

TRUE TALENT

ALL THE WINNERS FROM THE 2017
GAI & RIBA ARCHITECTURAL IRONMONGERY
SPECIFICATION AWARDS



inside

NEWS

New CPD wins
RIBA approval

INTERVIEW

New president
David Stacey

FEATURES

How architects and
ironmongers can
work better together



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DORMAKABA CHOSEN FOR PRIORY VIEW



Dormakaba has provided a range of products for the new Priory View independent living development in Dunstable. Aspex UK specified a range of free swing door closers and low energy operators from the global provider for integrated door and access solutions to help ensure ease of access and to comply with the necessary fire regulations.

Designed by Kyle Smart Associates, the development comprises 83 apartments for people aged 55 and over who may need some support to remain independent. Client Central Bedfordshire Council required a range of high performance door closers and operators that would provide the right balance of privacy and independence, while complying with the necessary fire regulations, Approved Document M and the legal duties outlined within the Equality Act.

Architectural ironmonger Aspex UK selected TS99

electromagnetic free-swing closers from dormakaba for all 83 apartment entry doors. For all general interior doors, dormakaba's TS92 door closers were installed. They feature a cam action mechanism, whereby the door closers offer high efficiency, adjustable power and ease of operation while providing full and secure closing of the door to help meet both fire and accessibility requirements simultaneously.

"We specified dormakaba products as we knew the company offered a portfolio of products that combine quality, reliability and aesthetics," said Paul Ashberry, an Aspex UK director. "For each apartment, the free swing function of the TS99 door closers met the ethos of privacy and independence at the Priory View development, whilst safely meeting the fire and access regulations. Furthermore, we wanted to use door closers and operators that were sophisticated in style to reflect the contemporary interior."



NEW MD FOR ABUS UK

Peter Romanov is the new managing director of ABUS UK. He joins ABUS with a wealth of previous experience in the security market including both mechanical and electronic security products for both residential and commercial markets. He takes over from Nick Vanderhoest, who is retiring shortly.

Commenting on his appointment Peter said: "It is a genuine privilege for me to be able to take up this appointment with ABUS. During my career I have long seen ABUS from the perspective of both a customer and competitor, and everything I have seen has always been excellent. The product range ABUS offers is of exceptional quality, but for me, and I hope our customers, what is perhaps more important is the genuine ABUS spirit."

ZERO SEALS 20 UP

Zero Seals is celebrating its 20th anniversary this year. The company was established by Ken Drake, Rod Lovatt and Mike Quinn with Mandy Greaves and Mark Lockley joining shortly after. The business has grown in a measured way every year since then and now has 30 staff. Initially the company only sold the Zero International range of thresholds, frame seals and dropseals but the range has expanded over the years to include most hardware that is fitted to doors. The ZEROplus range now includes vision frames, louvres, finger protection, door stays, flush bolts and a lot more besides.

"I would like to thank all the customers who have been loyal to us over the years and in most instances, grown their businesses in line with ours", said Ken Drake, who remains MD.



Safehinge has acquired Primera Life, the market leading manufacturers of anti-barricade locksets and other specialist door hardware widely used in mental health environments. The companies will continue to operate as two companies

SAFEHINGE TAKES OVER PRIMERA

as part of the Safehinge Group, with no change to sales and purchasing channels, ordering, invoicing or project registration.

Safehinge commented: "Our products complement each other well, making it easier for end customers, architects, and sales and specification partners to select the right components. Plus our united specification team are trained in both Safehinge and Primera product ranges, ensuring that decision makers can make informed choices

on finger guard, doorset and ironmongery products across all our sectors. And having worked together since 2012 our products are well integrated – with Primera's locksets working seamlessly with Symphony Doorsets.

"Our sales and specification team is geographically spread across the UK (London, West Midlands, North West and Scotland), meaning we can respond quicker and attend specification meetings to provide information and support to our customers and partners."

Martin Izod and Philip Ross, co-founders and directors of Safehinge, are now directors of Primera and will work across both companies. They are supported by long-standing Safehinge chair, John McDougall, who has overseen numerous acquisitions in his career and will become the chair of Primera. Primera directors, Jerry Smith and Clive Stone, have stepped down from day-to-day operations, but are working behind the scenes to facilitate a smooth transition.

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ALLGOOD FITTED AT KINGSTON UNIVERSITY

Allgood has supplied 15 doorsets with traditional exposed lippings for the new STEM facilities at Kingston University, London. The exposed lippings provide extra protection to the door faces and

ensure they can be easily repaired and replaced if necessary. Along with the doorsets, Alite levers, latches, surface maglocks and hinges were installed, providing the laboratories with fire

protection for up to 30 minutes.

The university, which has 19,500 students, began construction of new public-facing science and technology facilities in the summer of 2016. Commenting on the specification of Allgood ironmongery and doors, Vice Dean of Kingston University's Faculty of Science, Engineering and Computing, Dr Lucy Jones said: "One of the key aspects in the design brief for our cutting-edge new STEM facilities was ensuring we had a high level of fire safety within the laboratories and teaching spaces.

"Meeting rigorous fire safety requirements is so important in a STEM setting and the new

facilities will significantly enhance our students' learning experience. Allgood doorsets have helped us achieve this, with the company applying a special laminate finish to the laboratory doors to further boost fire door safety."

The L167 Dark Grey Sonae laminate was not the only bespoke feature that Allgood provided for the project. Said Michael Thornton, site manager for subcontractor ITC Concepts: "Allgood supplied doors for the Kingston STEM project with apertures for the ironmongery 'machined out' in the factory. This offsite construction element was a huge benefit when it came to fitting the doors and saved us time and cost onsite."

AIJ PEOPLE

GEZE UK GROWS SPECIFICATION TEAM



GEZE UK has expanded and re-organised its specification team. Richard

Richardson-Derry, who joined GEZE UK in May 2014 as area specification manager for the Midlands and North region, now heads the team. He will be working closely with new recruits Matthew Gregory and Henrik Kauffman who join as specification managers for the North and South East respectively, and James White who moves across from GEZE UK's sales team.

NEW COMMERCIAL LEADER AT ALLEGION



Specialist security provider Allegion has appointed Pete Hancox

as commercial leader of its UK and Ireland businesses to build and lead strategic partnerships in specification.

Hancox joins Allegion UK in Birmingham from his recent role as client services director for HP Doors. He is no stranger to Allegion, having been part of the Ingersoll Rand security group for almost nine years, prior to his appointment with HP Doors. The new role has been created by Allegion as part of its strategy to develop more strategic partnerships with its customers.

ASTRA CHOSEN FOR ROYAL ALBERT HALL BASIN

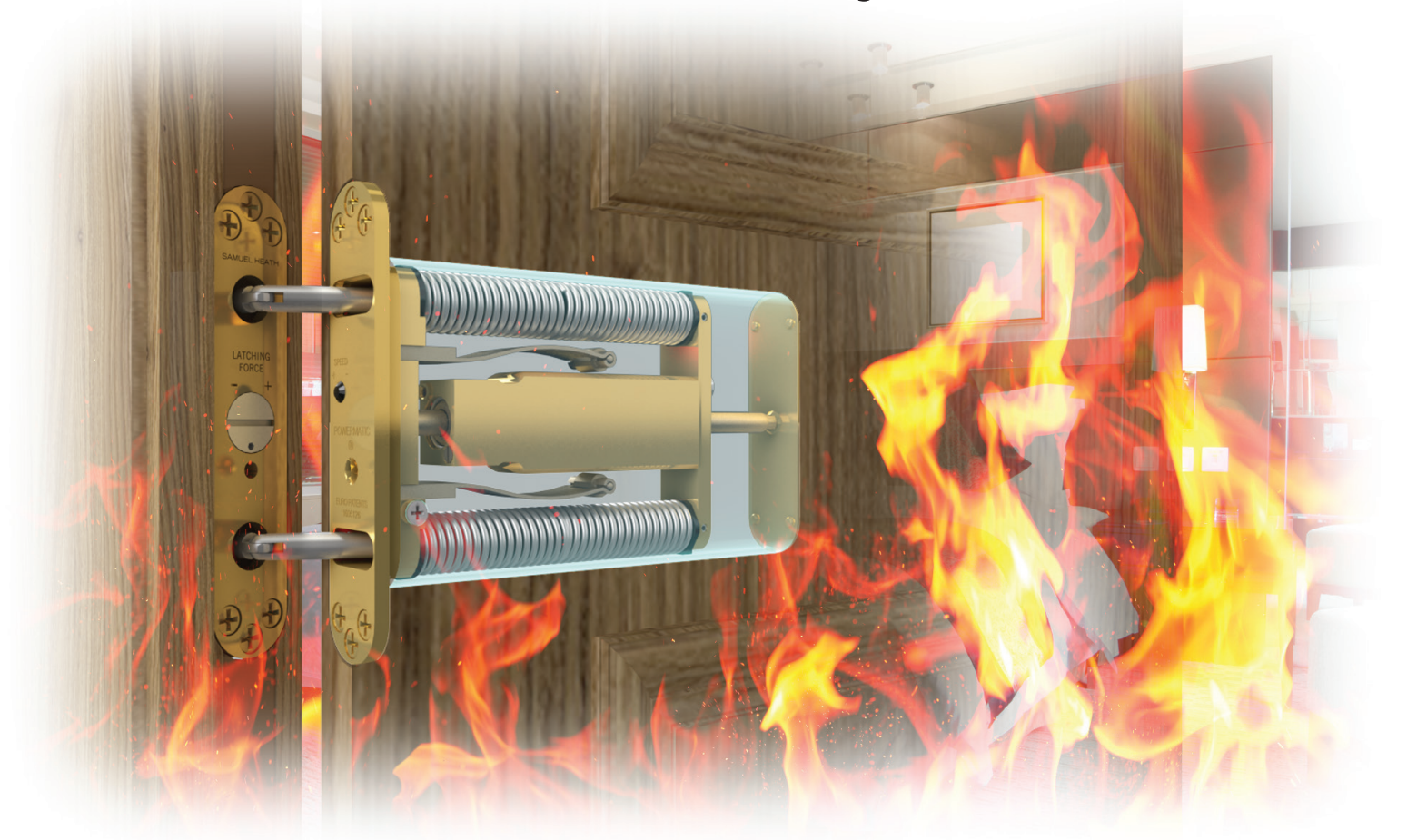


Astra's 3000 Series concealed door closers have been used on apartment entrance doors at the Royal Albert Basin residential development in East London.

Architectural ironmonger John Planck was tasked with scheduling the hardware for doors on the One Housing Group's £20.6 million project. Manager John Ducey said: "Every single fire door on this project has an Astra concealed closer. We considered overhead closers but the Astra 3000 Series won hands down on installed costs because they are so simple and foolproof to fit. Plus they have the advantage of suiting the minimalist aesthetic of the project."

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STRAIGHT TO BUSINESS FOR THE GAI'S NEW EXECUTIVE TEAM



There was an upbeat, business-focused and productive atmosphere at the GAI's AGM and Conference this year, held at the Radisson Blu Edwardian Hotel in Bloomsbury, London on 5 May

Adopting a different format to previous years, the GAI AGM and Conference 2017 provided a compact but highly informative event for the industry, all in a day's energetic proceedings. As always, the event provided the perfect forum for attendees to catch up with the future plans of the Guild while providing the opportunity to get together with customers and suppliers in a relaxed environment.

Unite and engage

Proceedings were started with an address from outgoing president Maria Powell, who reflected on her time as president and the initiatives that have been undertaken.

"The GAI president is someone who stands behind the values of the organisation, who has a duty to unite and engage, and to be brave and initiate change," said Maria in describing the role which she said had been "a privilege and honour".

"The president is someone who isn't afraid to challenge and disrupt the status quo for the good of the organisation and, quite simply, someone who rolls up their sleeves and gets stuck in," she explained – certainly an accurate summary of her approach to the Guild since 2015, described by the incoming president as two years of

"boundless energy, enthusiasm and leadership".

Delegates were reminded of some of the major highlights of the last couple of years, including the "complete revolution" in taking all the GAI's highly respected learning materials and qualifications online via the Education Hub, and the provision of a reinvigorated and prolific technical offer.

Maria also pointed to the strategic thinking that had gone into the future of the GAI, including its efforts to support and grow international branches of the Institute and the signing of a Memorandum of Understanding with the Door Hardware Institute in the USA, sharing resources in an increasingly globalised construction regulations environment.

She also celebrated the Guild's improved communications, with better PR, digital marketing, the new-look AIJ and a series of sparkling awards events over the last couple of years.

Taking up the baton

"But I'm under no illusion the job is done," said Maria. "I consider all the work undertaken by me and my fellow officers over the past two years to still be work in progress."

So it was no surprise that the business focus continued apace once Maria had officially passed

her presidential responsibilities to incoming president, David Stacey of dormakaba UK.

David's speech got straight to the point. "My immediate tasks are right up front and staring me straight in the face as I enter my term as president for the next two years," he said.

"We must recruit the right team to support the excellent head office team of Douglas Masterson, Rachel Tipton and Davina King. We will be recruiting a new director to lead the Guild, a new marketing manager and a new membership officer.

"We must also finish what we've started on education, continuing to invest in and improve the Education Hub. And we must continue to support and develop the internationalisation of the Guild and our growing membership overseas."

He also updated delegates on the important strategic work of the 'One Future Vision' group which is working towards a more unified, professional body to create the strongest possible future for the GAI and IAI.

Brexit and beyond

In addition to confirming David Stacey as the new president, the AGM ratified the appointment of Julian Newman of Oxford Ironmongery as the new vice president, and Mario Del-Signore of CESuk as treasurer.

Other formalities of the AGM included the confirmation of new and re-elected members of the GAI executive committee, a full report on the Guild's finances from the treasurer, and an informative Q&A session with Rachel Tipton, training and development manager, and Douglas Masterson, technical manager.

Following the formalities of the AGM, the room was then treated to presentations from three engaging business speakers.

Adrian Dobson, executive director for members at the RIBA, gave a fascinating insight into new research into the resilience of architectural practices in a changing economic environment, including looking at how practices are preparing for Brexit and beyond. Reviewing the responses of 21



- **£850K** approx. turnover of the GAI in 2016/17
- **428** Number of learners on the GAI education programme
- **27** GAI examinations run in overseas locations (on top of 12 UK venues)
- **3** RIBA approved CPDs now available to GAI membership
- **25** CPD presentations given in 2016/17, either at IAI branches or externally
- **3** Videos recorded and available for IAI branches
- **20%** Increase in technical helpline responses from previous year
- **22** Draft product data templates created by GAI BIM Working Group
- **4** Technical briefings published

chartered practices, he said the verdict was one of calm determination: "There's no sense of panic. They'll make the best of it."

Professor Noble Francis, economic director at the Construction Products Association, presented on the CPA's economic forecasts, as always a helpful indicator of workloads for the future, with growth skewed towards infrastructure and private housing (see Feature, pages 20-21).

Kizzy Augustin, senior associate at lawyers Pinsent Masons, provided the final electrifying presentation of the day with a huge wake-up call on health and safety liabilities in the architectural ironmongery sector. "Looking at judges' comments on the liability of manufacturers, we need just one successful prosecution and the floodgates will open," she warned.

There was a strong turnout for the GAI's AGM and Conference once again this year, and a lot of support for the event's new format. As one delegate put it: "All the right elements, packed full of value. This was a very worthwhile use of my time."



GAI EXECUTIVE COMMITTEE 2017/18

PRESIDENT:

David Stacey, dormakaba UK

VICE PRESIDENT:

Julian Newman, Oxford Ironmongery

TREASURER:

Mario Del-Signore, CESuk
(also IAI Chairman)

GAI EXECUTIVE COMMITTEE:

Steve Bewick, dormakaba UK

Paul Duggan, Exova

Wayne Harris, Harbrine

Alistair Higgins, Allgood

Paul Johnson, ASSA ABLOY

Andy Matthews, HOPPE UK

Nish Mohammed, Em-B Solutions

Maria Powell, Lorient
(Immediate past president)

Graham Shirville, Allgood

Kaz Spiewakowski, GEZE UK

Chris Taylor, 3v Architectural
Hardware

HONORARY LIFE MEMBERS OF THE EXECUTIVE COMMITTEE:

Keith Moss MBE

John Planck

David Whitworth

Thanks once again to the continued support of AGM sponsors: HOPPE UK, Izé, dormakaba, CESuk, Lorient UK, ASSA ABLOY, Exova, Oxford Ironmongery, Codelocks, Em-B Solutions, Strand Hardware, GEZE UK, Carlisle Brass

ANOTHER GAI CPD OBTAINS RIBA APPROVAL

Following on from the success of its two other RIBA approved CPDs *Ironmongery and accessibility* and *Specification of door hardware – an architect's guide*, the GAI has produced another CPD entitled *Ironmongery for fire and escape doors*, which has also been approved.

This CPD for architects and building-owners will look at the following areas:

- What a fire door is, why they are needed and what is the correct ironmongery required for them.
- What is meant by an escape door, what the correct ironmongery is and what are the appropriate relevant BS EN Standards.
- The reasons required for regular inspection of fire doors as well as correct methodology of doing so.
- Why fire doors must be maintained and some tips on what to look for when maintaining them.
- The legal, financial and ethical risks of ignoring the correct specification, supply, maintenance and inspection of fire doors and the correct ironmongery.
- Where to look for further sources of information.

Ironmongery for fire and escape doors is now available for member companies to buy along with the other CPDs at £250 each. Please contact Douglas Masterson, technical manager for further details on technical@gai.org.uk.

NEW GAI IN-HOUSE TRAINING SERVICE LAUNCHED



The GAI is now offering a new service to its membership whereby technical manager Douglas Masterson can come to your business premises to conduct a full day of in-house training. It will be a bespoke offer, specific to your business needs but topics to be covered can include BIM, sales and negotiation, BS and EN Standards, ironmongery products and access control product.

Please contact Douglas Masterson for further information including pricing details on technical@gai.org.uk.

RACHEL TIPTON • GAI TALK

// As many readers will know, the GAI has been providing a unique education, qualification and CPD programme for people who work in and around the architectural ironmongery industry since 1961.



Regarded as the brightest jewel in the Guild's crown and an asset that reinforces the industry's professionalism, the education programme has built up a strong international reputation. It's the only recognised programme in the world that leads to a qualification in architectural ironmongery to British and European standards.

All of the GAI's education services are offered through blended learning – online, coursework, classroom and in-house training courses. But increasingly the emphasis is on online learning, so through the GAI Education Hub, students studying for their Certificate in Architectural Hardware, GAI Diploma or the Guild's ongoing CPD programme can access online the huge wealth of educational resources anywhere in the world. Not forgetting the Foundation in Hardware online module which is about understanding the real basics of architectural ironmongery products.

In the run up to this year's online exams, we have been extremely thorough in our due diligence to appoint a new online examination provider. This provider brings over 20 years' experience of delivering examinations globally, and we are confident we have found the best solution for our students. We are pleased to be working in partnership with such a well-respected provider.

This selection process has taken a lot more time than we envisaged, so as a result we have rescheduled the exams for GAI Certificate in Architectural Hardware; Stages 1 and 2 for September instead of July. (Stage 3 students taking their final Diploma exam will not be affected by this change.) This is necessary to ensure that we deliver an examination that meets all requirements.

Our apologies for any inconvenience this may cause. But on the upside, more time to study!

We wish all our learners good luck, and look forward to seeing the very best of the year's students at the prestigious Education Awards on Thursday 9 November 2017 at the Lancaster Hotel, London

Rachel Tipton
Training and Development Manager



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PROFILE

DAVID STACEY

Life is pretty good for David Stacey right now. He's just become president of the Guild. He's got a firm plan for its future. And his beloved Tottenham Hotspur finished second in the league, well above deadly rivals Arsenal.

The dormakaba UK director assumed the chain of leadership at the recent AGM after 13 years' dedicated service to the Guild, the last two as vice president and two years as treasurer before that.

When he came on to the executive committee in 2004, David had no experience of the world of ironmongery. He'd just joined DORMA UK following an international career selling and marketing construction products and his predecessor thought it would be a good idea to get involved with the Guild.

Recalls David: "As soon as I began at DORMA, retiring managing director Bob Ramage urged me to become involved with the GAI executive. He'd been in the industry for a long time and was a big Guild fan. He saw how it helped develop the professionalism of the industry and raised standards. Dorma Door Controls had been a founder member back in the 1960s and had always felt the Guild was a perfect fit for its own professionalism. So, I followed his advice and became a member of the executive committee."

David quickly became as big a fan as Bob, and threw himself into Guild activities. "It became an essential part of my own professional development. I met so many people from across the industry and from companies of all sizes, many of them rivals of course, and I learnt so much from them all."

When appointed as treasurer back in 2013, David told AIJ: "I'm not an ironmonger but I'm as much of an anorak as anyone. If you want to really enjoy your job, you have to take an interest in what you're doing so I look at ironmongery all the time – much to my family's amusement. But it's the passion for ironmongery that is a key proposition for the AI."

The new president is looking to grow the Guild in the coming years

Four years on, he's every bit as passionate about the industry, and very proud of the way the Guild has developed over the past few years.

"We've definitely come a long way in modernising Guild activities. There's been a lot of evolution and a bit of revolution.

"We've gone from paper-based education and qualifications to an online learning platform because that's the future."

It's also crucial to the Guild's future, says David. "We need a digital channel in order to grow overseas and develop our global presence. Already, 40% of our membership is overseas so it's a very important part of the Guild. That section is growing and we're determined to keep it growing. The UK is a very mature market in terms of membership and the opportunities for further growth are overseas."

"We've got strong membership in the Gulf and Dubai and have a branch in Hong Kong. I'm very much looking forward to visiting members there and presenting their certificates and diplomas."

As well as nurturing this part of the Guild, David wants to bring in new young members in the UK.

"It's a big challenge. People are struggling to recruit youngsters into ironmongery – it's not seen as a sexy industry."

David's approach is to make it more relevant to young people. Making clear the

link between ironmongery and architecture could prove fruitful, he believes.

"Firstly, we need to ensure that our training programme continues to deliver the knowledge the members require and from that base we can build on the community that links into architecture, construction, manufacturing and joinery as these are good touch points for young people. And we've got to embrace the use of social media."

Top of his to-do list is sorting out internal recruitment issues and ensuring the on-line education programme is delivered with 100% efficiency. "There's lots to do, but we're lucky the Guild has three very dedicated team members in Rachel Tipton, our training and development manager, Douglas Masterson, our technical manager, and Davina King our finance and administration manager who all do a fantastic job for us."

The next two years promise to be a very interesting time for AIs, with the influence of BIM and contractor dominance growing ever stronger. However, David and his team are well prepared. "I may be the new president but there's a very strong sense of continuity at the Guild and we have a five-year rolling plan that I'm sure will position us well for the future." ■

CV

Born: 1960, Edmonton, London, (not far from White Hart Lane)

Educated: Richard Hale Grammar School, Hertford. Member of the Chartered Institute of Marketing.

Career: Local authorities while attending college on a day release scheme studying civil engineering. Spells in Dubai, Sydney, Hong Kong, Jeddah and the UK with Expandite, Fosroc, Junckers, and since 2003 with DORMA UK

Lives: Hertford

Home life: Married with three grown-up children

Hobbies: Golf, craft beer, theatre and Tottenham Hotspur.



// We've definitely come a long way in modernising Guild activities. There's been a lot of evolution and a little bit of revolution"

PHOTOGRAPHY: WILDE FRY



THE VERY BEST OF ARCHITECTURAL IRONMONGERY

The highlight of the architectural ironmongery calendar is the Guild's Specification Awards, held in conjunction with RIBA. This year's entries were of exceptional quality but the following projects were all worthy winners

// The imaginative specification of architectural ironmongery included door furniture in solid cast nickel silver, which is thought to be the first use of nickel silver in a major project since the 1960s"

A stunning residential project in London has been crowned the global 'winner of winners' in the biennial Architectural Ironmongery Specification Awards, organised by the GAI in association with the Royal Institute of British Architects (RIBA).

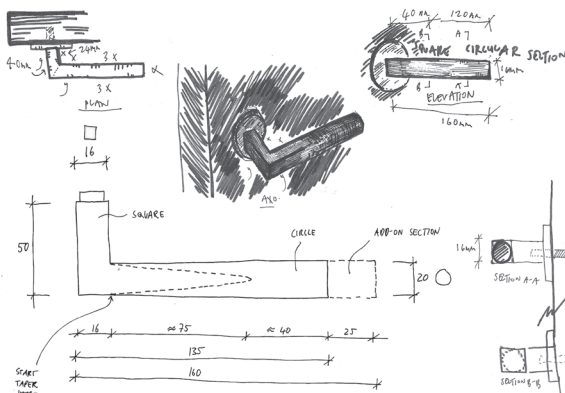
Kings Gate in Victoria Street, London SW1 is a development of 100 luxury apartments and penthouses by Land Securities. The imaginative specification of architectural ironmongery included door furniture in solid cast nickel silver, which is thought to be the first use of nickel silver in a major project since the 1960s. The effect is enhanced by a variety of hardware, custom designed to the architect's conceptual detail.

The architect was Lynch Architects, and the architectural ironmonger was izé.

The project beat 19 other shortlisted projects to scoop the top prize, which was sponsored by GEZE UK. The awards were created to reward excellence in the specification of architectural ironmongery in residential and commercial buildings, public sector health and education buildings, hospitality buildings such as hotels, and international projects outside the UK and Ireland.

Architects, specifiers, building contractors, clients and their architectural ironmongery advisers across the world nominate their projects, and every shortlisted entry receives a visit from an experienced assessor.

For each building, judges are looking at the scope of works, the suitability of the architectural



ironmongery and its fitness for purpose, its compliance with relevant regulations and standards, and its aesthetic excellence.

The judges said of Kings Gate:

"This is a stunning development. We felt that the design, manufacture and supply of the bespoke handles really demonstrated the value that comes from such a strong relationship between architect and architectural ironmonger.

"Other ironmongery specified to great effect included concealed hinges and flush pull handles which required little emphasis to fade neatly in to the background. izé has sensitively selected the appropriate fittings throughout this scheme in all situations and should be justly proud of the end result."

Kings Gate was also the Residential category winner. >>>



Residential - First and Winner of Winners
Kings Gate, London – izé and Lynch Architects. Pictured left to right are: Maria Powell, former president of the GAI, Ivana Kubicova, izé, Claudia Lynch, Lynch Architects, Nick Doyle, izé, and Kaz Spiewakowski, GEZE UK, sponsor of the 'winner of winners' category.



THE OTHER CATEGORY AWARD WINNERS

RESIDENTIAL

Sponsored by Frank Allart

- **1st Place:** Kings Gate - izé and Lynch Architects
- **2nd Place:** Orme Square – izé and Pilbrow & Partners
- **3rd Place:** Hop House - John Planck and Brimelow McSweeney Architects

Winner: project summary

Hackney-based studio Lynch Architects and door hardware manufacturer and architectural ironmonger izé created the 'Vicky' range of door handles in solid cast nickel silver especially for Kings Gate, the residential development in Victoria Street, London SW1.

GAI experts praised the unique design of the handles with their dual profiles.

"It's a very simple idea, the transition from a circle to a square; so the handle is curved where your palm pulls it, and flat where your thumb pushes it. This idea works for both the D-handle and the lever handle. It makes the handles much easier and comfortable to grasp," explained Claudia Lynch, director of Lynch Architects.

"We learned a lot about the specification of door hardware through our collaboration with izé," said Claudia. "And we love the

material for these handles. It's warmer than steel and it works well with other items in the building."

"The idea was to reconcile the rigorous geometries of the square and the circle in a section which morphs from one to the other, giving a comfortable round grip but presenting the beginnings of a square section to the thumb as it pulls," said Nick Doyle, project director at izé.

The judges said of Kings Gate:

"Simple and surprising, the D handle addresses and brings together two archetypes of handle design, the tube and the bar. Claudia Lynch then developed the concept with Patrick creating a complimentary lever handle. Lynch Architects defended this specification throughout the construction of Kings Gate, and combined with the support and craftsmanship of the joinery subcontractors Brown and Carroll, the result has literally been a triumph."

COMMERCIAL

Sponsored by ASSA ABLOY UK

- **1st Place:** Design Museum, London – Allgood and John Pawson
- **2nd Place:** Leadenhall Building – Allgood and Rogers Stirk Harbour & Partners
- **3rd Place:** Airedale International Air Conditioning – Em-B Solutions and DarntonB3 Architecture

Winner: project summary

The New Design Museum reopened to the public at the end of 2016 at its new premises in Kensington High Street, West London. A unique landmark from the 1960s, the building is Grade II listed and today showcases the best in contemporary design and architecture.

With innovation and art as the core concept of this project, it was essential that the ironmongery package was in keeping with the museum's atmosphere. The challenge for architectural ironmongers Allgood plc and architects John Pawson was how they could use creative, subtle hardware that could withstand the high footfall and heavy usage of a

public building. They needed a high performance, low maintenance solution.

The architect wanted hidden hardware to maintain the aesthetics of the doors. Floor spring commander units, concealed overhead door closers and concealed magnetic door stops allowed the door to be the focal point.

In order to make sure the building was accessible to everyone, Grade 316 stainless steel pull handles were fitted to all the glass and some wooden entrance doors, and in the back of house areas, Modric u-shape lever handles and turns were fitted, ensuring they adhered to BS8300.

The judges said of the New Design Museum:

"The specification of concealed hinges, closers and electric locking combined with strong robust ironmongery which was well fitted matched the brief from the client and architect. Added extras such as automatic swing door operators on disabled toilet doors and finger trap protection added to the overall strength of the argument in choosing the winner of this category.

"If the brief was to match the look, feel and specification of the ironmongery with the building and its contents then our view would be that it has succeeded. It is well fitted, well specified and looks great in situ."

PUBLIC HEALTH & EDUCATION

Sponsored by Forza Doors

● **1st Place:** Acre Mill, Huddersfield – Em-B Solutions and Jefferson Sheard Architects

● **2nd Place:** New Bodleian Library, Oxford – John Planck Ltd and WilkinsonEyre

● **3rd Place:** Academic Wing, Wolfson College, Oxford – d line Eisenware and Berman Guedes Stretton Architects

Winner: project summary

A state-of-the-art healthcare facility, the Acre Mill outpatients centre has already won other industry awards for its £14m conversion of a 56,000 sq ft Grade II listed former wire mill in Lindley, Huddersfield. Acre Mills is the

// This building was a derelict mill that was thought by many to be impossible to convert to an NHS Outpatients Department "

first UK health sector development project to be completed by a public private partnership, the Pennine Property Partnership LLP, on behalf of Henry Boot Developments and Calderdale & Huddersfield NHS Foundation Trust.

Dealing with a listed building and a tight budget impacted the architectural hardware decisions of Em-B Solutions and Jefferson Sheard Architects. The specification took into consideration

the need to conserve and retain the building's natural features.

The majority of the doors have Grade 4 round bar return satin anodised aluminium (SAA) lever handles, and corridor doors also use SAA but on D-type pull handles. The SAA finish was specified for its durability as it is better in high traffic areas and can withstand abrasive cleaners. It is also easy and relatively inexpensive to maintain.

Other ironmongery specifications included digital locks for increased privacy and security, and the use of nylon handles on the laser treatment rooms to prevent interference with the sensitive laser machines.

The judges said of Acre Mill:

"This building was a derelict mill that was thought by many to be impossible to convert to an NHS Outpatients Department. The ironmongery specified and fitted was of a high specification, well matched to the internal feel of the building.

"Such was the care given to the project that every door, approximately 330 in total, was checked by a former fire officer for compliance, operation and necessary adjustments. This included closer power, speed and latching to suit each application, including accessibility."

HOSPITALITY

Sponsored by Harbrine

● **1st Place:** The Arts Club Hotel, London – Harbrine and Sagrada

● **2nd Place:** Wombat's City Hostel, London – Häfele UK and Mulroy Architects

● **3rd Place:** Berkeley Hotel, London – izé and Heah & Co Design Consultants

Winner: project summary

An exclusive boutique hotel, the Arts Club Hotel project involved the transformation of three floors >>>

Left from top:
Kings Gate, London,
Design Museum,
London
This page: Acre Mill
outpatients centre





previously used as office space above the famous private members' club founded by Charles Dickens. The hotel contains just 16 bedrooms and suites, and is only open to members and their friends.

Harbrine and Sagrada were challenged with creating a glamorous interior that was an extension of

Top: The Arts Club Hotel, London, Bottom: Shantou University Medical College, China

the style of the Arts Club itself. The ironmongery had to meet the highest of standards, considering the club's history while meeting modern expectations.

The architectural hardware specified by Harbrine ensured that the ironmongery reflected the age and beauty of the building, as well as being functionally robust. After being provided with the style guidelines and required dimensions, which were non-standard sizes, Harbrine worked with manufacturer Frank Allart to customise a number of its handles to meet the needs of the project.

The specified hardware includes hinges by Royde & Tucker and door controls by DORMA. These were subtly integrated into the room to provide long-lasting functionality without disturbing the aesthetics.

The judges said of the Arts Club Hotel:

"This project demanded an ironmongery specification which paid close attention to the age and importance of the building. This is what it received to a very high level.

"The specification was bronze and despite the huge difficulties often experienced in matching

bronze finishes with ironmongery from different manufacturers, this was a huge success. The attention to detail on this project such as the bronze finishing on the forends and faceplates of the hotel bedroom locks was also particularly impressive.

"An excellent project which married the finish, form and function of the ironmongery to the project to an outstanding degree."

INTERNATIONAL

Sponsored by Carlisle Brass

● **1st Place:** Shantou University Medical College, China – Key Technologies International and Herzog & de Meuron Basel

● **2nd Place:** Midfield Concourse, Hong Kong – Key Technologies International and Aedas Group International

● **3rd Place:** Four Seasons, Dubai – Allgood and WATG

Winner: project summary

The Shantou University Medical College (SUMC) in Guangdong Province, China challenged architectural ironmongers KeyTech and architects Herzog & de Meuron Basel to balance different expectations and practices of Swiss, Hong Kong and mainland Chinese stakeholders while meeting the needs of the end users.

The SUMC project also aimed to be as environmentally friendly as possible. It used ironmongery produced within 800 km of the construction site, reducing the carbon footprint generated from transportation. Another benefit of this is that any hardware needed for future maintenance can be easily and quickly obtained.

The door controls were also chosen based on their environmental impact. These were from ECO Schulte with SSS U-Covers. The closers, from the Newton series, are 1kg lighter than similar hardware solutions in accordance with ECO GREEN principle, which saves considerable natural resources without compromising functionality, safety, security or quality.





The judges said of the SUMC:

"The building is a visually stunning piece of architecture, providing an interesting and challenging project to schedule and supply. The rectangular shape of the feature pull handles specified and supplied to the entrance doors echoed nicely with the design of the building. Products selected throughout the project were perfect for clean lines and aesthetics.

"This is a beautiful project with the ironmongery integrating seamlessly with the design intent, and demonstrating that a project such as this can certainly be delivered within budgetary constraints to the highest standards." ■



Winning awards with a Registered Architectural Ironmonger

GAI-qualified architectural ironmongers work with architects, interior designers, contractors and others to schedule and specify the hardware for every door and window in a building.

It's a complex, responsible role, and a hard one to master, given that hardware is subject to more than 58 British and European standards.

Of the thousands of GAI Diploma holders around the world, an elite group has taken their education further, achieving Registered Architectural Ironmonger (RegAI) status, proving their commitment, expertise and professionalism through a programme of CPD.

Every RegAI can prove they are fully up-to-date with industry standards, regulations and legislation. RegAI status represents the highest possible standards of education and professionalism.

Find your local Registered Architectural Ironmonger at www.gai.org.uk

// The Specification Awards show architectural ironmongery at its beautiful best. There is skill, design brilliance and years of technical experience that go into specifying these door hardware solutions, enhancing not only the security, accessibility and fire safety of the building, but also adding to its functionality and longevity."

Maria Powell,
former president of the GAI



BREXIT AND SKILLS CAST SHADOW OVER BUOYANCY



Construction output looks set to rise but uncertainty dogs the medium-term says the Construction Products Association's Economics Director **Noble Francis**

It's a curious time for construction. Activity on the ground is currently buoyant and, furthermore, the Construction Products Association (CPA) construction forecasts are optimistic for the industry in the next few years. Output in construction is forecast to increase by 1.3% in 2017 and 1.2% in 2018. Construction output is also anticipated to grow by a further 2.3% in 2019. However, although there are many reasons to be optimistic, there are also some areas of concerns. In the short-term, a lack of skills and rising materials costs may hinder growth. Also, industry

growth between now and 2019 will be heavily reliant on major infrastructure projects and continued growth in private house building, offsetting falls in activity in commercial offices and retail sectors. In addition, in the medium-term, Brexit will pose many challenges for construction and how the industry addresses these will be key to its fortunes after 2019.

The infrastructure sector is expected to be the key driver of the construction growth going forward. Overall, in the sector, output is expected to increase by 7.3% in 2017, 11.1% in 2018 and 12.8% in

80% of the materials and products used in construction are made here in the UK

2019. This is likely to be driven by major projects in the roads, rail, water, airports and energy sectors covering all parts of the country. Everything from the £1 billion Manchester Airport project to the £4.2 billion Thames Tideway project in London, the £18 billion Hinkley Point C project and the £48 billion HS2 project.

Most readers will be thinking that this is nothing to do with you as you don't do railtracks or tunnels or nuclear specific engineering. But remember, a lot of the activity on these major projects is for additional facilities, the housing and offices. And all you need

is a niche of one of these projects and you have millions of pounds of work.

Prospects are also good in the private housing sector. Major house builders have been sustained by Help to Buy, which accounted for 39.8% of home sales in 2016 Q4 and while there is house price inflation they will be happy to increase supply. The CPA forecasts that private housing starts will grow by 3% this year and 2% in 2018, which takes account of a sharp fall in starts in the niche of Central London prime residential, which continues to suffer from a vast oversupply.

Office construction falling

However, commercial activity is expected to fall. Office construction is currently at peak levels due to demand for high profile office space from the technology, media, and telecoms sector in London, Birmingham and particularly Manchester. Despite this, contract awards for new offices fell away sharply in 2016 due to concern for long-term demand from financial services. This is expected to feed through at the end of this year and office construction is expected to fall 1% in 2017 before falls of 12% in 2018 and a further 5% in 2019. Retail construction activity has been declining in the last three years and is forecast to decline further in the next 18 months.

The long-term trend away from high street shopping and towards online shopping, which in April accounted for 16% of all retail sales, skews construction away from valuable retail towards warehouses. This trend will only continue in the future. In the short-term, the depreciations in sterling following the EU Referendum have led to a rise in prices and consumer spending is likely to be highly constrained, which will impact on retail construction. Declines of 4% and 2% in 2017 and 2018 respectively are forecast.

Looking beyond 2019 is increasingly difficult due to Brexit and there are some specific reasons why Brexit may impact on construction more than other sectors.

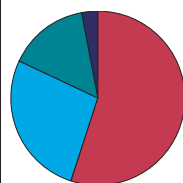
In terms of labour, we already have skills shortages in construction.

In the first quarter of 2017, 63% of contractors reported difficulties recruiting bricklayers, 44% reported difficulties recruiting carpenters and a further 33% reported difficulties recruiting plasterers. However, it wasn't just trades that were in short supply. Contractors also stated that it was hard to find enough good quality site managers, planners and civil engineers.

In addition, the construction sector has a high reliance on foreign labour, particularly in London. On the official data, 45% of labour in construction is from abroad and 27% is from the EU alone. But official data underestimate foreign labour as many migrants prefer not to be in official surveys for a variety of reasons, both legitimate and illegitimate. House builders say foreign labour on site is closer to 60%-70% in London. And the key issue is that once we leave the EU there will be some restrictions to movements of labour, even if it is just a work permit. However, whatever restrictions are put in place for the movement of labour after the UK leaves the EU, even if it is just a work permit, there will be an associated financial and administrative cost. Yet, 86% of construction employment is in small and medium size enterprises, who are least able to deal with additional financial costs. They also don't have the resource necessary to deal with the admin. So Brexit is going to mean a change in the contractor business model.

In terms of trade, 80% of the materials and products used in construction are made here in the UK but of the remaining imports, 62% of

86% of construction employment is in small and medium size enterprises, who are least able to deal with additional financial costs."



Country of birth of construction workers (2014-16)

■ UK 55%
■ EU 27%
■ Rest of the world 15%
■ Rest of Europe 27%

Source: Office for National Statistics Labour Force Survey, 2014-16

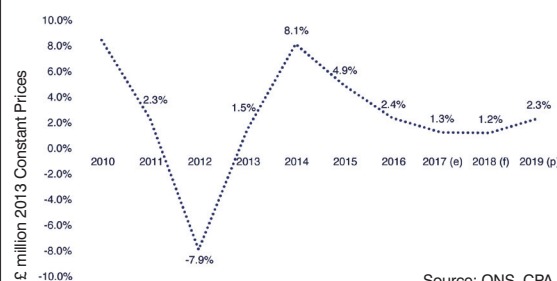
them come from the EU. Now, it's not just about substituting the imports for domestic production. Imports serve a specific purpose. When recession hits construction, manufacturing capacity closes. Then, when the industry starts to recover, imports are used to meet that initial rise in demand before UK manufacturers think about reopening factories. If we don't have access to the imports, it hinders our ability to recover from recession. So product manufacturing business models will have to change. Also, there are some products, like softwood timber, that we cannot just suddenly start to grow here so we need imports - 92% of softwood timber imports come from the EU.

It is not about an import tariff being imposed. Depreciations in sterling mean that the price has gone up 20% anyway so a small import tariff makes little difference. The key problems are barriers rather than tariffs. Business models have developed to be efficient, not to hold stocks or even have capacity for stocks. What happens when goods and people are slowed down? What happens when the drivers are stopped and their documents checked? Again, there will have to be changes in the business model.

Business models must change

So, in the medium-term, business models will have to change for contractors and product manufacturers but we don't know how the business models will change at the moment. The market environment dictates what the business models will look like and we don't know what the market environment will be like post-Brexit. However, the issues will need to be dealt with. In the short-term though, construction activity is relatively buoyant and the more pressing issues are skills shortages, cost rises and, in some sectors, falling contract awards. ■

Forecast of total construction output growth



Source: ONS, CPA



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advancing architectural ironmongery



GAI RIBA Approved CPDs

The GAI have now created two CPDs which have been approved by the Royal Institute of British Architects. As they are RIBA approved this means that architects will be able to receive double learning points for attending a presentation of this CPD. These CPDs are now available to GAI membership to purchase at a cost of £250 plus VAT each

Ironmongery and accessibility

This looks at the following areas: legislation, including the Disability Discrimination Act, Equality Act, BS 8300: 2009, and Approved Documents and their equivalents throughout the UK and Ireland; the impact of BS 8300, specifically on products such as door closers, automatic door operators, door furniture and hardware such as hinges, locks and panic hardware. This also features access control products and handrails, and; visual contrast and light reflectance values.

Specification of door hardware – an architect's guide.

This is based on the publication of the same name which is available in hard copy or to download from the GAI website. This presentation is intended as a guide for architects on what architectural ironmongery is and how the process of correctly specifying these critical items comes together.

For further details please contact **technical@gai.org.uk**

WHERE ARE THEY NOW ?

FADI AMMOUN
DIPGAI, MINSTAI



The GAI website opened up a new world of opportunity for this Lebanese ironmonger



Fadi Ammoun holds a unique position in the Guild of Architectural Ironmongers – he is the only RegAI in Lebanon, and is understandably very proud of his achievement.

Now 48 years old, he's been part of the architectural ironmongery world since 2008 when a local Beirut firm, Harb Trading, which specializes in wood coating, furniture fittings and kitchen accessories, headhunted him to help position them in the architectural ironmongery sector.

Says Fadi: "I had been working in sales and management roles for over 18 years but did not know anything about the architectural ironmongery industry. I still remember when I met the first client and he asked me, is this door left handed or right handed? He'd been discussing it with an architectural hardware supplier who was selling American architectural hardware, and he was so confused because he was convinced that his door was a right hand door while the supplier was insisting it was a left hand door".

"But I was lucky enough to discover the GAI website, and I told my previous management that I must take the GAI courses. They backed me and I studied online for three years. The handling of hardware course level 1 in the first year of GAI study came in very handy and gave me a good start at the company and with clients."

Holding down a very demanding job and studying at the same time was a real challenge. "It was very tough completing the courses but I qualified with my diploma (DipGAI) and have been a full member (MinstAI) since 2014, and a Registered Architectural Ironmonger (RegAI) since 2017. The GAI opened up windows on a new world of information for me. It is really a very effective learning system."

One of Fadi's favorite phrases is "Information is Power", and he explains why: "You will understand the phrase when you attend a meeting and are surrounded by groups of engineers, architects and consultants asking you what is the difference between »»

doorsets and door assemblies. Or what is the difference between EN 1125 and EN 179 standards? Or the latest news on CE marking requirement for fire and escape door assemblies? Or what is the meaning of '1' in the fourth digit in hinge classification? Happily, my years of study with the GAI prepared me well for these types of questions."

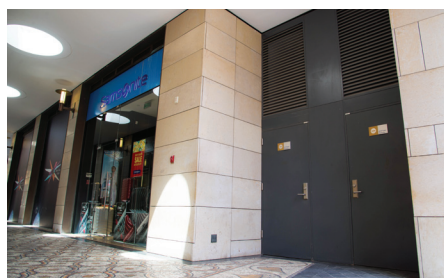
Fadi is constantly updating his industry knowledge, thanks to the Guild's technical information service centre and discussions with other Registered Architectural Ironmongers. "The Guild has experts who are always ready to help answer your technical questions or provide you with latest updates and information." Given his thirst for knowledge, it's no surprise that Fadi avidly reads the latest updates on the Guild's website every day and eagerly awaits the arrival of the AJJ magazine every quarter.

Technical support pan-Middle East

Since July 2015, Fadi has been products development manager for two linked companies, Fitzpatrick SAL and Simac SARL, which manufacture steel doors and supply architectural ironmongery. A fluent English speaker, he currently heads up product development activities and identifies new leads in the Far East, Africa, Middle East and Europe, as well as delivering technical support to many branches and distributors in UAE, Qatar, Jordan and Kuwait.

Says Fadi: "My career has changed dramatically since I graduated from GAI.

// My career has changed dramatically since I graduated from GAI. It's definitely helped me to develop my career and achieve better positions with my current employer"



ABOVE: Some of the many projects Fadi has supplied products to.

It's definitely helped me to develop my career and achieve better positions with my current employer. In my current role, sales teams and specifiers are consulting me daily, among other things, about hardware selection that is suitable for people with disabilities, decoding fire standards requirements, EN test reports and selecting architectural hardware for fire or escape doors that are compliant to BS 476-22 and 31, EN 1634-1 and 3."

Fadi has always dreamed of working in England and has tried without success to find a position here. "I was willing to take a pay cut because I wanted to be at the heart of the architectural ironmongery industry but it's just proved too difficult."

Understandably in a country that's been dogged by wars and terrorism, the architectural profession in Lebanon lags a little behind Europe in terms of sophistication. "Technically, we are not so progressive," he says. "Most Lebanese architects and consultants will choose the design over

the durability or compliance with European standards and regulations; European lever design, especially the Italian design, is more popular than American design generally.

"The Lebanese government is trying to establish Lebanese standards for people with disabilities and fire rated doors. The problem is that Lebanese insurance companies or governmental representatives do not have expertise in our industry to judge if this doorset or door assemblies is compliant to standard or not. There are specialised consultants in Lebanon who are trying to implement the European standard and regulations but they have not succeeded so far."

With England not an option to date, Fadi is nevertheless very happy with where he is right now. Married, with one child, he says he has a fantastic career. As for the future? "I cannot imagine where I will be in 10 years' time. But based on the last seven years, I can see things are moving in the right direction for me." ■

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Architectural Hardware

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Consort now have many of their stock items tested to CERTIFIRE standards. In addition, numerous accessories have also been successfully fire tested up to one hour.

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- Consort Intumescent Fire Seals and Hardware Fire Packs
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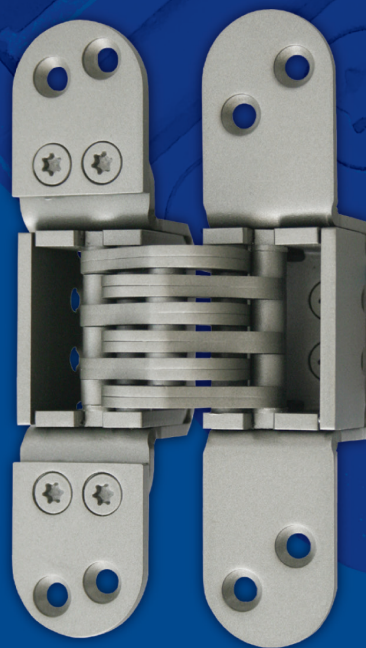
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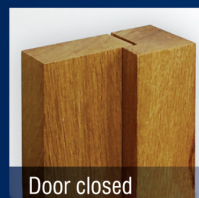
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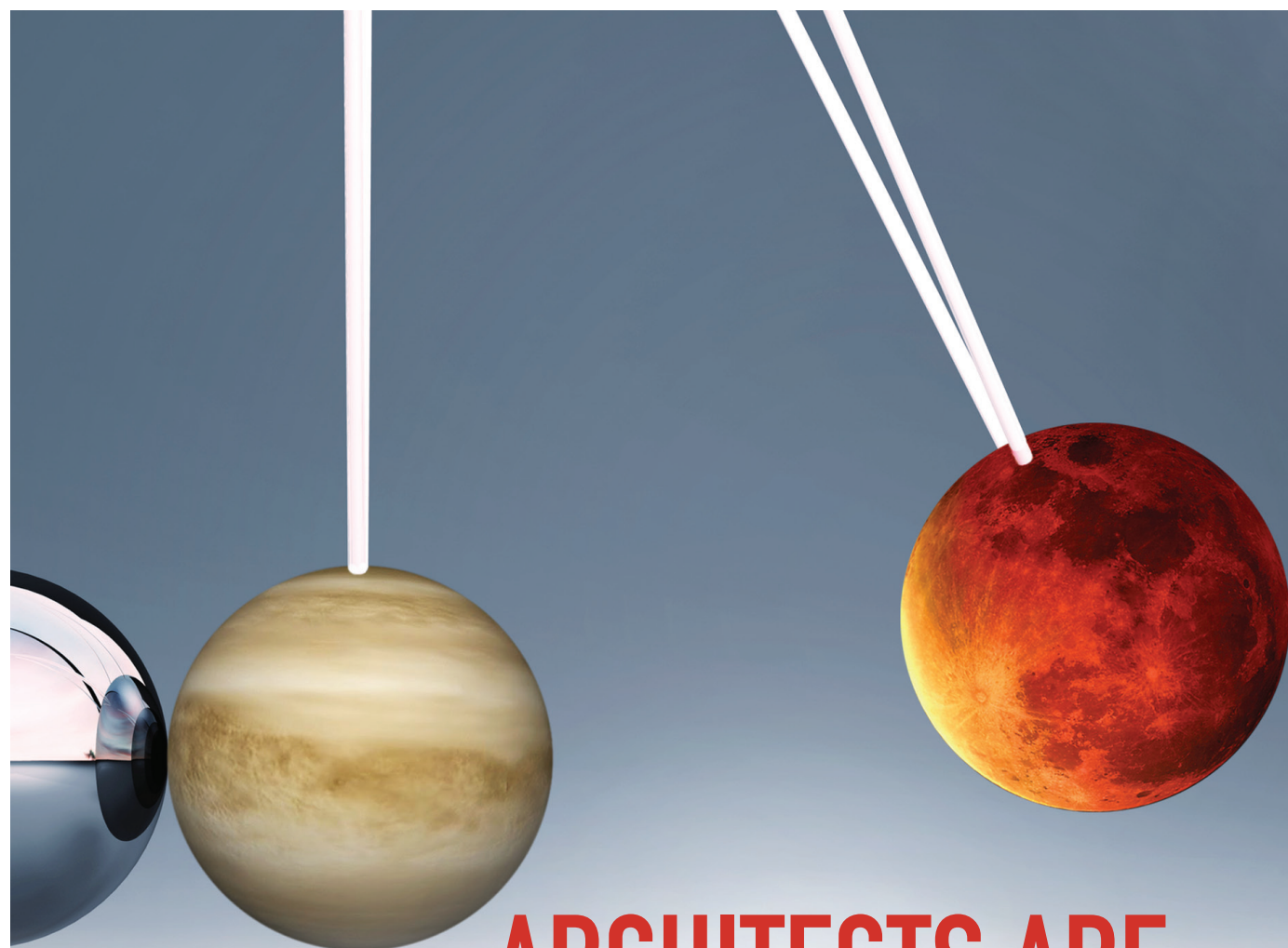
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ARCHITECTS ARE FROM VENUS, DOOR SPECIALISTS FROM MARS?

Architects and door hardware specialists have differing priorities but **Simon Osborne**, Commercial Leader of Allegion UK, is convinced they can be harmoniously reconciled

A frustrating game of give-and-take. That is what most architects must think when it comes to door hardware.

Of course, there are many considerations when selecting door hardware. On choice, the globalisation of the industry means there are now vast ranges available on the market. On compliance, increasing media scrutiny means we must get it right or face potential backlash. And the laws and regulations that health and safety institutions and government bodies impose are constantly changing. This all makes today's door hardware world a complex one for architects to contend with.

Balancing aesthetics, security and safety needs, standards requirements and product integration is not an easy job and one that is seldom achieved, particularly on large commercial projects. Let's face it - finding door hardware that looks good and functions like it's supposed to and adheres to the necessary building regulations and integrates with other products, all within the budget constraints, you would think, is probably a high on impossible task.

Looks matter

When it comes to appearances, for the architect the primary consideration is aesthetics. For door hardware, it is best if it were invisible.

A recent interview with Marcell Botticelli, an architect with Payette, demonstrated this point perfectly. Botticelli shared some common thoughts across the architect's world, saying that "architects like thin profiles and abstract designs, so door hardware by nature can be in conflict with that" and that while they know door hardware "serves a purpose", they really just want it to "disappear from an opening as much as possible".

While some door hardware components have become much better at concealing themselves, such as door closers, other components are naturally much harder to hide, and in some cases must be visible to be able to fulfil their purpose, such as panic exit devices. This, of course, is

// When it comes to appearances, for the architect the primary consideration is aesthetics. For door hardware, it is best if it were invisible"

a point of contention for the architect and one of the first compromises.

As some manufacturers have tried making panic hardware with a more minimalist look, the trade-off made is that they become less durable and functionality worsens – highlighting the difficult balancing act manufacturers and architects face in achieving each others' dreams.

Safety, security and standards

The next compromise an architect is commonly faced with is when considering the level of security an opening needs.

How you secure a main perimeter door varies greatly from an interior one, and the type of interior space – storage, classroom or highly sensitive areas such as labs or data centres – also dictates the hardware used. Meeting standards also needs to be factored in. Is the opening fire-rated? Does it meet the accessibility requirements? All of these considerations directly influence the type of hardware that can be used on a door.

It is at this point where it can potentially get even stickier between manufacturer and architect, as while aesthetics are important, the ultimate aim of security and safety door hardware is to prioritise the health of building occupants and to satisfy the security aspects that the opening in question needs.

As a result, architects have often had to compromise the flow of their desired buildings, such that you can eventually end up with hundreds of different doors and components that don't match with each other. The general effect becomes one that is clunky and clumsy, with integration not

possible owing to the mix of hardware products unable to communicate with each other. This then causes a nightmare for facilities managers and the ongoing maintenance schedules and for any retrofitting that may be required in future.

A collaborative approach

As more and more architects battle with door hardware, it is here where manufacturers should be more collaborative and understanding in their approach, right from the outset.

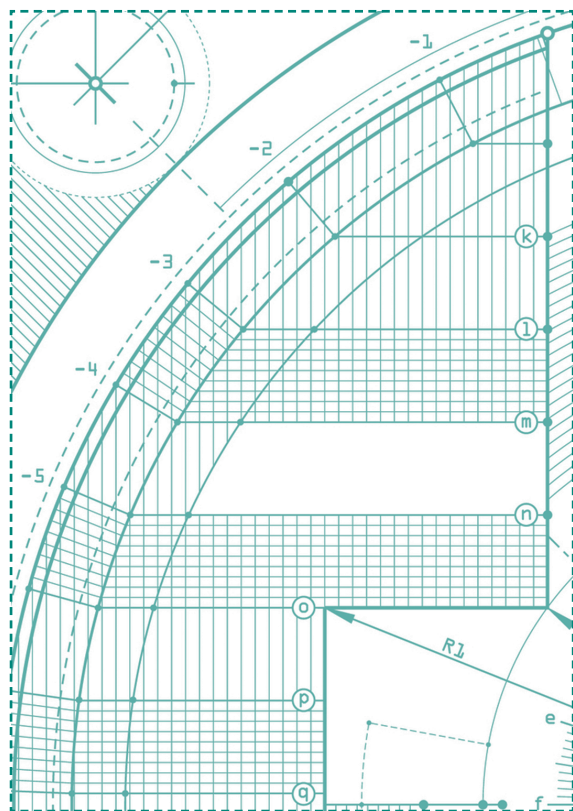
The key to navigating this balancing act is by having a knowledgeable manufacturer on your side to understand what your visions are, what rooms are needed and how you intend your building and openings to look. This way, recommendations and full-scale building solutions can be produced, as opposed to haphazard suggestions midway through a project.

It is always ideal if an architect brings in the spec writer early in the process, for example when schematics are being done. This is when security and door design decisions are being made. While products may not be specified at this point, manufacturers can still provide guidance on whether or not something can be realised, or what options are available to accomplish an objective.

There is a series of decisions an architect makes before door hardware, each of which can directly affect the hardware that can be used. These selections include door material, profile, thickness, style dimensions and frame material.

Such decisions can have a domino effect, and the sooner the manufacturer can get involved, the more likely it is that an architect's exact vision can be achieved.

Good collaboration involves lots of open dialogue, questioning and even drawing. Asking architects to sketch their visions for an opening is when we as manufacturers can see what is wanted and thus recommend the products that will accomplish that goal. ■



THE GAI'S TECHNICAL PILLAR

Educating the industry is at the heart of what the Guild stands for, as **Douglas Masterson** explains

As the only trade body in the UK that represents the interests of the whole architectural ironmongery industry, the GAI has built its reputation on three key areas: education, technical support and community.

A key aim of the GAI is to continue to provide a professional, high quality technical service as a real membership benefit. The technical 'pillar' has developed considerably over the past number of years since the appointment of Douglas Masterson as full time technical manager in 2014, thus building on the firm foundations of the former GAI technical consultant Jacky Sinclair.

Here are some of the areas where this key area of the business has grown in the past few years:

Technical information – the provision of a wealth of new information which is constantly being updated and is available on the technical section of the website in the members' area.

Technical briefings

The previous technical updates have been replaced with new style technical briefings which have covered a diverse range of topical subjects including:

- The GAI Guide to BIM (now updated for 2017)
- CE marking of doorsets
- The GAI Guide to acoustic seals
- Declarations of Performance (DoPs)
- Door closing devices
- Hotel bedroom locking
- Approved Document Q

The GAI Guides to Standards

There are now 12 guides available on some of the main standards for our industry. These guides offer information not just on the standards themselves but also on the actual products including their history and usage. They include:

- An introduction to Standards
- BS EN 1154
- BS EN 1155
- BS EN 1125
- BS EN 179
- BS EN 1906
- BS EN 1303
- BS EN 1935
- BS EN 16005
- BS 8300
- BS EN 12209 (2003 and 2016 versions)
- BS EN 13637 for electrically

controlled exit systems for escape routes which has recently been published.

Industry templates

A number of templates have been developed for members to download and use in the following areas:

- Blank GAI approved Master-key schedules.
- Operations and Maintenance manual templates which provide details on care of finishes, frequency of maintenance and technical details.
- Preambles for ironmongery schedules. It is recommended by the GAI that architectural ironmongers provide a detailed preamble for their ironmongery schedules, therefore a template in Word format is available which can be adapted, copied and pasted.

Technical helpline

The technical helpline is a free GAI member benefit. UK members can telephone **0330 1234 073**, international members can use **00 44 7469 141657** and the email address **technical@gai.org.uk** is also available. The helpline provides guidance on any number of topics including BIM, Brexit and standards, Approved Documents, relevant local building regulations, BS and EN standards as well as product selection. »»»

GAI RIBA Approved CPDs

The GAI have now created two CPDs which have been approved by the Royal Institute of British Architects. As they are RIBA approved this means that architects will be able to receive double learning points for attending a presentation of this CPD. These CPDs are now available to GAI membership to purchase at a cost of £250 plus VAT each.

Ironmongery and accessibility

This looks at the following areas: legislation, including the Disability Discrimination Act, Equality Act, BS 8300: 2009, and Approved Documents and their equivalents throughout the UK and Ireland; the impact of BS 8300, specifically on products such as door closers, automatic door operators, door furniture and hardware such as hinges, locks and panic hardware. This also features access control products and handrails, and; visual contrast and light reflectance values.

Specification of door hardware – an architect's guide.

This is based on the publication of the same name which is available in hard copy or to download from the GAI website. This presentation is intended as a guide for architects on what architectural ironmongery is and how the process of correctly specifying these critical items comes together.

For further details please contact technical@gai.org.uk

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Stop press e-communications

These have been developed as a means of communicating industry news such as changes to CE marking of doorsets and announcements on draft public comment status of new or revised standards.

Technical articles in industry publications

As well as providing regular technical articles in AIJ the GAI produces contributions and articles for other industry publications such as Locksmith Journal, Builders Merchants Journal and Specfinish.

- Continuing Professional Development – providing opportunities to the GAI membership for ongoing professional growth.
- Provision of RIBA-approved CPDs. It was noted that many architectural ironmongery businesses would love to have the ability to present RIBA-approved CPDs to their architects' practices without having to invest a substantial amount of time and money in to the process. As a result the GAI has produced three CPDs entitled *Ironmongery and accessibility*, *Specification of door hardware – an architect's guide* and *Ironmongery for fire and escape doors*, which has recently been approved. These are available to purchase at a cost of £250 plus VAT. As they are RIBA approved this means that architects will be able to receive double learning points for attending a presentation of these CPDs. A further CPD, *Ironmongery and security*, will also be available soon.

IAI CPD provision and delivery

The GAI continually seeks to educate the industry, not just at DipGAI level but beyond through its CPD programme which leads to RegAI qualification. Part of the remit of the technical manager is to write new material each year on up-to-date subjects, as well as produce compulsory papers which have to be answered in order to achieve RegAI status. Topics produced for 2017 include *An update to BS and EN Standards*, *Access control* and *Time*

management. These are delivered throughout the IAI branch network throughout the year.

- External CPDs. These include provision of CPD at Fire Door Safety Week, Totally DIY Trade Show and for other trade associations such as ADSA and ASFP.

Industry representation

The GAI represents the interests of the ironmongery industry at many levels:

- International level, where Douglas Masterson is UK representative on CEN European Task Group TG07 for EN 1906 for lever handles.
- National level, where the GAI represents the industry at a number of BSI committees and panels including the drafting panel for the new British Standard BS 8613 for finger protection devices, which Douglas chaired.
- The GAI is also represented at other industry committees including DHF Technical Committee for building hardware and the Certifire Hardware Panel, which Douglas also chairs. The GAI provides a strong voice for the industry on all these committees and is there to serve the interests of its membership.
- A GAI BIM Working Party has been set up over 18 months ago and has produced over 20 draft product data templates (PDTs) which will be adapted in to the new LEXICON software system once it is launched. The GAI is also working alongside other trade associations in the door and window industry to look at the development of PDTs in a consistent manner on an industry-wide basis and has also applied to be a Relevant Authority in the ironmongery, access control and door automation fields.

Other technical services

- Development of new qualifications. The GAI is currently working on a new diploma in electric hardware alongside the Automatic Door Suppliers Association (ADSA). This will provide education on products such as access control and door automation and is due for release in 2018.
- Independent surveying and inspection. The GAI now provides a service to its members by inspecting installations on site and providing an unbiased report based on the findings. Recent examples include reviewing suitability of ironmongery on fire doors and the specification of door closing devices.
- In-house training seminars. New one-day training seminars have been launched. These would be at members' own premises on mutually agreed topics such as BIM, BS EN Standards, ironmongery products and access control products.

Substantial progress has been made in the development of the technical pillar over the past few years with more development to come. ■

Douglas can be contacted for further details on technical@gai.org.uk.



“The technical ‘pillar’ has developed considerably over the past number of years since the appointment of Douglas Masterson as full time technical manager”



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GEZE ADDS TO ITS RANGE OF MANUAL SLIDING DOOR MECHANISMS

GEZE UK has added to its range of manual sliding door mechanisms with the addition of the Rollan 40 NT, the Rollan 80 NT and the Rollan 80 NT SoftStop.

With a smooth and simple operating action, the fittings are easy to fit and quiet to use. They can be used on doors weighing up to 40kg (Rollan 40 NT) or 80kg (Rollan 80 NT) and with any door material – wood, plastic, metal and even glass with clamped fittings.

Rollan products incorporate new, light-running roller carriages, meaning the systems are smooth and easy to use and they can be easily retrofitted to existing Rollan sliding door systems.

The Rollan 80 NT SoftStop has an innovative draw-in damper; it can be used on an “opening only” or “closing only” cycle, or on both. However hard the door is closed, the impact is controlled automatically as the mechanism gently brakes the moving door and then controls it to softly slides into its final position.

Aluminum runners within the Rollan systems are protected from dirt and dust by their casings, making them easy to keep clean, particularly in difficult to reach places.

» For more information, visit: www.geze.co.uk

ASSA ABLOY LAUNCHES GUIDES IN MIDDLE EAST

ASSA ABLOY Security Solutions has launched three sector-based specification brochures for the Middle East market. They provide easy specification guides for interior designers, architects and consultants operating in the education, hospitality and healthcare sectors.

Most of the standard steel and wooden doors used in these sectors have been covered along with appropriate architectural hardware and access control. These brochures are available as e-brochures and in print as well.



» They can be downloaded from: www.middleeast.assaabloy.com
For more information, email: marketing.middleeast@assaabloy.com

NEW LAS8014 SI ACOUSTIC

Lorient has added a number of new aluminium drop seals to its range of contemporary architectural seals. All architectural seals are manufactured in its UK facility, to exacting standards. Products are etched using the latest laser technology and proudly display the Made in Britain marque.

The new range includes a range of versatile drop seals that perform the essential role of smoke and acoustic containment at the threshold. They can either be face-fixed to the door leaf or mortised into the bottom of the door. Lorient drop seals are designed to lift clear of the floor as soon as the door is opened by a few millimetres, and automatically drop down when the door closes to form a tight seal. These seals can also provide an effective barrier to insects, light, and draughts – improving the energy efficiency of buildings.



The latest addition to the Lorient Architectural Seals range is the LAS8014 si – a heavy-duty drop seal for superior acoustic performance – 47dB, tested with BS EN ISO 10140-1: 2010+A2: 2014 (Annex J). This robust seal, features a wraparound outer gasket with an internal gasket for enhanced acoustic performance. Its parallel drop action provides close contact with the floor on uneven surfaces. A high efficiency mechanism means that it requires minimal effort to operate – ideal for wheeled traffic. And for premium aesthetics, die cast end plates are available in a metallic finish.

» For more information, visit: www.lorientuk.com

NEW FINISHES FOR ASTRA CLOSERS



Astra's 3000 Series of fully-controlled concealed door closers now have a new range of finishes to match any interior design or hardware scheme. Bronze closers – both dark and light – fit well with the hottest ironmongery trend of the last few years, while a new antique brass finish will complement more traditional design styles. In addition, Astra 3000 Series closers can be

supplied in any RAL colour.

The Series 3000 door closers were conceived to retain the clean design lines with full adjustability, and enough power to handle heavier, wider doors. This adjustability – the only one of its kind on the market – helps specifiers to achieve doors which comply with opening forces under BS8300:2009 and to meet the requirements under Approved Document B in respect of accessibility. Astra Series 3000 closers have been included in numerous successful PAS24 tests.

» For more information, visit: www.astradoorcontrols.com

'TOUCHLESS' SOLUTION NEEDS NO HELPING HAND

A 'touchless' manual activation solution for automatic door operation has been introduced by GEZE.

The proximity switch GC 306 meets the rigorous standards required in hospitals, laboratories, care homes and food preparation areas, where hygiene is paramount.

Its non-contact activation can be set as required and has a range of 10 to 50 cms to open automatic swing, sliding, folding, revolving or curved sliding doors seamlessly.

The low voltage operation of the GC 306 conforms to radio equipment directives and can be used in the vicinity of sensitive medical equipment and IT server rooms.

» For more information, visit: www.geze.co.uk

SECURITRON ELECTROMAGNETIC LOCKING SOLUTIONS

Securiton, well known for its portfolio of electromagnetic locking solutions, is now available from ASSA ABLOY Security Solutions, a UK division of ASSA ABLOY.

The announcement signals ASSA ABLOY Security Solutions' commitment to offering a "one-stop shop" for customers, ensuring they can deliver the right solution, whatever the specification. The move also gives ASSA ABLOY Security Solutions' customer base access to a wide range of Securiton products.

Securiton is known for its durable and quality electronic locking products and systems. Key products under ASSA ABLOY Security Solutions' offering will include the Magnalock range, from the slim and durable M32 series to the industrial strength of the M82 range, offering an impressive holding force of 1800lbs (816kg) for installations requiring superior magnetic strength.

Other products available include the GL1 external electromechanical gate lock and the DKC-37 digital keypad system for narrow stile applications.

» For more information, visit: www.assaabloy.co.uk

ASSA ABLOY SECURITY DOORS MEET LPS 1175 STANDARDS



ASSA ABLOY Security Doors, a UK division of ASSA ABLOY, the global leader in door opening solutions, has successfully re-tested its products to Loss Prevention Standards (LPS) 1175: Issue 7, greatly increasing the scope of certification for its security door range.

The doors have been independently tested by the Building Research Establishment to the latest issue of the security standard, with the doors fitted with the Pickersgill-Kaye range of single and multi-point locking systems.

Nigel Cronin, sales manager at ASSA ABLOY Security Doors, said: "The purpose of this re-testing was for four key reasons. Firstly, our products have now been tested with Pickersgill-Kaye locking systems, ensuring both SR3 and SR4 doors are standardised with this sought after, high security locking system. Secondly, the doors now offer increased flexibility as they have been tested with



single point locks, which help reduce cost, simplify the doorset and lower ongoing maintenance. Thirdly, the doors have been tested as double doors, with the option of double panic escape, fully in accordance with the requirements of EN 1125 standards for panic escape hardware.

"Finally, the doors that have been accredited to security rating 4 have now been tested for both inward and outward opening configurations, which is increasingly requested as a requirement by our customers."

» For more information, visit: www.assaabloy.co.uk/security-doors

NEW LOCK BRINGS CODELESS FUNCTIONALITY TO THE KITLOCK RANGE



Codelocks, a leader in access control innovation, has launched the latest addition to its KitLock range, the KL1050. Building on the capabilities of the KL1000, the new keyless cam lock can be retrofitted to a wide range of lockers, cabinets cupboards and enclosures.

The KL1050 uses smart card technology to provide codeless access to almost any cam lock. The new easy-to-fit lock offers functions for single users (private function) and short-term use by multiple users (public function). The lock can perform up to 15,000 openings on two AAA batteries.

The public function means that once a user unlocks the

KL1050, it will remain in an unlocked state, ready for any other compatible MIFARE card to be used. Pre-registration of the card is not required, meaning that any compatible MIFARE card can be used, with no need for additional programming.

A master user card can be used to open any lock and delete the card currently in-use, while a technician card can be used to open the lock, retaining the user card currently in use.

This advanced functionality makes the KL1050 ideally suited to a wide range of short-term multi-occupancy applications.

"From hospitals and offices, to schools and gyms, organisations up and down the country rely on coin-operated lockers on a daily basis," said Steve Newman, KitLock sales manager. "With the recent introduction of the new Royal Mint pound coin, many businesses are considering upgrading their equipment. The KL1050 is a fantastic candidate for those looking to future proof their lockers."

» For more information, visit: www.codelocks.eu/kitlock/kl1050-kitlock-locker-lock.html

ABUS UK OFFERS NEW TOTAL DOOR SECURITY

ABUS Door Bars, which have been used to offer additional door security in Germany for years, are now more widely available in the UK. This follows a move by ABUS UK to engage expert locksmiths across the country who can help customers adapt the products to give consumers greatly enhanced property and personal security.

The Door Bar Range on offer from ABUS UK is a simple 1, 2, 3, option:

- PR1400 internal hand operated door bar
- PR1500 internal key operated door bar
- PR2600 internal & external key operated door bar

Additional fitting kits are available to adapt to differing door openings or structure if needed. The two-keyed versions are supplied with a high security

dimple-key Euro Cylinder, which can be exchanged and re-fitted to suit any ABUS or existing door cylinder system, so the owner's key management can be kept simple and secure, and professional fitters have a further service to offer.

» For further information, visit: www.abus.com/uk



FIRE DOOR SAFETY WEEK TARGETS HIGH-RISE LIVING

Even before the appalling tragedy at Grenfell Tower in North Kensington, the organisers of Fire Door Safety Week were finalising plans for this year's campaign (25 September – 1 October 2017).



NATALIE OXFORD

Like last year's campaign, the focus this autumn is on fire safety in high risk buildings such as tower blocks, rented private accommodation, HMOs, and specialised housing for vulnerable residents.

Clearly the campaign will have added poignancy and relevance in the aftermath of the terrible fire at Grenfell Tower – a fire that should act as a catalyst for significant change, according to Hannah Mansell, technical manager of BWF Certifire, chair of the Passive Fire Protection

Forum, trustee of the Children's Burns Trust and spokesperson for the Fire Door Safety Week campaign.

Hannah says: "There is an endemic fire safety problem in this type of housing stock. I have walked around tower blocks documenting and filming the fire safety breaches. I've seen flats without fire doors, no emergency lighting or signage on fire doors and escape routes, broken fire rated glass, wedged-open fire doors, poor fire stopping around service hatches that breach compartmentation, no

smoke seals in fire doors, rubbish and combustible material left in the common areas, and no information displayed on the specific fire plan of the building.

"But whenever we report this, the information appears to fall on deaf ears. Action must be taken now to address these issues. To every local council, housing association and private landlord I say, you know what to do, take action today. The next one could be tomorrow."

Research for Fire Door Safety Week last year underlined some of the problems, in particular showing that the poorest in society continue to be at greatest risk from fire, with lower income tenants more concerned about fire safety where they live, less informed about how to protect themselves, and less able to move away from perceived danger.

More than half of all tenants (58%) and over 70% of lower income tenants had no idea who the 'Responsible Person' was for the building where they lived – the person to whom they should usually report their fire safety concerns. And worryingly, 15% of all tenants living in blocks of flats who said they had fire safety concerns had never reported those concerns to anyone at all.

These residents, their landlords and all building owners urgently need well-informed, professional support from those who understand fire safety in buildings. That's why the GAI and so many of its members are always very active during Fire Door Safety Week.

Look out for events and activities this year which promote greater understanding of the correct specification, installation and maintenance of fire door hardware, intumescent and smoke seals, and other products that play such an important part in protecting life and property. ■

To get involved in the campaign, go to: firedoorsafetyweek.co.uk

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