

The Guild of Architectural Ironmongers



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CPD Overview

The Guild of Architectural Ironmongers (GAI) is the only trade body in the UK that represents the interests of the whole architectural ironmongery industry - architectural ironmongers, wholesalers and manufacturers. Its reputation is built on three key areas: education, technical support and community. Its qualifications, education and CPD programmes are widely respected in the UK and overseas, including the GCC and Hong Kong. Its technical information service is the only specialist service of its kind, providing GAI members with comprehensive advice on issues relating to the legislation, regulations and standards governing the use of architectural ironmongery and related hardware.



Available CPD Material (12)



Multiple formats

Ironmongery, fire doors and intumescent protection

This CPD will detail information on fire doors, appropriate hardware and the impact of intumescent protection on both. It will detail the main types of intumescent materials and the differing ways they will react as well as identifying the relevant standards and regulations. By the end of the CPD you should have a greater understanding of:

- The importance of fire doors – knowing what they are, why they need them and risks in not treating them properly
- Correct fire door hardware – recognising the items of hardware which are essential to the performance of a fire door as well as core essentials
- Fire testing – awareness of the specifics of how fire doors are tested as well as relevant standards
- Intumescent types and how they react – there are three main types of intumescent and knowing each one and where they are used
- Standards and regulations being aware of standards for fire and smoke performance, acoustics and other relevant regulations

Material type: Online Learning, Seminar

RIBA Core Curriculum: **Design, construction and technology**
Health, safety and wellbeing

Knowledge level: General Awareness



Ironmongery and Fire Safety

This CPD presentation looks at fire safety legislation and guidance that impacts the specification of architectural ironmongery. It also covers legislation and guidance that is relevant post-handover, with a focus on risks to consider in respect of fire doors and the correct specification of ironmongery. By the end of this CPD you should have a greater understanding of:

- The definition of fire safety in addition to some historical context
- Legislation applicable to the ironmongery industry which relates to pre-handover ie during planning, construction and sign off
- Legislation applicable to the ironmongery industry which relates to post-handover of a building
- Risks to consider in respect of fire doors and the correct specification of ironmongery as well as potential consequences of ignoring these risks
- Examples of differences to regulatory regimes which were caused by specific occurrences and fires

Material type: Seminar

RIBA Core Curriculum: **Health, safety and wellbeing**
Legal, regulatory and statutory compliance

Knowledge level: General Awareness



Ironmongery Specification in a Post-Pandemic World

This CPD presentation provides information on what types of ironmongery specifiers can look to schedule in buildings going forward, in this new post-pandemic normality. It will focus particularly on how to reduce time spent touching doors and hardware as well as the role of anti-microbial ironmongery. Topics covered include a background to the changes to our normality caused by COVID 19, specialist closing devices and door automation, access control and electronic locking, anti-microbial product and considerations on retrofit products. By the end of the CPD you should have a greater understanding of:

- The impact of COVID 19 on our lives and on specification of hardware
- The role of specialist closing devices and door automation and what to be aware of in respect of fire doors
- Fitting door stops, gaskets and architraves
- Installation of door closer and fire signage plus sign off of fire certification
- The varying types of anti-microbial product such as copper, silver, applied finishes and polyamide

Material type: Seminar

RIBA Core Curriculum: **Design, construction and technology**

Knowledge level: General Awareness



Installation of Fire Door Assemblies and Associated Ironmongery

This CPD presentation provides critical information on how fire doors and ironmongery should be installed on site. It does this through video presentations which take the installation from the site preparation through to final certification and sign off. This paired with slides that provide supplementary information on standards and best practice relating to fire door testing and installation. By the end of the CPD you should have a greater understanding of:

- Fire Doors – background, requirement and terminology
- Fire door and ironmongery installation process
- Relevant standards
- Further best practice

Material type: Seminar

RIBA Core Curriculum: **Design, construction and technology**
Health, safety and wellbeing
Legal, regulatory and statutory compliance

Knowledge level: General Awareness



Ironmongery and the Impact of the Environment

This CPD aims to discuss ironmongery and the environment. Topics covered include Construction Industry Initiatives and programmes, timber certification schemes, environmental product declarations, ISO 14001 and other relevant standards, industry responses to environmental issues and sources of further information. By the end of the seminar you should have a greater understanding of:

- Statistics on waste within the UK construction industry
- Construction industry initiative programmes including UKGBC, BREEAM and LEED.
- Timber certification schemes including the Forestry Stewardship Council (FSC) and Programme for the Endorsement of Forest Certification (PEFC)
- Environmental Product Declarations (EPD) – what they are and when they are required

Material type: Seminar

RIBA Core Curriculum: **Design, construction and technology**
Sustainable architecture

Knowledge level: General Awareness



Ironmongery and the Impact of the Internet of Things

The Internet of Things (IoT) is a concept where not only people but objects and devices are able to network and communicate with each other. The purpose of this CPD is to learn more about the Internet of Things, what it is and the impact it is having on the ironmongery industry. This seminar will cover the following topics:

- Definition and history of IoT
- Smart Homes
- Smart Buildings and Cities
- Impact on the ironmongery industry
- Building Information Modelling
- Future Trends
- Relevant standards
- Further sources of information

Material type: Seminar

RIBA Core Curriculum: **Design, construction and technology**

Knowledge level: General Awareness



Ironmongery for Specialist Applications

This seminar looks at the specification of ironmongery for specialist applications. It will help you to understand the following topics

- Accessibility and the relevant legislation relating to ironmongery
- Specialist closing devices and what can be used in specific applications such as care homes and hospitals
- Visual contrast and LRV requirements
- What anti-ligature hardware is available, what can be specified and the current standard available for testing of the product
- Anti-microbial furniture, define what is available and in what circumstances it could be specified
- Finger protection, what types there are, why they should be specified and the relevant British Standard
- Specialist signage, in what circumstances it can be specified such as areas where there are those with visual impairment or dementia

Material type: Seminar

RIBA Core Curriculum: **Design, construction and technology**
Inclusive environments

Knowledge level: General Awareness



Ironmongery and Security

This seminar looks at the specification of ironmongery for security. It will help you to understand the following topics:

- The definition of security and the purpose of security
- The different types and applications of mechanical and electrical locking devices and look at the relevant BS and EN standards
- The various types of doorsets and security standards
- Building Regulations Approved Document Q and its application to the security of doors and windows, also the equivalent requirements in Scotland.
- The Secured by Design initiative

Material type: Seminar

RIBA Core Curriculum: **Design, construction and technology**

Knowledge level: General Awareness



The Specifier's Guide to Access Control

This seminar looks at the key elements to consider when specifying an access control system. It will help you to understand the following topics:

- The definition of access control
- The advantages of using access control systems
- The key elements of an access control system and the questions to ask when looking to specify access control
- The relevant British and European standards that relate to access control

Material type: Seminar

RIBA Core Curriculum: **Design, construction and technology**

Knowledge level: General Awareness



Ironmongery for Fire and Escape Doors

This seminar is concerned with specifying the correct ironmongery for fire and escape doors. It will help you to understand the following topics:

- The importance of fire and escape doors, why we need them and how to specify the correct ironmongery referring to the appropriate BS EN Standards
- The reasons for regular inspection and inspection methodology
- The maintenance of ironmongery on fire and escape doors
- The legal, financial and ethical consequences of ignoring the risks regarding correct specification, supply, maintenance and inspection of fire doors

Material type: Seminar

RIBA Core Curriculum: **Design, construction and technology**
Health, safety and wellbeing

Knowledge level: General Awareness



An Architect's Guide to Door Hardware

This seminar covers what the term ironmongery means and the main points to consider when specifying door hardware. It will help you to understand the following topics:

- What ironmongery is and recognise the key terms in ironmongery
- The main considerations when specifying door hardware and how a hardware specification is put together, looking at correct application and appropriate standards
- How to find an architectural ironmonger and how to work effectively with them during the specification process
- How to avoid risks in the specification of door hardware

Material type: Seminar

RIBA Core Curriculum: **Design, construction and technology**
Legal, regulatory and statutory compliance

Knowledge level: General Awareness



Ironmongery and accessibility

This seminar will focus on the impact of accessibility on the specification of ironmongery looking at the following areas:

- Legislation, including
- Equality Act
- BS 8300: 2009
- Approved Documents and their equivalents throughout the UK and Ireland.
- It will look at the impact of BS 8300 specifically on products such as
- door closers
- door furniture
- hardware such as hinges locks and panic hardware
- access control product
- handrail

Material type: Seminar

RIBA Core Curriculum: **Design, construction and technology**
Inclusive environments

Knowledge level: General Awareness

Classifications

Subject/Product Areas (CI/SfB)

General products

Fixings and fastenings, ironmongery > Advisory organisations

Fixings and fastenings, ironmongery > Fixings and fastenings

Fixings and fastenings, ironmongery > Architectural ironmongery

RIBA Core Curriculum areas

Design, construction and technology

Knowledge level: *General Awareness*

Health, safety and wellbeing

Knowledge level: *General Awareness*

Legal, regulatory and statutory compliance

Knowledge level: *General Awareness*

Sustainable architecture

Knowledge level: *General Awareness*

Inclusive environments

Knowledge level: *General Awareness*