put the brakes on anything being a success. Sometimes a team's purpose and goals are really clear but what is expected from team members individually can be too vague.

CAPABILITY

When you know what you need to deliver, you need to make sure you have the right capability and capacity in the team. So what mechanisms exist for assessing performance and identifying potential, for further personal and technical development for team members?

CONVERSATION

Successful teams have effective working relationships and they

are based on the quality of communication. How much listening goes on, what input is sought from all team members, how open and honest conversations are, how success and failure are handled. These are key to developing trust in the team and where there is trust anything is possible.

COMMITMENT

We don't always end up in teams we would have chosen. Structures change, people come and go and we are constantly required to develop and adapt. Team members need structures and support in place so that they are equipped to be flexible.

CULTURE AND LEADERSHIP

If you are the team leader your dependency on the team for success is brought into even sharper relief. As the leader you need to be aware that despite what you might say, how you behave will set the culture of your team; what informs your decisions, what you prioritise is what will influence your team. The key is to ask yourself if you are consciously creating a high performing culture and are you consistent in what you say and do?

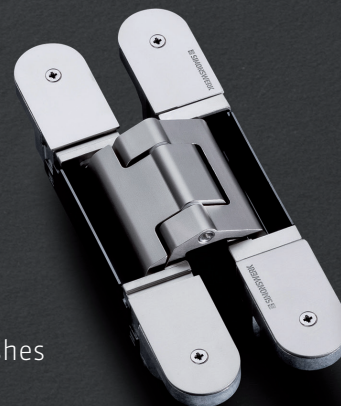
Philomena Hayward is a leadership coach and founder of Hayward Development Partnership www.hdpartnership.co.uk/

We want to know your views. If you have an opinion on an industry issue you wish to share in this Comment section please email the editor **Nicky Roger** at nicky@atompublishing.co.uk

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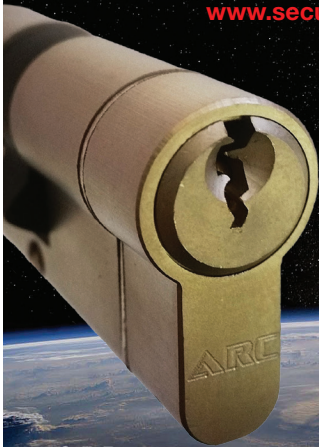
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CAUSE FOR CELEBRATION

The world's top new architectural ironmongers were honoured by the GAI at its annual Education Awards

The Guild of Architectural Ironmongers (GAI) celebrated the very best in education achievements of the next generation of architectural ironmongers at its Education Awards ceremony in November.

The largest and most important event on the architectural ironmongery calendar, this annual ceremony reflects the importance of the GAI's education syllabus as the only recognised programme in the world to deliver architectural ironmongery qualifications to British and European standards.

One hundred and twenty-six students achieved GAI qualifications and the top 12 were presented with awards at the ceremony at the Lancaster Hotel, off London's Hyde Park.

This year's event hit a new record with almost 400 guests attending from the UK, Europe, Middle East and the USA. >>>



ABOVE: Award winners with guest speaker Janet Street Porter (centre) and GAI president Maria Powell (far left). **RIGHT:** Pinnacle winner Isaac Tam with Maria Powell, Janet Street Porter and Andy Fitzgerald

// Today we celebrated the rising stars of our industry – those who have committed to a journey of learning, personal development and professional excellence”

» GAI President, Maria Powell, commented: “Today we celebrated the rising stars of our industry – those who have committed to a journey of learning, personal development and professional excellence.”

The winners were presented with cash prizes, medals or shields by Maria Powell, GAI education chairman, Andy Fitzgerald, and guest speaker, media personality, journalist and broadcaster, Janet Street-Porter.

Hong Kong’s Chinese students did exceptionally well for a second consecutive year, taking a total of six awards. These included first prize for the Diploma, the Top Scheduling Shield and the Pinnacle Award, all of which were given to Isaac Tam of

Tung Fat Ho Building Material Ltd, Hong Kong. Acknowledging the highest achieving student over all three diploma levels, the prestigious Pinnacle Award brings with it the kudos of recognition as the top student and £1,000 in travel vouchers.

Tung Fat Ho Building Material Ltd, general manager, Simon Leung, said: “These qualifications are essential for giving confidence to key players in the US and UK.

“We will continue to inspire people’s appetite for learning. Having even more top winners, just like Isaac, is a definite aspiration. Your staff are your brand ambassadors, which is why we take professional development so seriously.”



Amongst everyone who achieved the Certificate in Architectural Hardware, Brian Ferguson of CES Security Solutions Ltd, took the first prize.

The GAI recently transformed its diploma syllabus and placed all of its essential education resources on a new online Education Hub. Filled with engaging content, this interactive training platform can be accessed by hardware professionals throughout the world.

Global interest in the Guild's education programme has increased significantly to the extent that 45% of last year's learners were from outside the UK. The Education Hub is now expected to play a

major role in satisfying demand from a growing international audience.

GAI chief executive, Gary Amer, said: "This year's Education Awards provided a tremendous opportunity to reaffirm our commitment to raising the profile of qualifications in architectural ironmongery around the world. The hard work these outstanding individuals have put into developing their skills and the support they receive from their employers is incredible.

"High praise goes to all our winners and especially those from Hong Kong who continued to fly the flag for education >>>





ABOVE: Three Diplomas for Laidlaw staff
IN THE FRAME: Nikki Wilson from Lorient
 with Graham Hulland from DORMA



// High praise goes to all our winners and especially those from Hong Kong who continued to fly the flag for education and even topped the achievements of their counterparts from last year"

» and even topped the achievements of their counterparts from last year.

"Behind the many British success stories in China's buoyant architectural ironmongery market is an appreciation for learning and professional development. We wholeheartedly support this approach and it's great to see our education programmes attracting increasing global interest."

Lorient sponsored the entire GAI Education Awards event, and ASSA ABLOY sponsored the Pinnacle Award itself. ■

The winners of the Education Awards are:

PINNACLE AWARD:

Isaac Tam, Tung Fat Ho Building Material Ltd

DIPLOMA LEVEL:

Isaac Tam, Tung Fat Ho Building Material Ltd – 1st prize and Gold medal, and Shield for Top Scheduling Student

Hoi Weun Kilkenny Chan, Key Technologies International Ltd – 2nd prize and Silver medal

Trevor Walker, Laidlaw Interiors Group – 3rd prize and Bronze medal

Garry Brooks, Leaderflush Shapland Laidlaw – 4th prize

Tabish Khan, Al-Moajil Hardware – 5th prize

Aiden Brown, Mitchells Ironmongers Ltd – Shield for Top Business Studies Student

CERTIFICATE IN ARCHITECTURAL HARDWARE LEVEL:

Brian Ferguson, CES Security Solutions Ltd – 1st prize

Freda Cheung, Key Technologies International Ltd – 2nd prize

Colin Steedman, George Boyd Architectural Ironmongery – 3rd prize

Jamie Reid, Allgood plc – 4th prize

Leo Zhu, DORMA China Ltd – 5th prize

About the GAI Diploma

Following completion of the Certificate in Architectural Hardware, students can progress to the third stage – the GAI Diploma which builds on product knowledge and enables the writing of accurate hardware specifications and quotations. The GAI Diploma is particularly suited to those in customer service, contract management, scheduling and estimating, and sales. To become a Full GAI member, a company must have at least one employee who has passed the GAI Diploma.

About the Certificate in Architectural Hardware

The Certificate in Architectural Hardware is particularly useful for those working in warehouse and trade counter roles, procurement, scheduling and estimating, customer service, technical support, sales and administration.

Comprising two stages within 24 online education modules, the Certificate covers the product knowledge a practising architectural ironmonger is required to know. The modules include helpful explanations, animations and video clips, all geared to engage learners in easily digestible chunks. There are also unlimited self-tests.

The Foundation in Hardware

“

“Completing the course has certainly increased my confidence with architectural hardware products. I now have a better understanding of certain terms and details on each product group covered by the course, which will definitely help me going forward”

Häfele UK, Internal Technical
Sales employee

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BUILDING THERAPY

Maggie's Centres are cancer care facilities designed by celebrated architects. They take the view that a good design environment feeds better wellbeing, right down to the detail. Nicky Roger reports.

Maggie's Centres are the legacy of Margaret Keswick Jencks, a terminally ill woman who was married to the architectural historian and theorist Charles Jencks, who had the notion that cancer treatment environments and their results could be drastically improved through good design. Her vision was realised and continues to be realised today by numerous high profile architects, including Frank Gehry, Zaha Hadid, and Snøhetta. The Centres are built within the grounds of NHS hospitals to provide free practical, emotional and social support to people with cancer and their family and friends.

The first Maggie's Centre, designed by Richard Murphy, at the Western General Hospital in Edinburgh, opened in 1996. Richard Murphy later won the Best Conservation Award in Edinburgh and a RIBA award for his design of the Centre.

The Jencks mission – to provide free, global care for cancer patients through great architecture – has since expanded to encompass 18 building projects many of them by 'starchitects' like Richard Rogers and Rem Koolhaas. They exist in the UK, online and abroad from Edinburgh to Hong Kong and they continue to establish a reputation for their design with top flight architects creating award-winning spaces. Zaha Hadid has created one in Fife, Richard Rogers one in West London, Frank Gehry in Hong Kong and Snøhetta in Aberdeen. Foster and Partners in Manchester is next in line for 2016 and Leeds in 2017.

The architects all have the same brief – to create light and uplifting spaces but also, as Jencks insists, to be "risk taking" because "it engages with a very real existential crisis". >>>

» Mandy McMahan, head of the Nottingham Centre explains how it works. "Design and architecture are very important to Maggie's Centres and to visitors because from the outside the buildings are striking and stunning, so when people enter they come with a certain curiosity and what they're met with is this beautiful light and beautiful lines. They feel a sense of being somewhere special which is uplifting to them and makes them feel special as well."

Each of the centres incorporates an open kitchenette where patients can gather for a cup of tea, airy sitting rooms with access to gardens and other landscape features, and bountiful views. There are also private rooms for one-on-one consultations, in well-lit, humanising spaces.

Charles Jencks has said: "It is remarkable how beautiful and different the results have been. We have not had a bad building yet." Their success, he adds, can be attributed to the 'architectural placebo effect'—a building, while not wholly capable of curing illness, can act as "a secondary therapy, a feedback therapy."

WEST LONDON

Richard Rogers's lantern-like building, was the first Centre in England and won the 2009 Stirling Prize.

Rogers described the centres as "monumental and precious, like a church that isn't a church, a gallery that is not in a museum, or a house that is not a home."

The architects selected Häfele's sliding systems – Hawa Junior 80 and Junior 120 – which are designed to give silent finger touch operation even with heavy wooden doors weighing up to 120kgs each. The systems are also tested up to and far beyond the EN standard 1527 for sliding door systems guaranteeing longevity.

The doors were chosen to fit with London Maggie's Centre's warm domestic environment: most of the doors are sliding so that people can feel free to walk anywhere they want.

HONG KONG

Frank Gehry opened his second centre in Hong Kong a decade after his first collaboration with Maggie's Centres, ushering in a new international chapter in the foundation's history. The building, with its hipped roofs and red



ABOVE: Maggie Centre in Fife
BELOW: Maggie Centre in Hong Kong

tile, incorporated elements of Chinese pavilion architecture and also featured a garden designed by Maggie's daughter Lily Jencks.

The project was very personal for Gehry: "I was going through the loss of a daughter while I was designing the centre," the architect said. "I think you sort of suck it up and hope to make something that is soothing and respectful and hopeful. There's always hope, it's not a dead end."

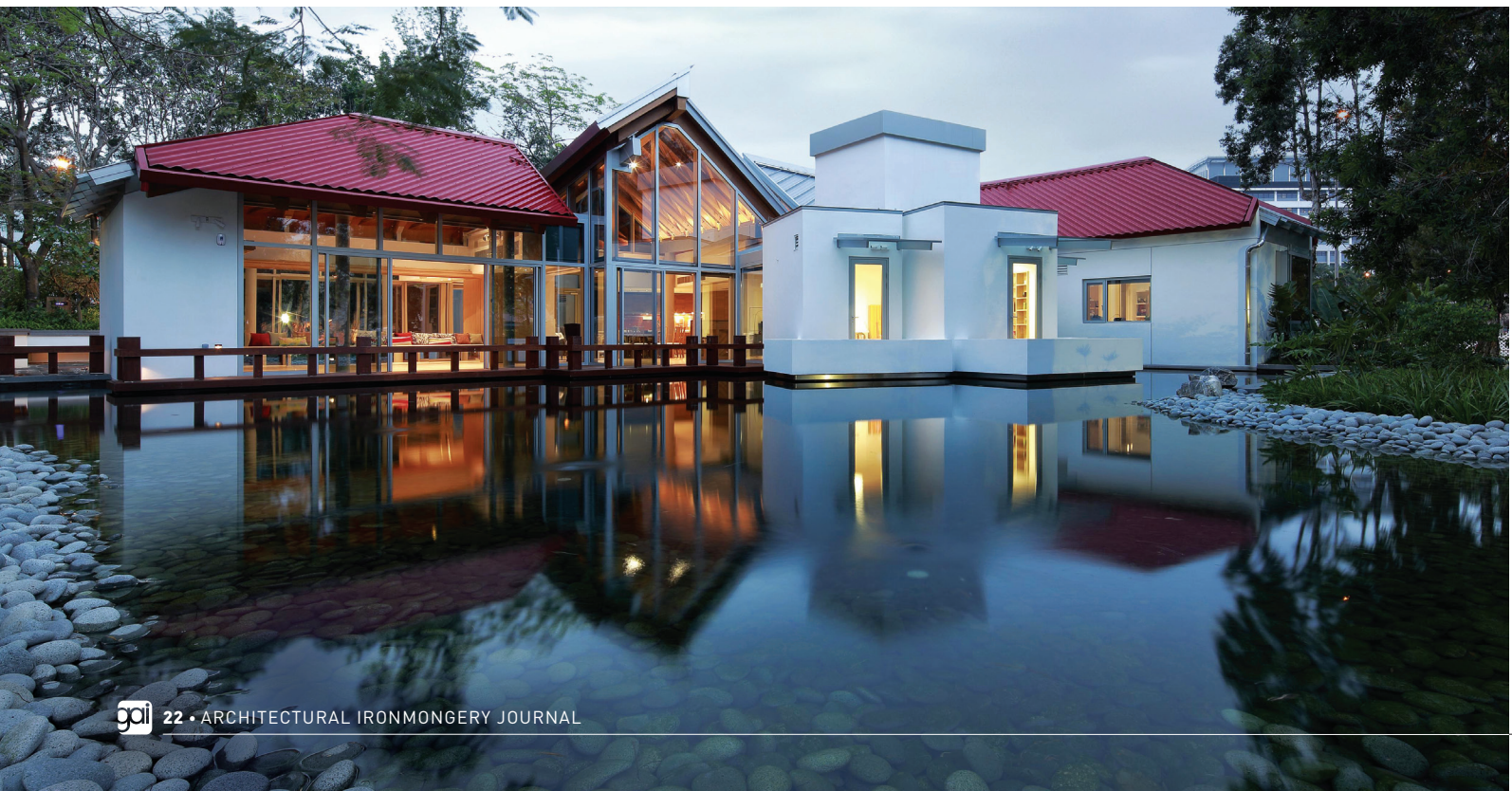
OXFORD

The Patricia Thompson Building for Maggie's Centre in Oxford was designed by architect Wilkinson Eyre and has been shortlisted for the World Architecture Festival Awards 2015.

The building features Geze Integrated all-glass system (IGG) swing door with TS 550 NV floor spring and a solenoid bolt lock for security installed at the rear of the building as a fire escape. The TS 550 NV aids closing of swing doors and apart from the cover plate is completely hidden from view.

The IGG system was specified because the profile and fittings are integrated invisibly between the panes of glass so there are no bulky or visible

RLPHONGKONG



elements on the surface of the glass. Whilst the bolt lock itself is industry standard, it is unusual for it to be fitted with an all-glass system/IGG door system.

FIFE

The Maggie's Centre Fife is within the grounds of Victoria Hospital in Kirkcaldy on the edge of a hollow adjacent to the hospital where the natural foliage and trees creates a very distinctive protected environment. As a single-storey construction, by Zaha Hadid architects, Maggie's Fife is a continuation of the existing tree-line. The centre has been designed as a transition between the two different types of spaces – the natural landscape and the hospital. The roof and two opposing walls are clad with the same material and remaining elevations a mix of translucent and clear glass. Large overhangs of the roof are used to extend the building into the landscape on both sides.

Internally the arrangement of rooms is centered on an open plan kitchen with offices on the north elevation adjacent to the entrance. To offer privacy, the rooms to the east have a semi opaque façade. Visitors to Maggie's Fife will have an unobstructed view through to the hidden natural landscape of the hollow. The internal central space is kept as open and column free as possible. A ramp connects the main space to a lower platform containing the flexi-hall. A system of shutters and sliding doors allows this space to be separated from the rest of the centre. The southern facing façade is floor-to-ceiling glazing with windows and doors allowing direct access to the terrace.

NOTTINGHAM

CZWG designed a centre on a wooded slope in the grounds of Nottingham City Hospital Campus.

The two story building 'floats' above the ground on a semi basement and is accessed by a wide bridge from up the slope. It is visibly part of the hospital but lifted up protectively amongst the trees.

The green glazed oval elevation with overlapping corners allow the many rooms required to flow from one to



// You hope to make something that is soothing and respectful and hopeful. There's always hope."

another. The style exploits the curved roof to provide different height rooms and spaces. They have been richly furnished to the design of Sir Paul Smith, a famous son of Nottingham. Large balconies extend from the rooms to within touching distance of the tree canopies. The AI was by A&H brass from its Leather Suite.

LANARKSHIRE

Architects Reiach and Hall used Sky-Frame's double-glazed sliding doors which open out onto terraces, courtyards and gardens, in line with the brief to create an air of calm, relaxation and contemplation. The system has minimal frame visibility and a completely level threshold detail; the base frame sits within the depth of the floor so internal and external floor finishes stand flush.

This helped designers meet Building Control's maximum upstand depth for exits and makes the building very accessible, even for disabled users. In fact, it is possible to walk through the entire building without encountering any threshold plates or other obstacles.

Reiach and Hall associate Laura Kinnaid said: 'The system is easy to move manually, compared to some sliding door products, which fitted with our ambition to give the scheme a domestic, user-friendly feel. The product was available in a range of finishes but in the end we went for a white powder coating. We like that fact that opening the doors different

amounts across the scheme allows users to temper breeze flow through internal and external spaces.'

LEEDS AND MANCHESTER

Two new centres in the pipeline are in Manchester and Leeds. The Manchester centre is being designed by Norman Foster, a child of the city. "Norman came to us, and I was waiting because he is an old friend of mine," Jencks says. "He had cancer, and because of his own experiences, he was really interested in doing this. He's got everything he's ever wanted in this building."

Maggie's Yorkshire in Leeds is in the creative hands of Heatherwick Studio, one of Britain's most innovative design practices. Heatherwick's work includes the award-winning UK Pavilion at the Shanghai World Expo 2010, the Olympic Cauldron for the London 2012 Olympic Games, and the New Bus for London.

Although Maggie's Yorkshire is to be one of the largest Maggie's Centres, the brief was to create a space that felt domestic. Heatherwick Studio saw an opportunity to offer a positive and uplifting environment throughout the interior and outside spaces.

To capture the calming experience of being among plants the studio's design developed as a collection of large garden planters, defining a building by enclosing a series of spaces between and within them. Their differing volumes draw the planting from the surrounding garden into and over the building itself. ■



ABOVE: Maggie's Centre Nottingham
RIGHT: Maggie's Centre Oxford



BADGE OF HONOUR

You may see it on a business card. You may see it on an architectural ironmongery schedule, a letter or email. RegAI.

Rarely does a denomination so short encapsulate so much knowledge and hard work. For Registered Architectural Ironmongers are among the most studious of people and perhaps the least appreciated jewels within the industry – the architect's true friend in times of need.

Mario Del-Signore, chairman of the Institute of Architectural Ironmongers, explains what it means to be Reg AI: "RegAI status is the benchmark standard for architectural ironmongers, and is at the heart of everything the Guild and Institute stand for – the highest possible standards of education and professionalism," he says.

From the point of view of an architectural ironmonger, the story begins with the GAI Diploma, itself a demanding but essential qualification for anyone wishing to make their career in architectural ironmongery. The Diploma is the highest formal qualification in the Guild's world-renowned education programme, building on an individual's product knowledge and enabling them to write accurate hardware specifications and quotations.

But to get RegAI accreditation is another big step further. Of the 2,500 or more diploma holders, a few hundred have achieved RegAI status, proving

their commitment, expertise and professionalism through a programme of CPD. Ten CPD points must be achieved every year, and it's strictly audited.

"Every RegAI is a qualified GAI Diploma holder and has been able to prove they are fully up-to-date with industry standards, regulations and legislation," says Mario.

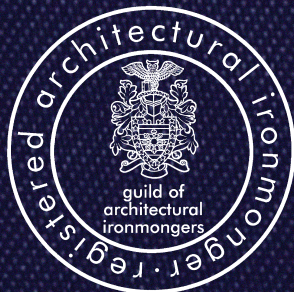
That may sound easy to some. But the reality is architectural ironmongery is subject to more than 58 British and European standards, and the hardware on a door or window such as its locks, handles, hinges and closers, is critical to the success of a building's security, fire safety and accessibility. Keeping knowledge up-to-date requires constant learning and vigilance.

"It's safety critical; fire critical," says Andy Matthews, head of sales for UK and Ireland for HOPPE UK and one of the company's five RegAIs.

"It took a lot of work to achieve the Diploma and from my perspective I just can't risk devaluing that investment and the huge amount of knowledge I gained over many years of study. It's essential for the business that I keep that knowledge current and relevant. It's part of HOPPE's commitment to training and education, and it's also a matter of personal pride to me now," he adds.

Like some other RegAIs, Andy is not himself an architectural ironmonger but works closely alongside them, and his knowledge is used to improve schedules and to add >>>

The status RegAI
is too often
unappreciated
within the industry.
Liz Male explains
the significance
of acquiring the
letters.



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» value to HOPPE's services to the industry.

It's a similar situation with Jane Snook, commercial manager at Lorient Polyproducts in Devon. Jane doesn't write schedules, but uses her expertise to advise clients better and to ensure Lorient's team is also better informed on the latest technical developments, changes to standards and regulatory requirements. This year she has completed studies on CEN standards and processes and on the latest security standards relating to doors and doorsets brought in by new building regulations, as well as a CPD module to develop her commercial awareness.

"Not everyone in our industry is aware of how much has changed," says Jane. "The GAI Diploma is a critical qualification, but the knowledge never stands still. It grows, it keeps on developing, and I need to stay up-to-date. It helps me do my job better, and it's key to what we offer as a company."

Architectural ironmonger Chris Colley, regional director at John Monaghan Ltd and a longstanding RegAI, says he's lost count of the times that he's corrected schedules for architects and clients who were about to order and fit the wrong hardware.

"It happens on a regular basis. They've either 'winged it' themselves, or joiners have fitted stuff they've used on other jobs and just assume it will be suitable," he says.

The classic is being told that something is DDA compliant (a reference to the now defunct Disability Discrimination Act). "I have to tell the architect there's no such thing as DDA compliance. It's meaningless. But my knowledge means I can advise them on how they can avoid being sued on accessibility discrimination, and that's the expertise that saves them time and money."

Chris adds: "Would you be happy to have your teeth seen to by your local garage mechanic? Of course not. It's the same in hardware. Through my RegAI status I can demonstrate I'm as up-to-the-minute as I can be. It's more assurance for my customers."

// The GAI Diploma is a critical qualification, but the knowledge never stands still. It grows, it keeps on developing, and I need to stay up-to-date. It helps me do my job better, and it's key to what we offer as a company"

Mario admits that it's not easy for RegAIs to maintain their status year after year. If someone has not collected the requisite 10 CPD points at the end of the calendar year they cease to be a RegAI until they have achieved another 10 points in the following year.

But there are many active Institute branches across the UK, as well as in Hong Kong and Dubai, which provide a strong delivery mechanism for ongoing training. And completing many of the CPD modules has also become easier since the launch of the GAI's Education Hub earlier this year, where members anywhere in the world can log in and download the necessary training materials from an online catalogue, as well as sit the mandatory tests afterwards, at any time to suit them. Making it tough also makes sure it's meaningful.

Clearly, architects and specifiers could never hope to keep on top of all the European BS EN standards for door hardware, UK regulations and the detailed requirements for fire doors, access control and other specialist specifications.

New legislation, revised standards and the demands of CE marking make scheduling increasingly complex. Add to this the ongoing developments of hardware products, many of which are now using sophisticated electronics, and it's easy to understand why architects and others in the building process need to rely confidently on the advice of professionals.

Thankfully, Registered AIs can be found across the UK and overseas. Architectural ironmongery is a diverse industry that has a wide range of manufacturers and suppliers ranging from sole traders to multinational organisations. It also includes architectural hardware suppliers and companies where architectural ironmongery may be just one of their product lines, such as access control and security solutions providers. Many of these GAI member companies will have one or more RegAIs.

Find your local Registered Architectural Ironmonger at: www.gai.org.uk and click 'Find a Member'. ■

KEY FACTS

Look out for the following letters after someone's name:

DipGAI – means they have achieved the full GAI Diploma

MinstAI – means they are a member of the Institute of Architectural Ironmongers which supports individuals (rather than companies) within the industry

RegAI – means they are a Registered Architectural Ironmonger. Check their RegAI status is current.

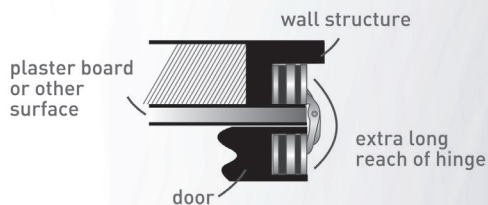


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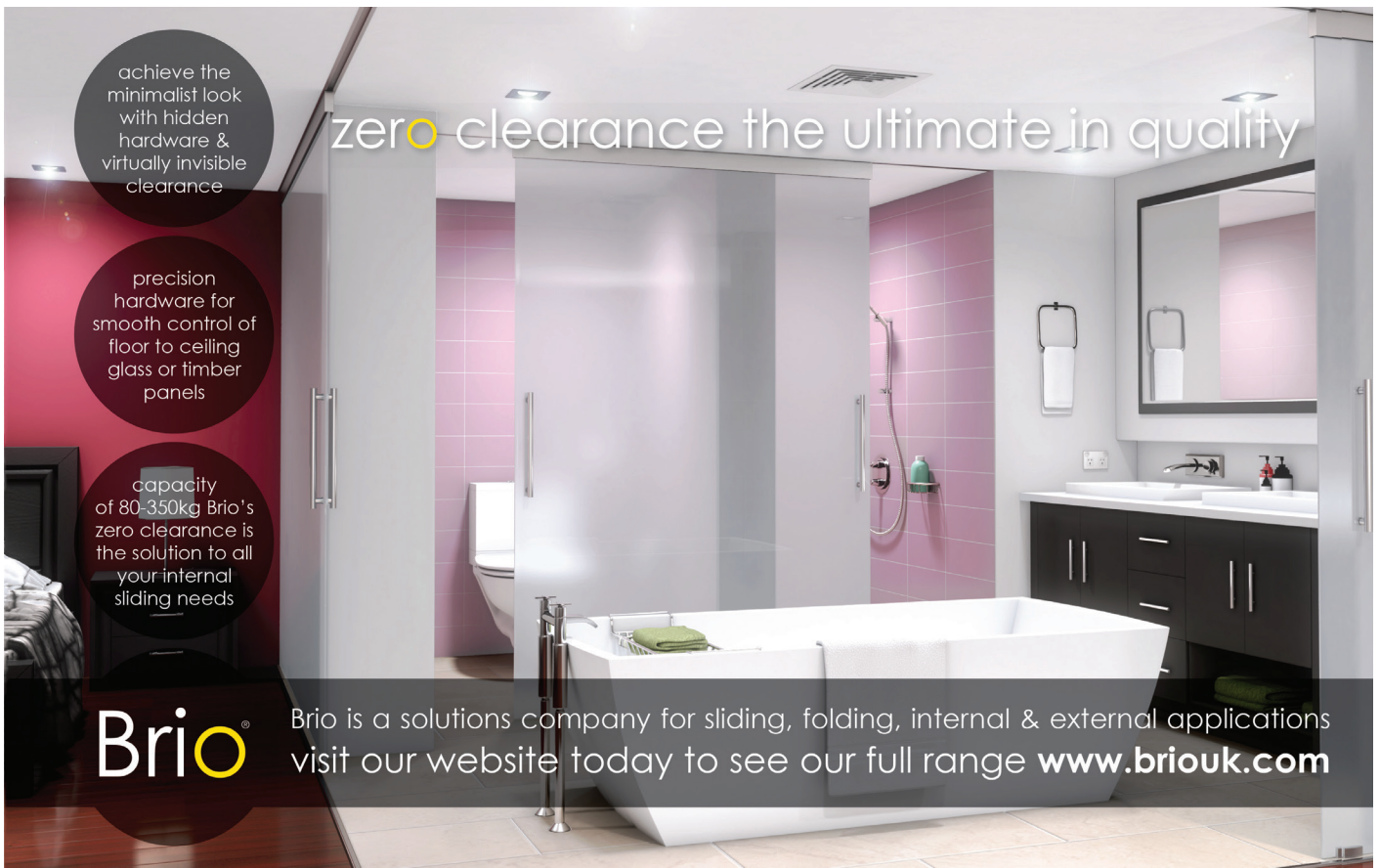
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VALUE ADDED

Em-B attributes its recent growth to core business values. **Nicky Roger** reports.



Em-B Solutions has been busy bucking trends. While most businesses merely survived the economic downturn and are tentatively emerging with cautious optimism, Em-B Solutions has been enjoying a period of growth and expansion.

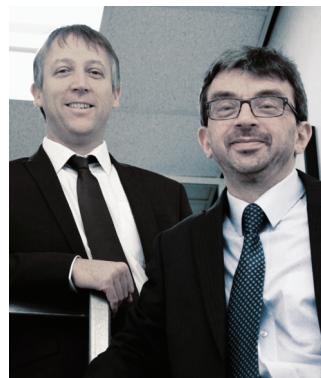
The Leeds-based, award winning provider of architectural hardware, doors, access control and washroom products began life in 1998. It quickly expanded into Ashford and Sheffield and, more recently, into new offices in London, Birmingham and Manchester.

John Kelly (pictured on the left), commercial manager, believes one reason for growth is its business ethic. "Em-B has always believed in a client-driven approach operating in partnership with all stakeholders within the construction process," he says.

"From day one, the management style of the business was to take the best elements of a plc environment and combine this with strong family entrepreneurial values. It has been important to provide a relaxed and productive working atmosphere where staff can make decisions and influence changes without the baggage of bureaucracy.

"I am confident that our colleagues in different regions feel that they can influence – and are very close to – decisions made in the business."

Product diversification and use of technology has also contributed towards the business's growth. The company is part of the thriving, independent, family-owned MB Group in Leeds. The business owners never wanted Em-B to be just a traditional ironmonger, says Kelly. "Developing a wide range of



// There has never been one route to market – it isn't about working with a contractor, architect or end user – it is about working with everybody"

products and services has always been in their vision. Much of our marketing has been to develop strong internal brands that fall under the Em-B umbrella.

"The blueprint was always to develop good working relationships with our key suppliers and to ensure that these benefits are part of the service offered to our customers.

"Another facet of our business is our significant relationships with direct clients through our involvement with the FM market. We work nationally with a large number of hospitals, universities, colleges and schools along with many other end users".

High profile projects

Em-B products are specified on a diverse range of projects, from schools and hospitals to visitor centres and commercial buildings, and featured highly in



the 2015 Specification Awards. But winning business isn't a secret recipe, says Kelly.

"There has never been one route to market. It isn't about working with a contractor, architect or end user; it is about working with everybody. Our skill is meeting everyone's aspirations. It is not an easy balancing act but you have to find a way.

"This is supported by good quality products that comply with all relevant standards and most importantly, a first class service as a distributor. That's our responsibility.

"As far as the architect is concerned, we understand we are not designers and aim to facilitate them with a choice of product options."

Obviously no business grows without problems but Andrew Earnshaw, the firm's finance

director, says that turning challenges into opportunities and keeping a faith in what you're doing is key to success.

"For us, a number of issues which many ironmongers get hung up about, we see as new opportunities to explore: doorsets, BIM, RegAI, for example. Keeping abreast of technology is sometimes challenging; it is important to work out which changes are going to add true value to the business and not just change things for the sake of it."

Earnshaw says the company has always been well resourced and has been built on extremely sound financial foundations. "The growth, since 1998, has been achieved by ensuring we have continual investment in looking to the future. The period 2008-2012 was an interesting time, but because of our

strong foundations we came through extremely well.

"However, the owners and management team would never allow complacency. The phrase "if it ain't broke..." is used a lot in the company, and so we continue to build on what we are good at.

"It's a great industry with lots of diverse opportunities. The secret is to remain positive and not dwell on things that are not really important."

More to come

Em-B is ambitious about the future with more development plans in the pipeline.

"The future of Em-B looks extremely positive, with continued investment in technologies, products, market diversification and most importantly, staff development," says Earnshaw "We expect continued growth in the future but will only achieve this

ABOVE: Em-B supplies to high-end projects including (from left): Alison Business Centre, Sheffield; 21 Queen Street, Leeds; and West Yorkshire Police Divisional HQ

if we retain the values that have got us to where we are today.

"The use of technology has provided an alternative route to market and a new customer base, where through the use of e-commerce and website development we are capitalising on the ever-growing online market.

"A combination of having really good staff and giving them the freedom to use various approaches to obtain business seems to be a successful formula for us.

"We have been consistent in our approach to business and have not wavered from the values and beliefs held from the start. I don't see this changing any time soon". ■

BUSINESS AS USUAL

?

The GAI has produced a new Technical Briefing on the CE marking of doorsets. **Douglas Masterson** reports.



The GAI has recently issued Technical Briefing 17 to follow up on the previous two publications on this subject in Technical Update 12 (which defined a doorset and a door assembly) and Technical Update 13 (which provided more up to date information on the subject in light of the Construction Products Regulation taking effect)

This new Technical Briefing, which is referred to below, answered further questions on what is happening in the market place in light of the publication of EN 16034 2015 in the Official Journal of the European Union (OJEU). This is the standard entitled: "Pedestrian doorsets, industrial, commercial, garage doors and openable windows. Product standard, performance characteristics. Fire resisting and/or smoke control characteristics."

What is the current situation with EN 16034:2015?

The dates with regard to co-existence and applicability have been subject to change over the past number of months. The information referred to below is up to date at time of going to press.

The standard itself was published in October 2014, but it had not yet become a harmonised standard (hEN). For this to occur it had to be published in the OJEU. The official date of publication of this standard was the 10th July 2015 and doorsets should therefore have been able to be CE marked to this Standard with effect from 1st December 2015. As with any new standard, there is a co-existence period wherein the Member State's existing standards can run alongside the new standard.

It had been determined by CEN that this will be three years, therefore this period was due to end on the 30th November 2018.

At the time the standard was published, the European Commission had also issued a letter which contained certain conditions for the continued publication of EN 16034:2014 in the OJEU relating to the following standards: EN 14351-1 (Windows and doors), EN 13241-1 (Industrial, commercial and garage doors and gates) and EN 16361 (Power operated pedestrian doors). The letter highlighted an apparent lack of coherence between these three product performance standards and EN 16034 relating to fire resistance. The Commission had stated that "if these inconsistencies are not resolved before the beginning of the co-existence period (ie before 1st December 2015) then it could potentially result in either postponement of the date of co-existence or else it could be deleted from the list of references in the OJEU."

It has now been confirmed that the date of applicability and the start of the co-existence period has been postponed from the 1st December 2015 until 1st September 2016 to allow for further time for the necessary changes to be made. This will mean that doorsets cannot be CE marked until after this date. It also means that the co-existence period will run until 1st September 2019.

What is the crucial difference between a doorset and a door assembly?

DOORSET

Under the CEN standards definition, a doorset is supplied by one legal entity, or company. They take responsibility for the complete doorset which is supplied as a warranted tested whole unit. This allows for one single point of contact for the main Contractor.

DOOR ASSEMBLY

A door assembly is typically supplied with parts from more than one source, with each company being legally responsible for the fire test evidence or relevant fire certification of its own

part of the final assembly. This means separate responsibilities for each part of the supply.

I am an Architectural Ironmongery Company – will I still be able to sell ironmongery which can be sold and fitted on to door assemblies on site?

Yes. But as with any ironmongery which is to be supplied on to a fire door assembly or doorset, it must be CE marked to the relevant Harmonised CEN product performance standard where it one is available.

In simplest terms, what does EN 16034: 2015 mean?

EN 16034: 2015 will be a Harmonised Standard which means, under the terms of the Construction Products Regulation, that after the end of the co-existence period (1st December 2018) anyone placing fire doorsets (but not door assemblies) on the market must have them CE marked.

Does EN 16034:2015 mean that doorsets will be the only route to market for doors?

Absolutely not! It will still be perfectly legal to supply fire/smoke door assemblies, escape door assemblies and internal non-fire door assemblies. These will continue to be seen as being acceptable in terms of to the Approved Document B and its equivalents.

I sell door assemblies – can I CE mark them?

No as they are NOT within the scope of any doorset standard, however this does not mean that you cannot sell them. They are still acceptable in terms of Approved Document B of the Building Regulations and their equivalent technical handbook and booklet in all parts of the UK and in Ireland. Put simply, just because door assemblies are not covered by EN 16034 does not mean that they can no longer be sold.

When can I legally commence CE marking doorsets?

At present doorsets can be CE marked from 1st September

2015. However, this situation may change depending on whether the inconsistencies between EN 16034 and the three standards named above are not dealt with.

What is the split in the market place between supply of doorsets and door assemblies at present?

It is hard to put an accurate figure to this but our best estimate lies at a 20% doorset to 80% door assembly split. This takes in to account steel, composite and timber doorsets within this figure

What does the GAI have to say on this matter to their membership?

Whilst any major change in legislation can have an impact on our trade, it should be noted that the specification and supply of architectural ironmongery for fire door assemblies is unchanged. Whilst there will undeniably be some demand for CE marked doorsets, this does not mean that the supply of hardware and doors separately will cease to exist. It will still continue to be "business as usual" in this regard.

Have the GAI any other advice on the subject?

Keep a watchful eye on any developments, the GAI will continue to keep you aware of what is happening in this area. Also it is always worth looking at other potential opportunities to supply product rather than just through new-build. The following areas are other examples:

- Fire Door Inspections – through FDIS scheme
- Automatic door operators – installation and commissioning
- Refurbishment and maintenance – through through Regulatory Reform (Fire Safety) Order
- Add-on sales such as washroom equipment. ■

If you have any questions please email Douglas Masterson at technical@gai.org.uk.

Douglas Masterson is the GAI technical manager.

NEW PRODUCTS



PC HENDERSON BOOSTS RANGES OF SLIDING DOORS

P C Henderson, manufacturer of sliding door hardware systems, has expanded its range of doors.

In its telescopic range it has added Universal Telescopic for use with the Soltaire 120 system for top hung timber doors weighing up to 120kg. Telescopic systems allow all the doors to be linked together using toothed belt and pulley system so they move in a simultaneous action. In addition, the door panels can be stacked into the wall cavity to allow for flexible open plan living.

Durable and corrosion resistant, Soltaire 120 features anodised aluminium track and 316 stainless steel components making it also suitable for external use. It is available in two and three door.

The firm has also added to its

Securefold exterior folding door range with the addition of a new heavier weight category product, meeting growing demand.

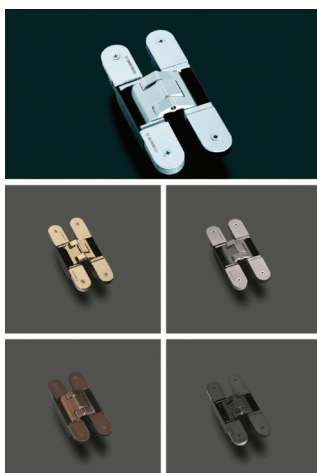
Suitable for timber or aluminium door panels, the new hardware has been tested to 150kg, making it ideal for the specification of triple glazed doors. The Securefold 150 is designed for both residential and commercial external outward opening door applications that require a heavy duty system.

To meet demands for the rustic modern interior design trend, the company has also released Rustic 80 sliding hardware. Ideal for barn conversions or period properties, it is suitable for doors up to 80kg.

» To download the brochure visit www.pchenderson.com

WIDE RANGE OF FINISHES FOR CONCEALED HINGES

SIMONSWERK hinges are uniquely available in a wide and extremely varied range of finish options from the popular satin chrome or satin nickel look to stainless steel and bronze plus a choice of powder coated, plated, brushed or polished finishes. The market leading TECTUS fully concealed hinge range, has 16 different finishes, more than any similar product from other manufacturers and a real specification bonus for architects and designers.

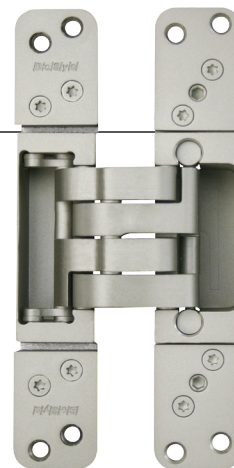


COOKE BROTHERS SHOWCASES CONCEALED HINGE

Cooke Brothers Ltd is the UK stockist and distributor of the PIVOTA ® series of fully concealed, three way adjustable, four knuckle precision hinges, which is chose to showcase at the recent 100% Design Exhibition at Olympia.

The new DX80 3-D ZA extended throw hinge, has been designed to provide a full 180 degrees of operation, while offering the option of a completely flush sightline line between the door and the wall fascia.

The DX80 incorporates 15mm of extended throw, allowing the door to swing fully open past extra wall cladding or an architrave, or for the hinge to be set further in from the edge of the timber frame, simplifying the machining process. The DX80 is suitable for maximum door weight of 80kg per pair and includes 3-dimensional adjustment and maintenance free bearings.



The standard PIVOTA ® DX series provides a comprehensive range of quality options, including machining of the hinge body from solid steel, stainless steel or aluminium, door weights from 40kg up to 350kg, three dimensional adjustment, matching cover plates for screws, fire rating and anti-jemmy protection. Standard finishes include: satin-nickel plated, simulated stainless steel, aluminium coated or a choice of galvanised finishes on request.

» For further information or literature for the PIVOTA ® range of hinges, please call 01922 740011, Email sales@cookebrothers.co.uk or visit www.cookebrothers.co.uk

FIRE DOOR SAFETY SOLUTIONS FOR TRICKY PLACES

Geofire's Salamander range of radio controlled fire door safety products suits large buildings such as theatres and stadiums, where acoustic units would not be suitable due to background noise, heritage buildings, and buildings with asbestos where it is vital not to disturb the fabric of the building.

The Salamander range has all the benefits of hard-wired electromagnetic door retainers and closers, but as the devices are wire-free, they are quick and easy to install, saving time, installation costs and disruption. The Salamander free-swung door closer and door holder are suitable for Category A installations, the safest installation defined by BS7273-4; the products suit all areas of a building including main fire escape routes. They are also approved to EN1155 and CE marked.



The devices are battery operated and connect wirelessly to a mains-powered controller unit, which is easily wired into existing fire alarm systems, ensuring that fire doors will safely close in the event of a fault or fire. One controller unit can manage up to 99 fire door closers or fire door holders. Holding open fire doors opens up access throughout a building in line with BS 8300, helps prevent wear and tear of expensive fire doors and improves a building's ventilation.

» For more details email enquiries@geofire.co.uk

ROTHLEY ADDS TO SUCCESSFUL SLIDING DOOR GEAR RANGE

Rothley Ltd, suppliers of DIY and hardware products, has added three new sliding-door systems to its expanding product range.

Known throughout the trade as suppliers of the Colorail® brand of decorative tube and fittings, in recent years Rothley has introduced a number of successful new product ranges. The current range includes sliding and folding door systems for wardrobes, cupboards, room dividers and glass doors. The three new additions to the range are HORUS – a 'double top' style sliding door system for wardrobe doors up to 45kg, and SATURN and JUPITER systems for single sliding doors



up to 45kg and 30kg respectively. Each system uses durable aluminium track which can be easily cut to length, plus high quality wheels on ball bearings for extra smooth and quiet running.

All Rothley systems are supplied in complete kits which include components, fixings and installation guides. An added benefit for stockists is the availability of a free-on-loan working display when a full stand of stock is ordered – ideal for installers to get a hands-on product experience. There are also full installation videos for all systems making installation even easier.

» Further details can be found at www.rothley.com

DOORSETS FOR HIGH VOLUME RESIDENTIAL APPLICATIONS



Leaderflush Shapland Laidlaw has issued a new Urban Edge performance doorsets brochure.

The single source fully-integrated doorset solution is specifically suited for high volume applications in new build or refurbishment projects.

The needs of building types such as student accommodation, key worker accommodation, city living

apartments, hotel chains, social housing, modular builds and MOD buildings are vastly different from those of other buildings within the construction industry.

The Urban Edge performance doorsets give developers a means to meet the specific performance and design characteristics for new build or refurbishment projects where high volumes of identical or similar doorsets are required.

» To download a PDF copy of the new Urban Edge brochure visit www.leaderflushshapland.co.uk

PRIMERA GETS A GRIP ON HANDLES

Primera Life has introduced Oryx, a styled lever handle that can be used in place of turn/pull products. Because it is based on exactly the same footprint, the company says it's simple to make a switch from one to the other. Oryx can make opening a door easier for someone who struggles with their grip or has difficulty in co-ordinating hand movement. It's ideal for use by the infirm or elderly, and because it looks like a normal lever handle it's easily recognised as such by dementia sufferers.

Oryx has been developed and produced to meet a real need – a need that's increasing with an ageing population. Oryx can be used in conjunction with other products in the Primera range and has been tested and proven to the highest standards.

» www.primeralife.co.uk



ADJUSTABLE BRACKETS FOR ELECTRO MAGNETIC LOCKS

Securefast has introduced a solution to the problem encountered when fitting adjustable brackets for face fixed electro magnets to outward opening doors.

It has prouced fully adjustable and unobtrusive brackets with a sliding plate design that allows the installer to adjust the position of the electromagnet at any point during installation. It allows for +/- 3 degrees of movement. The brackets are supplied fully assembled.

The Deedlock AEM10001 Slimline magnet functions perfectly with the ADG1-1 adjustable bracket, whilst the DG1-2 is designed to suit the 10010 standard magnets.

» www.securefast.co.uk



BRIO LAUNCHES STATE OF THE ART SLIDING DOORS

Brio has developed a cutting edge option for designers with Brio Single Run and Single Run Zero Clearance architectural hardware, designed to meet the increased demand for floor to ceiling doors. The Single Run Zero Clearance range, including glass panel options, achieve clearances of just 2.5mm between the track and top of the door.

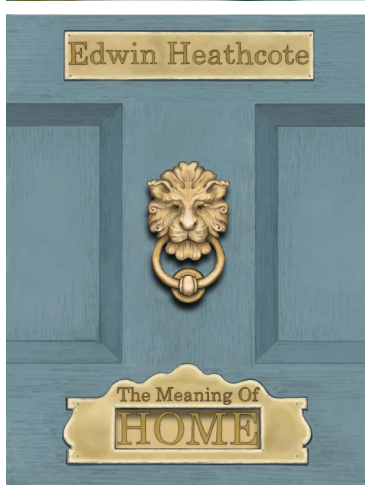
The Zero Clearance option, available across Brio's Single Run 80, Single Run 350 product portfolio, and Single Run Glass range, eliminates ceiling mounted sliding gear with hardware that is discreetly hidden from view.

The spring loaded guide and

bottom rail can also be concealed within the bottom edge of the door.

Single Run Zero Clearance has been designed for use on interior and exterior sliding shutters and doors in residential or light commercial settings. The application caters for any straight sliding top hung system from room dividers to agricultural and industrial doors – from 60kg to 350kg. The system is suitable for one panel sliding to one side or two panels bi-parting on a single run of track. Panels can also slide parallel to one another.

» See www.briouk.com



DWELLING ON DETAIL

Read this book on the hidden symbolism in your home and you'll never look at cornicing in the same way again

If you haven't already read Edwin Heathcote's book *The Meaning of Home* now is the time to add it to your Christmas list.

Heathcote is the architecture and design critic of *The Financial Times*, and the founder of the hardware manufacturer, Izé. He has a monthly column on architecture and design in *GQ Magazine* and is the editor-in-chief of online design writing archive www.readingdesign.org

In his book – which grew out of his column in the FT – he explores all the details of our homes that we often overlook and don't consider. From the rooms, fixtures and myriad little decorative details he decodes symbols and references. From windows to wardrobes, fireplaces to door knockers, Heathcote traces, in a quirky clutch of bite-size investigations, how ancient features of building, design and interior decor carry their latent symbolic

meanings into the present day. He even includes a chapter on what modernists did to the door handle.

The book achieved much critical acclaim – dubbed “witty and surprising” in one review – and Heathcote himself described it as “far from an academic. Rather, it is one aimed at anyone who has a home and has ever wondered, what, exactly a door knob, a window or a ceiling rose might really be about.” ■

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DO YOU CHECK THE SCOPE OF APPROVAL?



It is important to be aware that a fire door needs compliant door hardware and ironmongery to maintain fire safety integrity.

By checking manufacturers' 3rd party test certificates for 'scope of approval' you can ensure all components are compatible with the specification of the door. For example, is it certified on both latched and unlatched doors?

A product's suitability for door types and the installation variants is critical when lives and property could potentially be at risk.

DORMA. The Access

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