

MAIN RECEPTION

KCC
GROUP

**Education
Solutions**

5 Access Strategy

Automatic Entry Systems	6
High Performance Timber Doors	8
Access Control	10
Key Management	12
Architectural Hardware	14

17 Fire Strategy

Emergency Escape Strategy - Doors & Hardware	18
Fire Rated Screens & Doors	20
Smoke & Heat Ventilation	21
Fire Door Inspections	22

25 Area and Spatial Management

Movable Walls & Partitions	26
Accessing Service Areas	28

31 Mastering the detail

KCC 360 & Datastore support	32
-----------------------------	----

37 Aftercare Support

Service & Maintenance Support & SLAs	38
---	----





Our purpose is to help make buildings work.

We help architects to realise their architectural vision, we're trusted by contractors to successfully deliver compliant, on-time, successful solutions, and we're relied on by building managers to keep their buildings safe, secure and performing as intended.

We provide innovative solutions for educational environments that support effective and compliant access / security and fire strategies. Our products enhance work spaces and assist in the safe and secure movement of your staff, students and other visitors into and around your building.

We offer a wide range of world-class products backed up by local expertise and design. We also provide comprehensive maintenance support to ensure the smooth operation and longevity 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:

-  Doors & Access
-  Facades, Partitions & Doors
-  Architectural Hardware
-  Service & Maintenance

From a small montessori to a large university, we offer solutions that will deliver for your staff, students and visitors.

Doors & Access

At KCC we draw on our vast knowledge and experience of educational solutions to provide you with an effective, sustainable automation and access strategy. Rather than dealing with each individual element our starting point is an overall view of your actual accessibility 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 educational facilities enables us to advise our clients on the most suitable product for their needs.

For example, the front entrance of a school will usually require an automated sliding door or swing door system. A university library for example may require multiple sliding or revolving door systems. Internally, some schools or university buildings might use hold-open automated swing doors to allow free footfall of students during peak times but in the event of a fire emergency or after normal hours, they may close automatically to seal off certain areas. 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.

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 EN16005:2012.

Solutions include

- Revolving Doors
- Swing Doors
- Sliding Doors / Curved Sliding Doors
- Folding Doors





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

Managing movement & access

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. With over 30 years experience working on education facility projects, we understand the requirement for robust, reliable and secure access control systems that will facilitate the movement of staff and students into and around the building, allowing open access to some areas while restricting access to others. We also understand that specific parts of the facility are often used outside of school hours for extra-curricular activities, such as a gymnasium, and we can create an access strategy to facilitate this while limiting access to the main building.

Solutions include

- RFID - Contactless Smart Access Solutions
- Stand alone & network-based control solutions
- Electronic locks & cylinders
- Electronic strike & magnetic door locks
- Bio-metric / recognition (fingerprint / hand / facial)
- BS EN1125 compliant electronic panic locking systems
- Touch-free sensor activation units





Key Management

Key management & control

Giving staff access to specific areas of the building and limiting access elsewhere is vitally important but managing it in a large building like a school or university campus 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. The security and safety of your building, staff, students and residents are crucial in schools and educational facilities of all shapes and sizes.

In addition to providing you with an access control strategy to manage the flow and movements of staff, students and visitors in your establishment, 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.

Master Key suite

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. Our custom-made functional plans are beneficial for anyone who has a property with a large number of locks and who wants to control security.





Architectural Hardware

We offer a wide range of architectural door hardware and accessories suitable for educational facilities. Our team will be able to advise you on the best hardware solution to suit your needs in terms of durability, intended use, fire-rating, aesthetics, finish, material and function.

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

To protect doors, walls & surfaces from damage through wear and tear in busy educational environments, we offer a range of impact protection and antibacterial solutions.

Solutions include

- Door Levers
- Pull Handles
- Door Locks
- Hinges
- Door Closers
- Door Signage
- Handrails
- Push & Kick Plates
- Bespoke Hardware Capabilities



Fire Strategy

An effective and compliant fire strategy is paramount in any public-occupied building. We assist you in ensuring your staff, students 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.



Emergency escape strategy: Steel doors & panic hardware

Steel doors

Our emergency escape steel doors can provide safe, secure entrance and exit in educational 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

Panic hardware is designed to provide high security from the outside but permanent, safe mechanical escape from the inside. Our range includes fully mechanical as well as electronic solutions that integrate with access control but always conform with the BS EN1125 Standard. The range covers solutions for timber, aluminium and steel door systems.





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 BS EN1634-1 / BS476 Part 22.

Smoke & heat ventilation

In any healthcare setting, having a good flow of natural air throughout the building is of paramount importance to maintaining the health of patients, staff, and visitors.

We can design, supply, install and maintain natural heat and smoke ventilation systems through manual and automatic window actuation systems and concealed automatic opening vents that can be linked into the Building Management System (BMS). This allows fresh air to flow into the building even through difficult-to-reach windows, allowing for natural ventilation.

Additionally these systems offer a carefully designed escape route for smoke in the event of a fire emergency, being linked into the buildings BMS and fire alarm.



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' (N.I / R.O.I) or 'supply & fit' (R.O.I only) service for any maintenance or replacement parts detailed in the report.



Area & Spatial Management

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



Movable walls & partitions

Movable walls and partitions allow for a better, more flexible use of space within a building.

Our movable walls solutions will satisfy even the most stringent user requirements. Our most popular options offer excellent acoustical properties and insulation values, ideal for creating multiple private rooms within one large ward for example.

The system runs smoothly along a track by means of ball-bearing trolleys, making it very easy for staff and maintenance officers to operate. The systems have been designed to eliminate the need for floor guides. They are made up from various different panels which can be finished in a variety of different styles.

Due to a metal self-supporting frame, a height of more than 15 metres can easily be reached, allowing you to design a wall that meets your requirements entirely, both technically and aesthetically.

Our walls can meet the highest fire safety requirements. We work with Parthos who are one of the few manufacturers in Europe who have developed a wall able to withstand flames for longer than 60 minutes. We also supply walls with a fire resistance rating of 30 minutes and fire retarding walls.





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

- Available in steel or timber
- 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

KCC
DATASTORE

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 Auto |
| ④ Deadlock* | ⑮ Keep |
| 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



Access technical specs for 4,000+ products

Over the past number of years we've collated and digitised the technical specifications of more than 4,000 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.



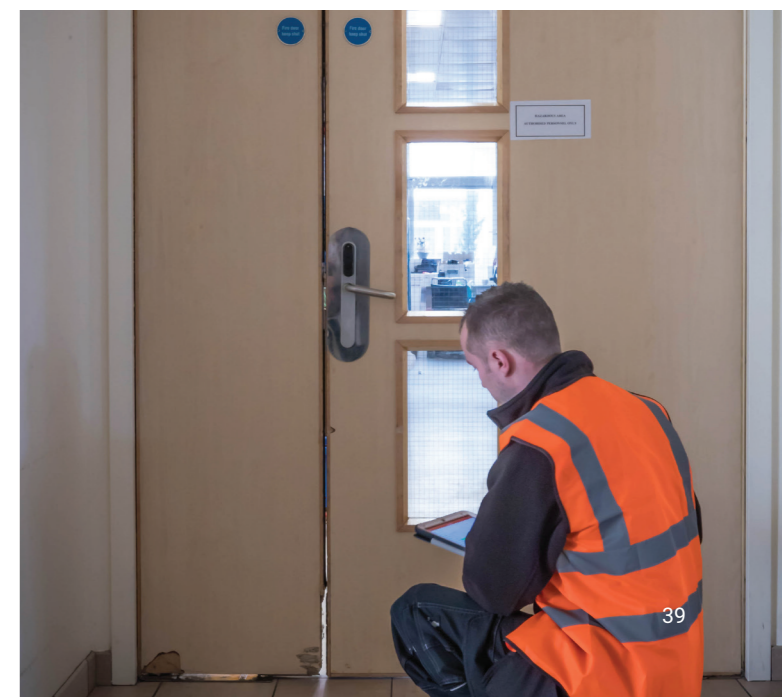
Maintenance support

We provide tailored maintenance solutions for all sectors including education, 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



Dublin | Cork | Belfast | Dubai

E solutions@thekccgroup.com

W thekccgroup.com

KCC
GROUP