



KCC
GROUP

**Commercial
Solutions**

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We help make buildings work, and keep working.

KCC Group are a specialist provider of architectural product solutions ideally suited to commercial projects, whether new or existing. Our products and solutions assist in the safe and secure movement of your employees and visitors around your building and enhance workspaces.

We offer a wide range of world-class products backed up by local expertise and design. We also provide a comprehensive maintenance package to ensure the smooth running of all products through our branch network in Dublin, Cork and Belfast.

We look at your building or project as a whole and offer integrated solutions based around:

-  Door & Access
-  Specialist Glazing & Partitions
-  Architectural Hardware
-  Maintenance & Inspection

From servicing an automatic door, to installing fire glazing or an integrated access control system in a brand new commercial build, we can help.

Functional Aesthetics

In order to minimise the aesthetic eyesores often associated with building components such as fire screens, automatic doors, service cupboards, door hardware etc, we can supply visually pleasing solutions that do not detract from the design of the building.



Combining aesthetics and functionality to create beautiful spaces

Glazing systems

Slim profile steel systems from leading manufacturers, with thermal insulation and fire protection capabilities

Bespoke, customisable architectural hardware

Choose from a huge range of architectural hardware brands and finishes to suit your specific project needs and design intent, including everything from hinges, locks, levers, pull handles & all related accessories

Concealed frame riser door systems & AOVs

Avoid unsightly service cupboards and ventilation systems through the use of concealed frame riser door systems & automatic opening vents - Creates a smooth, flush finish to blend in with the surrounding wall with just a minimal shadow gap on view

Full glass entrance systems

Full glass revolving doors, or achieve minimal sightlines with glazed, slim-profiled doors offering heights of up to 3 metres.





Glazing systems

We are the chosen provider of internationally-renowned brands of high quality glazing systems including Schuco, Ottostumm and MHB so that we can provide our clients with a glazing solution for their project that not only offers superb functionality, but also perfectly compliments their design intent with superior aesthetics.

Our glazing consultants will advise you on the best glazing solution for your project based on your budget, the purpose and location of the glazing and other requirements such as dB rating, UV protection, product capabilities, overall project aesthetic or frame options, for example.

Features

- Non fire rated and fire rated variations available
- Fire resistance from E30 all the way up to E120 - Integrity only or integrity & insulation
- Slim frame steel profiles
- Performance characteristics also include smoke resistance, barrier loading, sound-reduction, burglar and bullet resistance in line with EU classifications
- Customisable sizes and finishes



Door & Access Strategy

At KCC we draw on our vast knowledge and experience of commercial and corporate buildings to provide you with an effective, sustainable access strategy. Rather than dealing with each individual element our starting point is an overall view of your actual access needs. We then apply the best products and solutions to deliver that strategy, including door automation, access control, key control and architectural hardware. This ensures a fully compliant, integrated solution where all components compliment each other.



Automatic Doors

We work with our clients to design an automation strategy tailored to the requirements of the building and its visitors or occupants. Our experience in providing automation solutions in commercial environments enables us to advise our clients on the most suitable product for their needs.

For example, the front entrance of a large commercial building will usually require a revolving door or sliding door system. Internally, some commercial facilities use automated swing doors with or without access control, which we can also supply and install. There may also be a requirement for disabled access through an automated system such as a push-pad or sensor, or hands-free automation for areas such as bathrooms or canteens to maximise hygiene control.

Popular solutions include

- Revolving doors
- Swing doors
- Sliding doors
- Folding doors

Scale & team to deliver

We have a team of skilled engineers and installation experts operating nationwide to ensure your automated doors are installed and maintained in line with European Standard EN16005.





Speedlanes & Turnstiles

Speedlanes

Our speedlane solution forms a seamless and fluid barrier that enables a fast and steady flow of people through your entrance, without compromising your security. A unique detection system accurately tracks the passage of a single authorised user and effectively prevents fraudulent or unauthorised entry by a second party. The ergonomic design of the speedlane units provides an intuitive and user-friendly experience.

Benefits of Speedlanes

- Electronic single person & fraudulent entry detection
- High flow rate to ensure the fast, efficient processing of users
- Aesthetically-pleasing, slim and transparent design
- Minimal footprint
- Endless customisation potential

Turnstiles

Turnstiles are robust, highly durable and perfect for high use areas. The design of these gates makes them the optimal choice for internal or external use where there is a large and constant flow of people. Tripod turnstiles are also the most cost-effective choice, perfect for organisations who have a smaller budget but still would like effective entrance control.

Benefits of Turnstiles

- Robust, highly durable solution for high traffic areas
- Energy efficient - low power consumption
- Passage in both directions is electronically controlled
- Compact solution with small footprint
- Customisable according to requirements
- Full and half-height variations available
- Wall or floor-mounting





High performance timber doorsets

The coming together of KCC and Elite Doors greatly enhances our capability to offer clients fully integrated doors and ironmongery from a single source.

Elite Doors are based in Antrim, Northern Ireland and are renowned for manufacturing high performance, bespoke timber fire doors for the commercial, health, education and local government sectors. The company has developed a strong brand over the past 25 years and is widely known for excellent quality, great service and after care. Elite doorsets are manufactured to the highest fire door standards, fully certified and compliant to BS476 Part 22 for fire.

Key features

- Fully bespoke service, manufactured locally to exact specification
- Variety of finishes including veneer, PVC-u, Laminate, Paint, Primed for on-site painting
- Glazed Panels and adjoining glazed screens
- Performance characteristics include fire-resistance, acoustic insulation, radiation shielding, anti-microbial protection, door & user protection, privacy, durability and strength





Access Control

Enhanced Security

With the requirement to meet the wide scope of access and security in the commercial sector, we supply, install and support everything from simple mechanical digital locks to fully networked access management systems to suit everything from a single door to thousands of doors.

System integration

Our access control products can interface with BMS (Building Management Systems) and fire safety equipment and other elements such as automation, barrier systems and lifts. Once installed we provide 24/7 support through our network of service centres.

Solutions include

- RFID - Smart Contactless Access Solutions
- Stand alone or network-based solutions
- Electronic locks & cylinders
- Electronic strike & magnetic door locks
- Bio-metric / recognition
- EN1125 compliant electronic panic locking systems
- Touch-free sensor activation units
- Turnstiles & Speedlanes





Architectural Hardware

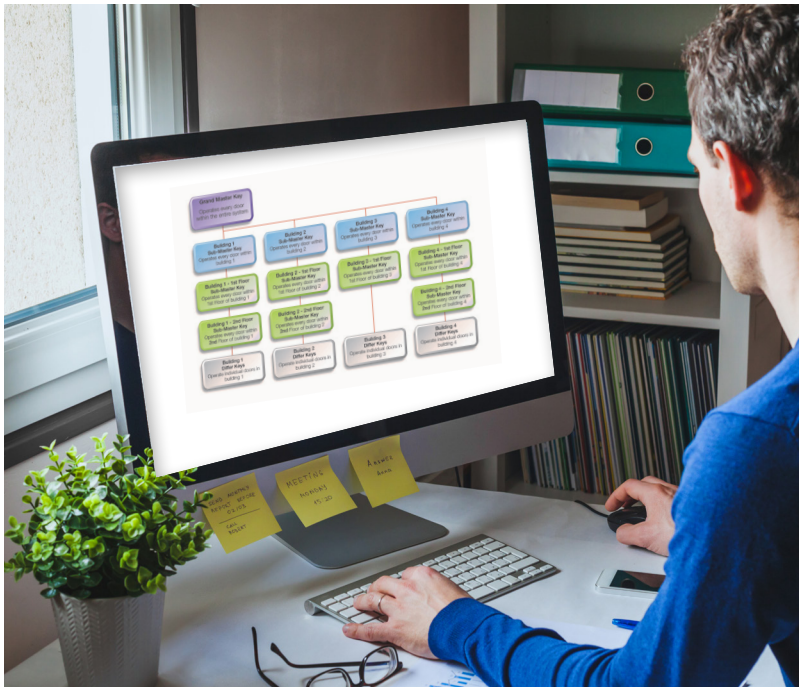
Our team will be able to advise you on the best hardware solution to suit your needs in terms of usage, aesthetics and function.

Our range includes door levers, pull handles, signage, door closers, hinges, locks, cylinders and master key locking systems, in different materials and finishes, depending on your requirements.

All of our hardware is fully compliant with industry standards and we provide all of the appropriate performance, fire test evidence and certification for your peace of mind.

Master Key Systems & Key management

Giving staff access to specific areas of the building and limiting access elsewhere is vitally important but managing it in any large building with multiple-access requirements can become a real nightmare. We can provide you with a tailor-made Master Key suite, specific to your requirements to maximise the security of your building, and to minimize the number of keys in circulation. A Master Key suite is a high-quality, smart security system that gives designated key holders access to specific areas or buildings while preventing access to non-approved areas, thus increasing the security of a property. We can also integrate a key management system to ensure that sensitive keys or assets do not leave site, or be allowed on to site, depending on your requirements. We can provide specially designed “key cabinets” to control and manage your keys.



Fire Strategy

An effective and compliant fire strategy is paramount in any building. We assist you in ensuring your staff and visitors will have a carefully planned-out escape route, that is protected from smoke, fire and heat, and is fully compliant with industry standards and legislation. Our in-house advisors can work with your design consultants and facilities teams to ensure compliance with the fire strategy, incorporating fire doors and screens, riser doors, fire shutters and curtains, emergency escape exit systems, smoke and heat ventilation systems and even fire door inspections.



Fire rated glazing

Containing and controlling the spread of fire is crucial to providing building users and occupants with a safe and effective passage to escape. Glazed fire screens and doors help to contain the spread of fire, improve visibility, and allow for the flow of natural light through a building.

Our glazed fire screens and doors are available with integrity-only (E) or integrity & insulation (EI) fire protection ratings, depending on your specific requirements. We offer height capabilities of up to 3 metres, slim profiles, maximum glazed elements, integrated hardware and access control and manual or automatic operation, depending on the intended use. We also provide both fire and non-fire rated internal and external curtain walling systems and viewing panels.

Choosing the right solution for your building

The choice of system is determined by several factors including your fire resistance requirements, e.g. 30, 60, 90, or 120-minute fire protection, sound insulation requirements, door functionality, e.g. push/pull vs. mechanical “lever” function, budget, aesthetics, location within your building, intended frequency of use and compliance with building regulations and EN1634-1 / BS476 Part 22.

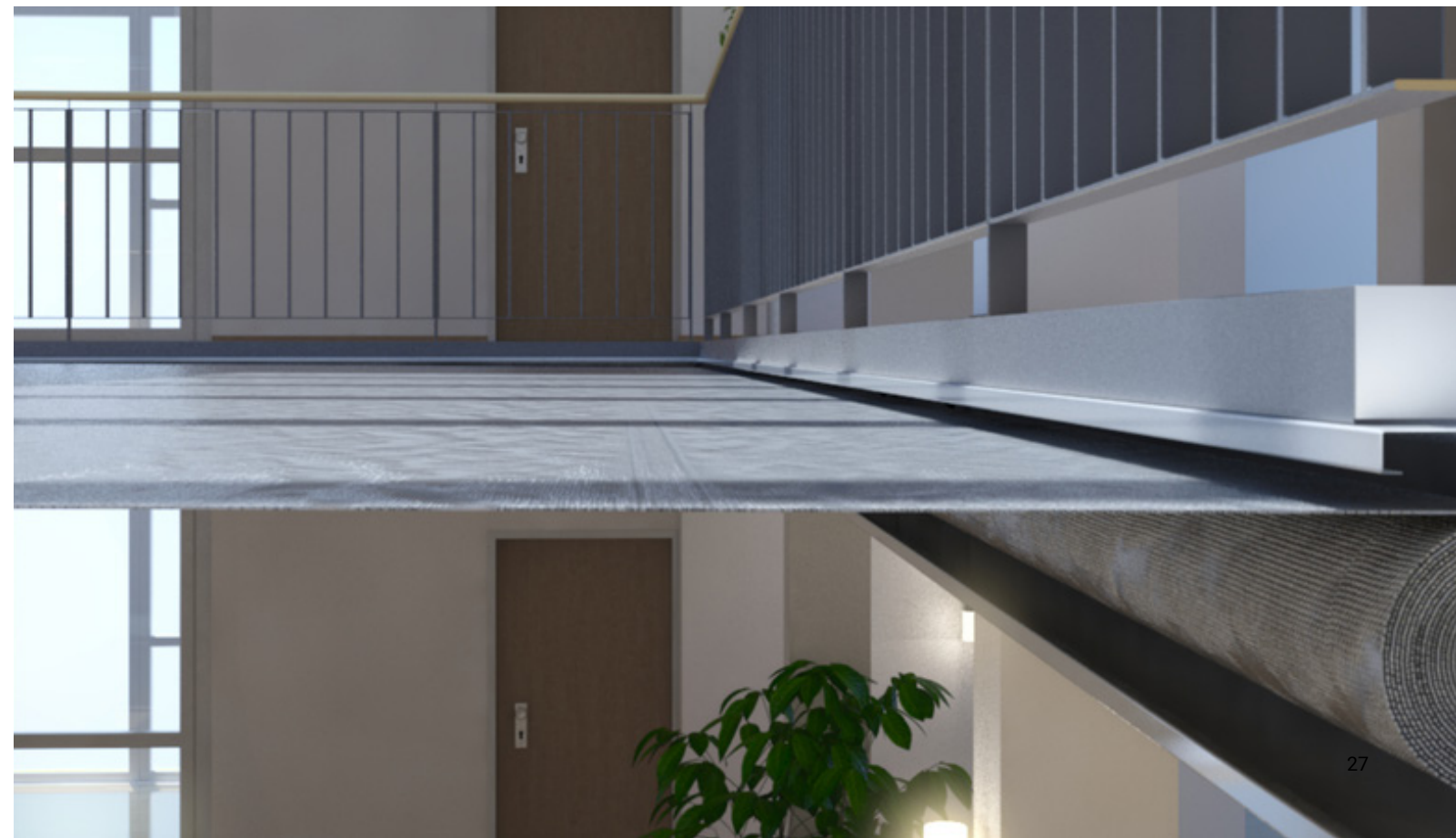


Fire & Smoke Curtains

Fire curtains are a form of fire protection and offer a flexible barrier to prevent the spread of fire and smoke in the event of an emergency. Our fire and smoke protection curtains are managed through a control module that is linked into the Building Management System (BMS) and Fire Alarm and will be automatically deployed in the event of a fire to create a barrier of safety between the fire and other areas of the building, preventing it from spreading and therefore reducing the damage caused and buying building occupants valuable time to evacuate safely. Fire curtains are commonly used in large open spaces such as atriums, airports, theatres or shopping centres but are also commonplace in building with fire-rated walls or doors that are required to remain open for day-to-day usage.

Fire curtains come in a variety of sizes, materials, configurations and fire ratings and can be deployed either manually or automatically. Automatic deployment is recommended to ensure swift activation in the event of a fire emergency. It is recommended that Fire curtains are regularly maintained to ensure that they remain in good working order that that they will function correctly in the event of a fire.

- CE marked solutions
- Compliant with testing standards EN1363-1, EN1634-1 and EN12101-1
- Fire resistance up to E120 and EW120
- Blend invisibly into building when not in use
- Different versions for foot traffic areas and escape routes
- Integrate with BMS and Fire Alarm





Fire-rated steel doors & emergency escape hardware

Fire rated steel doors

Our steel doors can provide safe, secure entrance and exit in corporate or commercial buildings. They can be easily incorporated into a new design or retro-fitted into an existing building to enhance and improve performance. They can be integrated with a wide range of door hardware and automation systems to meet appropriate requirements and can be fire-rated and insulated up to four hours to protect personnel & property from the spread of flames & smoke. The range has been tested to BS 476 Parts 20 & 22, and BS EN 1634. We offer fully CE marked external door solutions.

Panic Hardware

As part of the life safety function within a building, the correct panic hardware selection is critical to how the building performs. Our comprehensive range of panic exit devices covers multiple applications and door types and safe exit is always at the core of the solution.

We can provide systems from simple mechanical hardware right through to electromechanical and pneumatic panic hardware to integrate with access control and automation systems.

All our products are CE marked and comply with EN 1125 and are designed to perform both in normal use and when an emergency arises.

Key features: Steel Doors

- Certified and CE marked
- Conform to latest standards for weathering, wind resistance and air permeability
- Optional vision panels, full glazed panes, louvred or overclad variations
- Bespoke sizes up to 3,000mm x 4,000mm
- Up to 240minutes fire resistance
- Available with acoustic performance, thermal performance, explosion resistance, intruder or attack resistance



Area & Spatial Management

You can achieve a flexible space with our movable walls and partitions, which are ideal for turning one large area into two or three smaller spaces. Our movable wall systems are acoustically tested, easy to use and aesthetically pleasing.

Access to service areas in a building can be a real pain – we provide a concealed frame solution that can be easily installed and accessed and blends almost seamlessly into the surrounding walls to create a flush, smooth finish.



Wall & Partitioning systems

Our movable wall solutions allow for a more flexible use of space within a building while offering excellent acoustic properties and insulation values, making them ideal for creating smaller meeting spaces or offices within one large meeting or conference room. With a variety of finishes to choose from, the system runs smoothly along a track by means of ball-bearing trolleys for a superior end user experience.

Our range of glazed wall and partition systems is available in multiple forms with various wall thicknesses, materials, height capabilities, and aesthetics, depending on your specific requirements. Designed with the commercial office environment in mind, our specialist solutions offer a range of benefits to help create more efficient spaces and help boost productivity.

Internal glass walls offer a modern, stylish solution to dividing up larger open-plan spaces. They are commonly specified in commercial offices as they not only maximise the use of natural daylight, but they also allow architects and designers to achieve a practical balance between creating an impression of space, with the need for privacy.

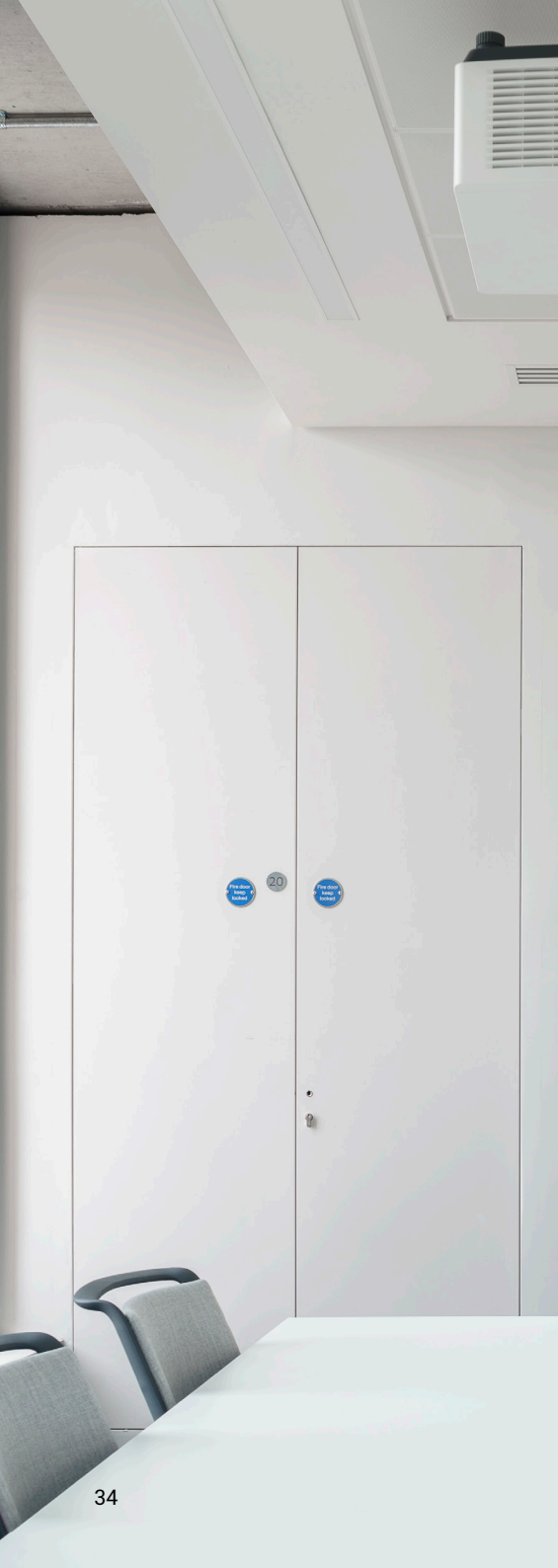
Made-to-order and available in an array of shapes and sizes, our glass walls are a versatile solution suitable for both smaller and larger internal spaces. Depending on the performance requirements of your space, we can provide internal glass walls that offer high levels of fire protection, as well as superior sound insulation and thermal efficiency.

Our range of glass walls include Sliding and Folding Movable Walls, as well as contemporary Frameless Glass Walls & Partitions, and demountable Aluminium Glass Walls & Partitions..

Key features

- Available as single, double or triple-glazed wall and partition systems
- Performance properties available include sound insulation (up to 54dB Rw), thermal efficiency, fire-rating
- Frameless and framed variations
- Available in bespoke sizes and multiple finishes
- Steel or aluminium solutions available





Riser Door Systems

A necessity in most buildings, traditional riser doors often create an unwelcome eyesore in public areas. KCC riser door systems are elegant, frameless riser doors which allow you to create a flush seamless finish. The high performance folded steel frames with an integral perforated plasterbead allow the plaster or tape and jointing compound to be applied up to the edge concealing the door frame and all fixings. Extensive testing has been carried out to cover for all fire and acoustic needs. As such, this range of concealed riser doors is the most extensive and versatile range on the market to date.

Key features

- Aesthetically clean and discreet
- Concealed frame
- Concealed hinge
- Remarkably quick and simple to install
- Fire tested up to 2 hours
- Acoustically and air leakage tested
- Textured or primed finish to allow same finish as walls



KCC
360

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Mastering the detail with KCC

KCC 360

Mastering detail

KCC 360, an end-to-end, intelligent, highly-detailed, specification and scheduling solution. Saving both architects and builders a huge amount of time and hassle.

How we do it

1 Crystal clear, easy to follow, easy to review, colour coded floor plans.

We colour code every element of your floor plan, identifying the key elements of the access strategy. Providing a clear picture of your project, speeding project reviews and helping to determine if the plans need to be adjusted.

3 Detailed isometric drawings in your Design Submittal.

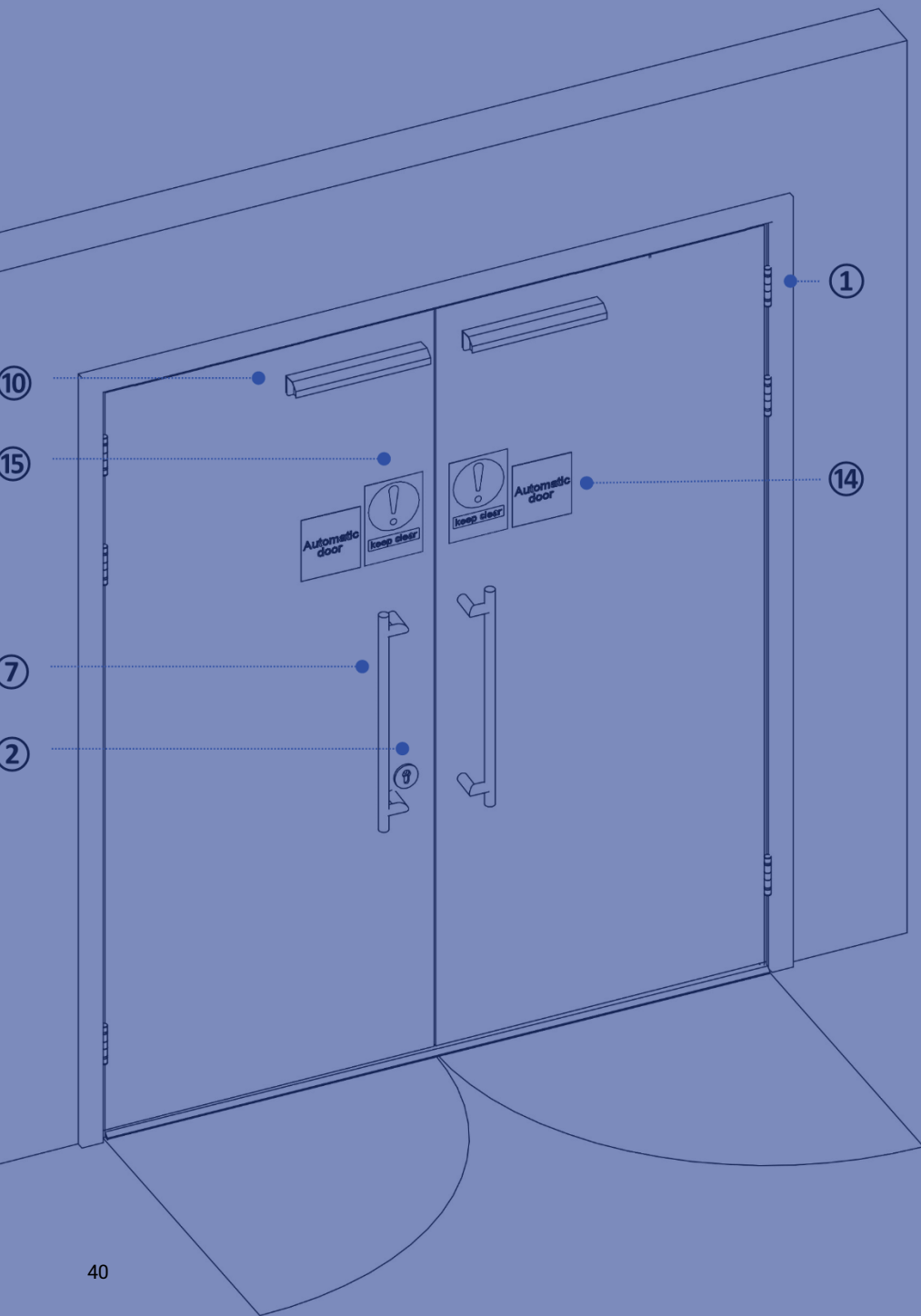
Showing the exact functionality of all components, allowing you to determine if the functions of that set match the exact requirements for that location in the building, speeding reviews and ensuring all functionality is carefully considered.

2 Every set and component mapped in your Project Sets Submittal.

We map out all the elements and components that make up your project in the Project Sets Submittal. All sets and components include the relevant colour coded key from the floor plans, so that you can easily relate each element back to its location in the overall plan.

4 All datasheets, specifications and certificates in your Technical Submittal.

Datasheets, specification text, certifications and warranties, for every component, every element, every set, of your project. All the technical information ready first time, for one review and approval. No need for multiple reviews and no need to chase the detail.



Operational Overview of this Set



Operation from the Outside

These doors are locked / unlocked by key via the cylinder deactivating the flush bolts ⑤. The swing door operates via the Keyswitch ⑫.

The door user activates the access control system which locks ③.

When these doors are unlocked and the flush bolts ⑤ pulled open via the pull handles ⑦.

Set Contents

- | | |
|---|------------------|
| ① Hinges | ⑫ Keys |
| ② Cylinder Lock | ⑬ Power |
| ③ Electric Lock* | ⑭ Automatic door |
| ④ Deadlock* | ⑮ Keep clear |
| ⑤ Flush bolt and Dust Excluding Socket* | |
| ⑥ Swing Door Operators* | |
| ⑦ Pull Handles | |
| ⑧ Kicking Plate* | |
| ⑨ Roller Finger Guard Blinds* | |
| ⑩ Safety Sensors c/w Rain Cover | |
| ⑪ Press to Open Pushpad* | |

*Not illustrated

Compliance: Not Fire Rated

All appropriate components have been tested to their datasheets for gradings & certification.

The components illustrated are generic and are not necessarily

KCC
DATASTORE

Access technical specs for 6,500+ products

Over the past number of years we've collated and digitised the technical specifications of more than 6,500 products - empowering your team and ours with instant access to all the detail they require. A huge online library of datasheets, specifications, certifications, warranties, and more. All the detail you need at your fingertips, all available for immediate access at thekccgroup.com.

Service & Maintenance Support & SLA's

Industry tailored packages with 24/7 support and emergency response available. Third party accredited fire door inspections, comprehensive reports, and supporting remedial works.



Maintenance Support

We provide industry tailored solutions for all sectors offering nationwide coverage from our locations in Dublin, Cork and Belfast. Our Service Level Agreement (SLA) clients benefit from 24/7 support and technical assistance.

Our skilled engineers and maintenance team provide compliant service and maintenance to minimise disruptive downtime to your business. Fixed routine maintenance fees also enable cost forecasting.

Maintenance support includes

- All forms of automatic doors
- Access Control systems
- Master Key suites
- Ironmongery - locks, levers, handles, cylinders
- Movable walls
- Emergency escape door hardware
- Door, wall & surface protection
- Door operators, closers & motors
- Fire Door Inspection & repair





Fire door inspection

Fire doors are a crucial part of any public, commercial or multiple-occupancy buildings protection strategy. They resist fire and smoke, protect escape routes and effectively save lives, but only if they work properly.

Our Fire Door Inspection service means that we will assess the door, report our findings and where necessary, correct any issues. Legislation* covering Ireland and Northern Ireland applies to all public buildings and responsibility for Fire Safety lies with the building manager, ie. whoever has day-to-day control of the building itself. This designated 'Responsible Person' is expected to take steps to protect occupants in your business or premises from the risk of fire.

A Fire Door is a life safety device and therefore needs the same consideration as fire extinguisher or fire alarm testing. The recommended frequency for fire door inspection is bi-annually.

*Fire Services Act 1981 / 2003 / Fire Safety Regulations NI 2010



When we have completed your inspection, we will generate a comprehensive report, detailing the condition of each door and listing any area of non-compliance. Our software creates a database and asset register for future on-going inspections.

As part of our post-inspection service, we can also facilitate any remedial works required to ensure that your doors are compliant.

In addition to inspecting and reporting on the Fire Doors in your building, we will also provide advice on:

- Future Inspection dates
- Any maintenance required
- Any replacement components required
- Whether or not replacement doors are necessary
- Quote for a 'supply only' or 'supply & fit' service for any maintenance or replacement parts detailed in the report.



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