



KCC
GROUP

**Datacentres, Datahalls
& Fulfilment centres**



Meeting the requirements of high security, data centres

Put simply, we help make buildings work.

Data centres provide critical IT infrastructure needed to deliver resources and services to business employees, partners and customers around the world.

With experience on high security data centre projects across Ireland, Europe and South Africa, we have the scale and expertise to deliver project-specific advice and appropriate products to projects of this nature.

We work with our clients from initial design and specification stage straight through to on-site installation and ongoing maintenance. We understand the stringent security requirements of our data centre clients and we draw from our portfolio of secure doors & access systems, specialist glazing systems, fire protection systems and architectural hardware to deliver compliant, trusted solutions.

In this brief guide we'll look at some of the most commonly specified products for data centres from our extensive portfolio.

What we do



Automatics & Access Control

Complete end-to-end solutions for commercial and multi-unit residential projects. Timber, steel, glazed, automated or manual, revolving, swing and sliding doors, all ironmongery, locking systems & access control.



Facades, Partitions & Doors

Custom, slim-frame, internal and external, steel and aluminium glazing and partition solutions for premium commercial and residential projects



Architectural Hardware

An extensive range of architectural hardware and ironmongery, including closing devices, cylinder locks, door furniture, locks, latches, panic exit devices and hinges.



Service & Maintenance

Extensive service capabilities across buildings in all sectors, fire door inspections, service agreements, maintenance programmes and 24 hour emergency response.





High security, steel doorsets

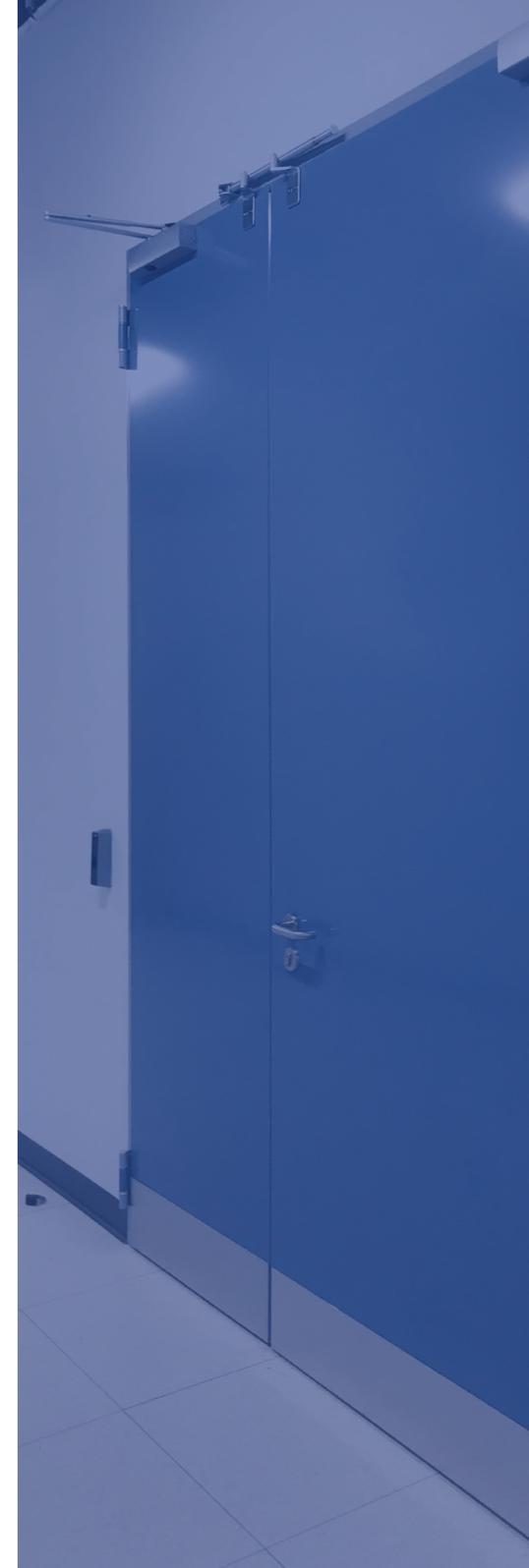
Steel doors play an important role in data centres, fulfilling a range of important functions including security, fire resistance, acoustic performance and insulation.

We also provide steel door solutions to meet more demanding performance criteria such as blast resistance or intruder resistance, as per our clients specific needs.

Specialist steel doorsets provide a reliable, long-lasting solution for both internal and external use and are available with or without fire-rating, allowing you to combine form and function with options to suit all budget, aesthetic and performance requirements.

Key features

- Fire protection
- Acoustic performance
- Burglary resistance
- Ballistic protection
- Attack resistance
- Strength & durability
- Available with / without vision panels
- Up to 4 hours fire protection
- Aesthetically-pleasing





High performance, specialist timber doorsets

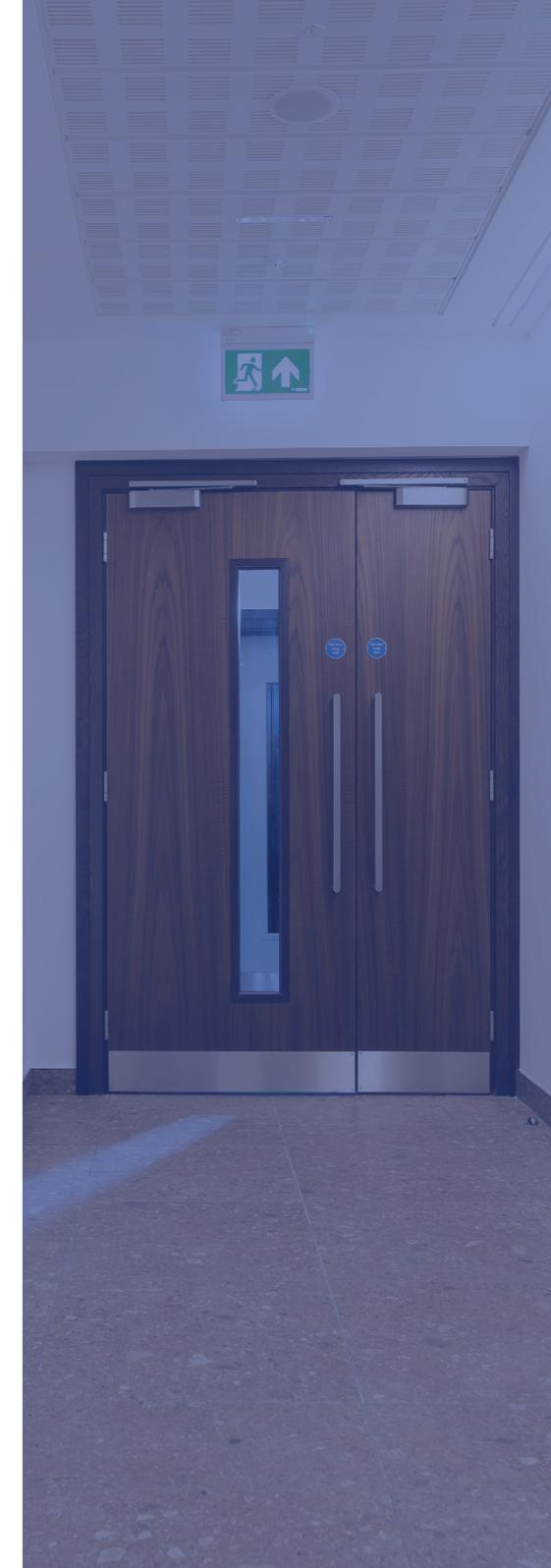
Our high performance timber doors provide a range of performance capabilities to meet demands such as fire resistance, acoustic performance, radiation shielding, anti-microbial protection, door and user protection, privacy, strength and durability.

Our timber doorsets are manufactured to our clients exact specifications at our manufacturing facility in Antrim, Northern Ireland, meeting the highest fire door standards with full CE marking and compliant with EN Standards for fire.

Our timber doors are also available with integrated hardware, locking systems, automation or vision panels and are most commonly specified in the administration blocks and logistic buildings for datacentre projects.

Key features

- Fire resistance / Smoke resistance
- Acoustic performance
- Anti-microbial protection
- Severe duty performance
- Vision panels / glazed screens
- Choice of door leaf finishes
- Choice of door frame materials
- Integrated ironmongery
- Door & user protection options



Door Hardware & Ironmongery

All our doorsets come complete with integrated door hardware, electronic locking, or access control as required. Our high performance doorsets offer certified performance, superior durability, compliance with relevant standards, reduced on-site installation time and enhanced aesthetics.

Our comprehensive range of panic exit devices cover multiple applications and door types, and safe exit is always at the core of the solution. We provide systems from simple mechanical hardware right through to electromechanical and pneumatic panic hardware.

With our doorset solutions, door hardware and ironmongery can be integrated into your package. In terms of usage, aesthetics, and function, our team will be able to advise you on the optimum hardware solution for your requirements.

Key ironmongery components

- Door levers
- Pull Handles
- Kick / Push Plates
- Hinges
- Door closers
- Locks / Cylinders
- Electric locking
- Panic hardware



Other Products

Glazed Screens

Containing and controlling the spread of a fire is crucial to providing building users and occupants with a safe and effective passage to escape. When choosing the right solution for your building, the choice of system is determined by your fire resistance requirements. Our glazed fire screens and doors are available with integrity-only (E) or integrity & insulation (EI) fire protection ratings, depending on your specific requirements.

Concealed Riser Doors

A necessity in most buildings, KCC riser door systems are elegant, frameless doors which allow you to create a flush seamless finish which does not obstruct the design. Extensive testing has been carried out to cover for all fire and acoustic needs, with a fire rating of up to 120 minutes. As such, this range of concealed riser doors is the most extensive and versatile range on the market to date.

Fire Curtains / Smoke Curtains

Fire and smoke curtains provide a wide range of protection aims in the event of a fire. Fire curtains blend almost invisibly into the building and along with smoke curtains, they restrict the movement of fire and smoke allowing building inhabitants to evacuate in sufficient time. We work with you to ensure that your data centre facility meets all industry standards and regulations.

Curtain Walling

We provide fire-rated and non-fire rated internal and external curtain walling systems as well as viewing panels to assist in protecting your building in the event of a fire by compartmentalizing between levels and slowing the movement of fire and smoke between rooms.



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