

Elite
DOORS

PART OF KCC GROUP

Manufacturers of specialist
high performance doorsets



Timber Fire Door
Manufacture
Enhanced Security Door





Our purpose is to deliver specialist, high quality, certified timber doorset solutions.

We do that by manufacturing bespoke, superior quality, **BM Trada Q Mark certified** doors in our facility in Mallusk, Northern Ireland and providing our clients with exceptional aftercare. All to provide durable, compliant doorsets that perform as intended, raising the bar for quality and certification.



Our capabilities

The coming together of KCC and Elite Doors greatly enhances our capability to offer clients fully integrated doors and ironmongery from a single source. Our certified doorsets are manufactured to the highest fire door standards, compliant to BS476 Part 22 for fire and all products are available FSC® (FSC-C133442) certified on request. Look for our FSC®-certified products.

Elite Doors manufacture high performance, **BM Trada Q Mark certified** timber fire doors for the commercial, health, education and local government sectors. The company has developed a strong brand over the past 30 years which is renowned for excellent quality, great service and after care.

With the growing demand from our clients for safety, security and accessibility in their building design, KCC can now offer a total solution. Our service and supply which includes hardware, integrated timber and steel doorsets, automatic doors, access control, facades and partitions, aims to satisfy client needs through one single source. In addition to this, our fully qualified fire door inspection team can provide peace of mind, by offering a service which includes inspection, repair and replacement of fire doors.

With KCC as a tried and tested partner who continues to innovate and expand it's offering to the construction community, we look forward to building our relationship over the coming years.

Look & feel options

Door leaf

Veneers

Premium grade veneers from sustainable managed forests enable clients to achieve an aesthetically pleasing and economical high-quality, genuine wood veneered facing doorset from a range of timber species allowing for a variety of different finishes according to the clients preference and the overall project design intent.

PVC-u

For areas where hygiene control is a priority, we recommend PVC-u encapsulation for protection against the spread of germs and bacteria. The durability of this product ensures the longevity of your doorset, making it an ideal solution for healthcare environments in particular.

Laminates

We have an extensive range of laminate colours available to enhance overall design aesthetic of your project. From bright and vivid solid colours to realistic woodgrain, laminate provides a smooth and easily cleaned surface making it an ideal solution for health and education environments.

Paint

We offer a fully primed doorset to be prepared in the factory allowing for a superior site paint finish.

Frame Options

Wood

Our traditional wooden frames can be manufactured from Softwood, Hardwood or MDF. Our timbers are available as rebated, double-action or plant on stop frames, with the option for either a clear lacquer finish or a hygiene control coating. Both softwood and hardwood frames can be primed for final decoration on site.

Steel

Steel frames are ideal for use in high traffic buildings, such as in the healthcare, educational, pharmaceutical and other sectors that require a strong doorset. Combining the strength of steel frames designed to wrap around the wall with high quality timber doors, provides an excellent combination of strength and aesthetics.

PVC-encapsulated

PVC-encapsulated frames are a popular solution for environments such as healthcare, pharma or commercial buildings due to their strength and durability and minimal maintenance requirements. They also offer a hygienic solution as they can be easily wiped with alcohol-based products to kill bugs or germs.

Veneer options

Popular choices include



Ash Veneer



Oak Veneer



Walnut Veneer



Birch Veneer



Pippy Oak Veneer



Fumed Oak Veneer

While these are some of the most popular choices for veneer finishes, our doorsets can be supplied in any certified commercially available veneer.



Crown Cut

The log is sliced along its length, resulting in a figured appearance. This generally produces a veneer with a central area of strong figurative grain.



Quarter Cut

The log is cut along its length to form four separate quarter logs. These are then sliced at 90 degrees to the growth rings to provide a veneer with a relatively uniform linear vertical grain.



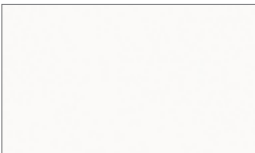


Laminate options

Popular choices include:

While these are some of the most popular choices for laminate finishes, our doorsets can be supplied in any Formica® laminate finish.

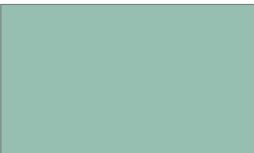
Solid Colour



Polar White



Spectrum Blue



Dusty Jade



Spectrum Red



Vibrant Green



Storm Grey

Woodgrain effect



Elegant Oak



Oiled Walnut

Frame options

Frames can be supplied in a variety of materials as outlined below with a primed, painted or lacquered finish:

- Moisture-resistant MDF
- Softwood
- Hardwood
- Engineered MDF
- PVC-encapsulated
- Steel

CUBITH

Wrap around frame
Three part frame consisting of a two part wrap around frame and stop. Does not use architraves and can be used to achieve a shadow gap effect.



MONO

Fixed rebate frame
Sturdy single piece frame with either single or double rebate.



BARUM

Loose stop frame
Two part frame consisting of a flat main frame supplied with a loose stop to be fixed on site.



Perimeter Seals & Architraves

Perimeter seals provide protection against cold smoke ingress. The correct specification and installation of perimeter seals is critical in providing enhanced acoustic properties of the doorset. We offer compliant solutions in a variety of colours.

Architraves can be provided either softwood primed or MDF paper wrapped in 45mm x 15mm or 69mm x 15mm sizes.





Glazing options

Glazing beads

We provide glazing beads to hold glazed panels securely in place in fire-rated and non fire-rated doors. Available in a range of materials and finishes to suit your specific project requirements.

Vision Panels

We offer a unique, patented, dual position screen viewing panel for doorsets allowing you to meet demands for both privacy and security and giving the user the ability to observe. These units are fully fire tested and made to suit your specific project requirements. Ideally suited to healthcare, education and commercial environments.

Surrounding Screens

We can provide bespoke performance screens for your doorsets with up to 60 minutes fire resistance and 47 RwdB. These are available in a wide range of materials and are tailormade to your aesthetic and performance demands but built in a way that allows a practical installation.

Glazing

- FD30/0 7mm Pyrobelite / 7.2mm Pyroguard
- FD30/30 16mm Pyrobel / 15mm Pyronova
- FD60/0 12mm Pyrobelite / 11.4mm Pyroguard
- FD60/60 24mm Pyronova
- FD60/60 25mm Pyrobel
- Intastop Privacy Panel
- Anti-ligature panels available
 - Vistamatic Panel, Fire & Non-Fire rated
 - Roeh Visionpanels, Fire & Non-Fire rated
- Between glass blind units available

Vision Panels

We offer a wide variety of vision panel shapes and sizes for our doorsets, depending on your requirements. Some of the more popular variations are shown on the right.

All vision panels are glazed with one of the following variations of safety rated glass:

- Clear laminated / toughened glass for non fire-rated options
- Clear safety glass for FD30 and FD60
- Obscured glass is also available as fire rated and non-fire rated





Surrounding Screens

- Fire rated and non-fire rated option
- Fire-rating up to FD60
- Up to 47 RwdB
- Different finishes available

Surrounding screens

We can provide bespoke performance screens for your doorsets with up to 60 minute fire resistance and 47 RwdB.

Glazed screens are often specified for both functional and aesthetic purposes, eg. for way-finding and fire-protection and in order to maximise the amount of natural light flowing through a space. Door leaves can be incorporated into surrounding glazed screens constructed using certified and tested frames.

The glass used within the screens is determined by the performance specification or project requirements and the frames are available in a variety of finishes, or primed ready for painting.

Performance requirements

Fire Resistance

We can offer up to 120 minutes fire resistance across our range in addition to non fire-rated doorsets where appropriate.

Acoustics / Sound reduction

As standard we can ensure sound insulation values of Rw DB30 / DB35 / DB37. We can also offer extended performance sound insulation up to Rw DB40 to meet specific requirements.

Radiation Shielding

We have extensive experience in radiation protected doorsets most commonly used in the healthcare sector. We can offer code 3 to code 8 lead protection. We also manufacture lead lined plywood for wall lining to rooms where x-ray equipment is to be used. Radiation protected doorsets can also include vision panels.

Anti-microbial protection

In environments where hygiene control is of paramount importance we offer anti-microbial protection against species of bacteria such as C-difficile, MRSA, salmonella, E.coli, and Listeria.

Door & user protection

We offer a variety of protective measures to ensure the longevity of your doorset and the safety of your users, including kick plates, push plates, finger protection and edge guards.

Privacy

We can integrate vision panels for monitoring and privacy purposes into both fire-rated and non fire-rated doorsets. These are most commonly used in the healthcare sector but also popular in commercial office blocks and educational buildings.

Strength & Durability

Heavy usage environments call for “Severe duty” rated doorsets to meet your projects’ performance requirements and ensure the longevity of your unit. These are available in a range of materials and finishes.





Fire resistance

The single most important function of a fire doorset is to prevent the spread of fire and smoke throughout a building and to provide occupants with time and a safe escape route out of the building in the event of a fire emergency.

Our range covers fire and smoke rating from 30 minutes up to 2 hours, depending on your requirements eg. the building type, location within the building, usage levels, door purpose etc.

Our doors are tested to BS476 Part 22 for Fire.

Tests for severe duty include:

- DD161 clause 4.3, 4.4, 4.9, 4.10, 4.11
- EN947, 948 & 950
- EN1191
- PAS 23 clause 6.3



Fire Resistance

FD30

FD60

FD90

FD120



Acoustics / sound reduction

Acoustic performance doorsets are specified across a wide variety of projects, most commonly in education, healthcare, commercial and public sector facilities. We manufacture bespoke acoustic doorsets in a wide variety of configurations, fire-rating and finishes.

To ensure maximum sound insulation, we include both perimeter and threshold seals. A typical doorset construction with both perimeter and threshold seals can provide sound insulation of up to Rw 37 dB. For applications requiring a more specialist acoustic performance, we can provide up to Rw 40 dB.

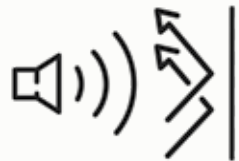
Typical applications

Education: Lecture halls, Auditoriums, Classrooms

Commercial: Boardrooms, meeting rooms, corporate office suites

Healthcare: Consultant suites, bedrooms, operating theatres, plant rooms

Public: Courtrooms, Plant rooms, offices, theatres, cinemas



- DB30 / DB35 / DB37 as standard
- Extended performance to DB40



Radiation shielding

We offer radiation protection doorsets with up to code 8 lead protection. The majority of doors will utilise code 5 (2mm) lead but this can vary depending on the machine output, proximity and patient through-put. For example, doors for dental and veterinary use could be as low as code 3 (1mm lead) whereas a door for a CT Scanner could be code 5 or 6 (2.65mm). The lead is pressure laminated within the construction of the product and is not accessible to end users, patients or public.

Vision panels can be added using x-ray glass manufactured to the lead code equivalent.

- Up to code 8 lead protection
- Vision panels





Anti-microbial protection

We understand the importance of hygiene control across all sectors and can provide an anti-bacterial finish for infection control and prevention in our doors and doorsets. The risk of infection and contamination exists in all environments, whether it be a hospital, care home, school, hotel or catering establishment.

These and other sectors require protection from bacteria and cross contamination from installations such as walls, doors and floors. We incorporate an anti-microbial treatment into the wood lacquer on all veneered and PVC-encapsulated doorsets which offers protection against most species of bacteria including C-difficile, MRSA, salmonella, E.coli, and Listeria.



Door & user protection

For new builds or replacement doorsets, we can supply units pre-fitted with hand and finger protection completed as part of our in-house manufacturing process.

This is especially popular in education and healthcare settings where there is a larger risk of an individuals' fingers or hands getting caught in the door which in some instances can result in serious injury.

Additional protection measures

- Kick Plates
- Push Plates
- Trolley Plates
- Edge Guards

The material used for door protection can be Aluminum, Stainless Steel or PVC. You also have the option to have kick plates surface-fitted or recessed flush with the veneer.



Privacy

We can provide fire-rated or non fire-rated vision panels as part of our doorset offering. These are typically used in the healthcare sector for patient privacy or monitoring but are also popular in education and commercial developments.

The privacy vision panels are made up of three sheets of glass sealed as a single panel with evenly spaced, alternating lines and a sleek handle to allow either privacy or observation.

The standard make-up for our vision panels for privacy glass, consists of two outer sheets of 6mm toughened glass and 4mm annealed middle sheet of glass for a total thickness of 18mm; this allows for easy installation that does not require cutting or drilling.

Benefits of integrated vision panels

- Maintenance-free
- Infection control
- Easy installation – no cutting or drilling required
- Manually operated
- Non-standard sizes / bespoke panels to best suit your needs





Tests for severe duty include:

- DD161 clause 4.3, 4.4, 4.9, 4.10, 4.11
- EN947, 948 & 950
- EN1191
- PAS 23 clause 6.3

Strength & durability

Our doorsets are robust and durable enough to withstand heavy usage and busy environments.

Our service is bespoke to your individual project needs and we work with you to provide the optimum doorset solution for your intended usage. For example, we provide what we term “severe duty” rated doorsets for hospitals, schools and public buildings where daily abuse levels can be high and there is a constant, heavy level of footfall.

We offer a variety of veneers, laminates, PVC finishes to ensure that your doorsets are able to meet and exceed your requirements. Frames can be manufactured from Softwood, Hardwood, MDF or Steel, depending on your specific durability requirements.



Dual Scope PAS 24 Doorsets

- FD30 or FD60 variations
- Multipoint locking system
- BM Trada Q Mark third party accreditation

Enhanced security doorsets

We offer **Dual Scope PAS 24 doorsets** accredited under **BM Trada Q Mark** which have been designed and rigorously tested to resist multiple forms of attack on the door, frame and locks, such as kicking, shoulder barging, levering and lock manipulation.

These PAS 24 doorsets are available with either 30 minute or 60 minute fire rating and incorporate a multipoint locking system.

Document Part Q of Building Regulations states that all accessible windows and doors on new properties should be secure and tested to PAS24 or an equivalent security standard. In order to be certified our doorsets underwent a set of stringent physical attacks through BM Trada, a UKAS accredited third party, to demonstrate and assess their ability to resist attempts to break in. Therefore clients and specifiers can rest assured that PAS24 doors can be relied on to provide a high level of protection from burglary.

Integrated ironmongery

By specifying a complete Elite Timber Doorset, you benefit from a fully integrated product, including the door leaf, frame, architraves, glazing and all operating ironmongery pre-prepared and installed for you in the factory.

The ironmongery and hardware accessories we can provide as part of your doorset package include:

- Door levers & pull handles
- Locks, lock cases & cylinders
- Door closers - visible or concealed
- Hinges
- Signage
- Kick plates & push plates
- Escutcheons, thumb turns & indicators
- Flush bolts
- Door stops

Benefits of choosing integrated doorsets

- Certified performance
- Superior durability
- Enhanced aesthetics
- Compliance (eg. Doc M / Building Regulations)
- Reduced installation time
- Reduced site work & co-ordination
- Cost saving

Additional hardware capabilities

- Mechanical & electronic access control systems



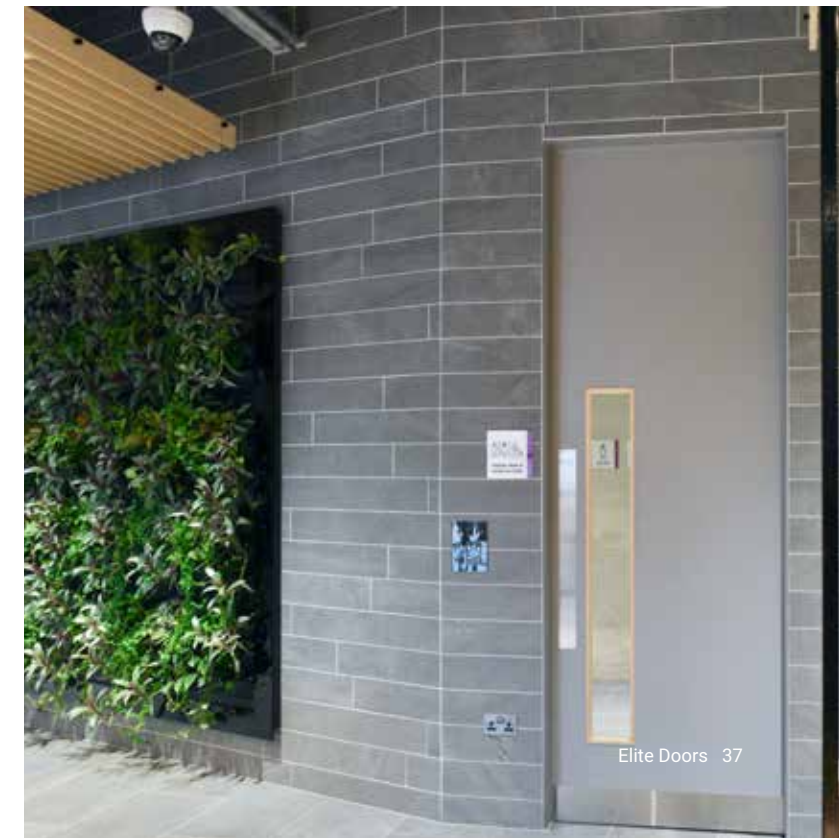


Applications

Our experience and portfolio allow us to operate across all sectors including:

- Commercial
- Leisure
- Hospitality
- Government buildings
- Student accommodation
- Pharmaceutical
- Sport & leisure
- Retail
- Education
- Financial
- Public

We offer a bespoke service to all of our clients. We work with you to design a project-specific offering taking into consideration your perceived footfall, usage requirements, location within a building, the most suitable material for use, the fire-rating requirements, acoustic or radiation considerations, ironmongery requirements, design and desired finish.





Specialist applications

Anti-ligature doorsets

At Elite, we understand that specialist environments have specialist requirements. We offer full anti-ligature doorsets in a variety of finishes such as PVC encapsulated doors and frames, veneer finish or paint grade .

We work closely with our parent company KCC Group to ensure an integrated doorset and anti-ligature hardware solution ensuring all components work harmoniously together to protect vulnerable users.

Within specialist environments, there will be different requirements based on their location and the intended users. We offer solutions to suit all areas including:

- Seclusion room doorsets
- Bedroom doorsets
- Ensuite doorsets
- Communal area doorsets

All doorsets can be integrated with the appropriate ironmongery, vision or privacy panels, automation, electric locking or access control, all manufactured bespoke to the project or buildings exact requirements.





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Get in touch

Elite Doors Ltd, 3 Nicholson Drive, Mallusk, Newtownabbey, Co Antrim, Northern Ireland, BT36 4FH

t. +44 (0)28 9446 6422

e. sales@elite-doors.co.uk

Visit www.elite-doors.co.uk

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