SENTRY DOORS

The secure choice for fire safety



KNOWLES

Part of SENTRY DOORS

UK leader in timber fire safety and security doorsets

Sentry Doors are the UK leader in timber fire safety and security doorsets. We are manufacturers of bespoke, fully certified, timber fire and security doorsets across the social housing, care home, education, healthcare, commercial, leisure and residential markets.

At Sentry Doors, we are committed to providing confidence in compliance. Continuous investment into our manufacturing facilities allows us to deliver a vast range of compliant doorsets that are right first time, on time, in full. As a UK manufacturer, quality is at the core of our philosophy. We recognise the need for reliability within the fire safety sector and this is reflected in our portfolio of accreditation, our commitment to quality and our approach to service.

The secure choice for fire safety

We consider our customers as partners and work closely with you from start to finish to provide confidence in fire door procurement. This reputation for reliability teamed with over 130 years of manufacturing excellence, is what makes us the secure choice for fire safety.

Our long-standing partners include some of the UK's largest contractors, distributors, and architects, who appreciate our commitment to quality, innovation, and sustainability.



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Why we lead the way in Fire Doors



"Compliance and certification are the cornerstones of our philosophy, so we test every component of our products as we develop and enhance them. This commitment to providing reliability in our sector, is why we have invested heavily over the years in both our processes and our people. This, teamed with our family ethos, is why we continue to lead the way in timber fire door safety and security and why we are the supplier of choice for many long-standing partners across all sectors."

Ty Aziz, CEO, Sentry Doors Limited

CONFIDENCE IN COMPLIANCE

We offer the most robust certification portfolio in the market. Our extensive collection of certification allows us to manufacture bespoke, timber fire and security doorsets in a variety of sizes and finishes. We are continuously investing in research and development to expand our product offering and can react quickly to regulation changes.

KNOWN & TRUSTED

With a combined heritage of over 130 years, our knowledge and technical expertise, alongside our family-run ethos make us one of the most trusted manufacturers in our markets. Our long-standing partners include some of the UK's largest contractors, housing associations, distributors, and specifiers supporting large scale projects.

UK MANUFACTURER

All our doorsets are manufactured in either of our state-of-the-art sites located in Doncaster and Birmingham, totalling just over 100,000 sq. ft. in size. Our manufacturing facilities provide us with the scope to meet customer requirements and allow us to keep up with the continued increase in market demand. We are proud to be a Made in Britain (MIB) member. The official mark provides opportunities for our business to showcase our products and network with the MIB community, enforcing a collaborative approach to UK manufacturing.

WORKING TO A SCHEDULE THAT SUITS YOU

No project is too big or too small. Due to our manufacturing capacity and processes, we can meet strict project deadlines and offer a flexible delivery service. We pride ourselves on delivering high quality products on time, in full, and can work to a call off schedule if site storage is not available. Our friendly team will communicate with you at all stages, co-ordinating your deliveries to suit your specific project requirements.

A COLLABORATIVE APPROACH TO FIRE DOOR PROCUREMENT

We treat our customers as partners and work to build strong, long-lasting relationships. This customer-centric approach is apparent in everything we do. This, combined with our technical expertise including an in house technical and compliance team, means we can guide you through fire door specification and compliance to give you the utmost confidence. We are continuously developing our library of resources from survey forms to installation guides and data sheets.

BESPOKE & FACTORY ASSEMBLED

All our doorsets and screens are bespoke, manufactured in-house to suit individual project requirements. With the level of flexibility on offer, there is no need to compromise on style to achieve the highest standards of fire safety. All doorsets are made to measure and are available in a range of styles, with a choice of ironmongery and finishes. Our doorsets can be factory assembled and supplied pre-hung, ensuring a consistent level of quality assurance throughout the procurement process, whilst providing ease of installation for our customers.

QUALITY ASSURANCE IN EVERY DOORSET

Quality assurance is at the heart of our business, and over the years we have perfected quality control measures to meet our customers' needs. We are committed to meeting customer expectations through quality and continuous improvement. Achieving independent third-party ISO 9001 certification helps ensure consistently high levels of product quality and service. Not only do these schemes provide a reliable way to identify that a door is certified, but they involve periodic audits to ensure our doorsets remain compliant.

SUSTAINABILITY

Our continuous commitment to ethical practices guides everything we do. From product design to selecting our supply chain, we make conscious efforts to ensure we are selecting the right suppliers who share our environmental values. As an ISO 14001:2015 certified company, we are constantly striving for ways to reduce our carbon footprint and environmental impact, with regular waste management analysis and by monitoring our energy usage.

Confidence in Compliance

We offer the most robust certification on the market. Designed to offer peace of mind, we have built an extensive certification portfolio, and are continuously adapting to industry standards to improve our scope and further support our stance as the market leader, providing complete confidence in compliance.

We pride ourselves on continually demonstrating commitment to the highest standards of construction practice and this is evidenced in the certification and accreditation we hold.

Extensive Third-Party Certification

BM Trada Q-Mark Dual Certified

We are one of the few companies nationally to have achieved dual certification (Q-Mark Fire Door Manufacture and Q-Mark Enhanced Security) for both our FD30S and FD60S flat entrance doorsets. As members of the BM Trada Q-Mark fire door manufacturer scheme, we ensure that every fire door we supply is tested by the world's leading provider of certification, providing assurance of our product's performance.

Secured by Design

Our Flat Entrance FD30S and FD60S doorsets are certified by Secured by Design as a result of these doorsets meeting the strict set of requirements set out in PAS 24:2016.

IFC Certified

Our Knowles Range fire doors are also IFC certified. This quality accreditation provides a valuable trust mark for our customers, demonstrating that our doors are manufactured to a specific quality level and are compliant with the latest fire legislation. Each fire door is provided with a permanent label to signify its compliance.

Fire Door Manufacture

Enhanced Security Door

A Library of Primary Test Evidence

Over the years we have built an extensive range of successful primary test evidence.

We offer the most robust certification portfolio in the market based on our primary test evidence, written around our BM TRADA Field of Application Assessment (Chilt/A13067). Our fire doorsets undergo independent testing in a UKAS approved test house, regularly exceeding test standards. Recent test evidence includes two separate successful bi-directional tests of flush FD30S door set combination frames with fanlight and sidelight and a bi-directional burns test of our double-glazed range, which included our double-glazed doorset complete with double-glazed and panel sidelight.

Our test evidence gives us the scope to manufacture bespoke timber fire and security doorsets in a variety of bespoke sizes and styles.



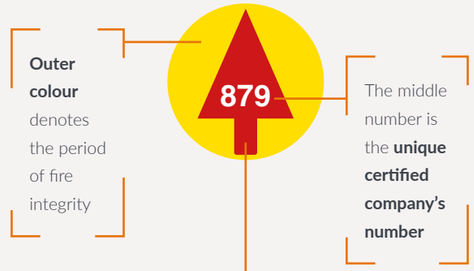


BM TRADA Q-Mark Plugs

All our fire doors are checked to make sure they are manufactured under the strict requirement and permitted scope of the BM TRADA scheme and supplied with a coloured plug indicating its status and level of fire resistance.



Identifying the Q-Mark Plugs



Outer colour denotes the period of fire integrity

The middle number is the **unique certified company's number**

The **inner tree** colour identifies the status of door or frame manufacture.

Silver	Factory hung.
Orange	Approved factory glazing.
Red	Intumescent strips not supplied.
Green	Intumescent strips prepared for and supplied.
Gold	Certified installation of a complete factory hung doorset.

CERTIFICATION PORTFOLIO
View our Certification Portfolio to find out more about our range of certification and testing.

SOCIAL HOUSING

We understand the importance of fire doors in demanding buildings such as high-rise flats, apartments, shared accommodations, and HMO's.



> We have a long-standing relationship with Sentry Doors as the supplier of choice for fire rated doorsets. Sentry Doors provide ease of compliance with their range of fully certified fire safety and security doorsets which offers the peace of mind we need when procuring fire safety products.
>
> Morgan Sindall Property Services

CARE HOMES

We understand the importance of fire doors in demanding buildings such as nursing homes and residential care facilities.



EDUCATION

We manufacture a range of fire doors for our clients in the education sector. These can include anti-trap finger protection mechanisms, and door and frame edge protection.



HEALTHCARE

We supply HTM (Health Technical Memorandum) compliant doors, classed as severe duty suitable for the most demanding medical environments.



COMMERCIAL

We offer a wide range of door solutions for high traffic areas in commercial applications. Our doors are ideal for heavy footfalls and can withstand extensive use.



LEISURE

Our laminate doors are ideally suited to leisure applications, offering high performance and durability plus antibacterial protection.



> We purchased doors and frames to supply a University Campus. We used these products due to the price range and the fast turnaround times. They were very professional and supportive from quotation to final delivery of a three-phase delivery.
>
> Contractor

SENTRY DOORS
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Internal Flat Entrance Doorsets

Fire doors are a crucial part of a building's passive fire protection system. They are a legal requirement in flats when the door opens into a communal area that is shared with other tenants.

Our range of internal flat entrance fire doorsets both FD30S and FD60S internal doorsets hold dual certification to NM TRADA Q-Markt Fire Door Manufacture and BM TRADA Q-Mark Enhanced Security. Available in FD30S and FD60S, our doorsets undergo extensive testing, and our robust certification portfolio enables us to offer a range of designs in bespoke sizes to suit the most exacting project requirements.



Benefits

- Fully certified, bespoke doorsets available in a range of styles and finishes
- Both FD30S and FD60S doorsets meet the security standards of PAS 24:2016 and Secured by Design
- Our FD30S and FD60S internal doorsets hold dual certification under BM TRADA Q-Mark Fire Door Manufacture and BM TRADA Q-Mark Enhanced Security
- Our flat entrance doorsets are smoke resistant and conform to the performance characteristics outlined by BS EN 1634-3: 2004

DATA TAGGING
The data tag, embedded into our Internal Flat Entrance doorsets during manufacture, ensures compliance with the Golden Thread.

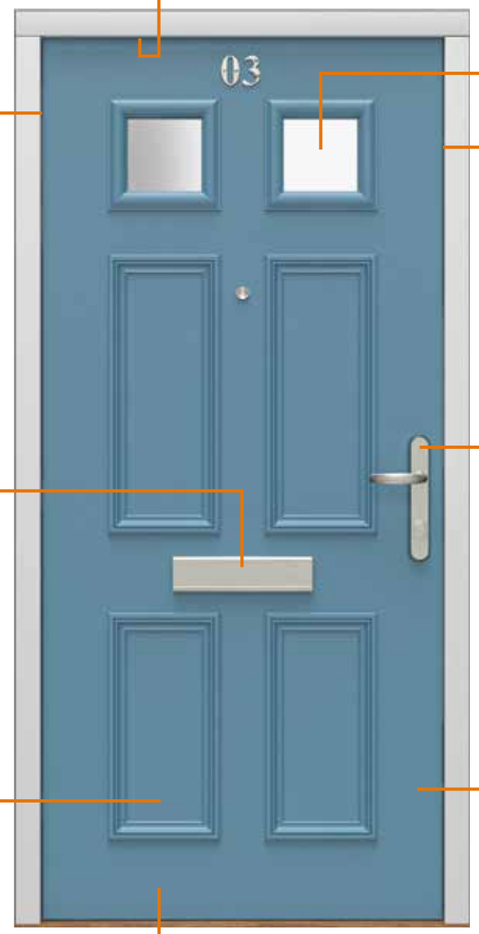
A **DOOR CLOSER** is required for all fire door applications. The closer ensures the door is always closed to maintain the fire integrity.

HINGES are CE marked, tested, and certified to EN1935. Door comes with two Grade 13 Stainless Steel Ball Bearing Butt Hinges and two No Dog Bolt Hinges. Our doorsets are prehung in their frames.

Our **TS008-PAS 24 LETTERPLATE** is designed to guard against common attack methods and 'fishing'.

Our FD30S and FD60S doorsets are certified by **SECURED BY DESIGN**. Membership to the SBD scheme was made possible because of our internal fire doorsets meeting the strict set of criteria set out in PAS 24 Enhanced Security Doors.

All our fire doorsets are supplied fully factory finished, fully glazed and pre-assembled for **EASE OF INSTALLATION**.



16EG Pyrobel multi-laminated **GLAZING** with an EW30/EW60 fire resistance available in a choice of clear or sandblasted.

Our innovative Secured by Design (PAS 24) **MULTI-POINT LOCKING SYSTEM** is designed to deliver optimum door performance, uncompromising quality, and the highest levels of security.

Secured by Design approved **TS007-PAS SECURITY HANDLE** is tested to EN1906 for Security and Corrosion, available in Polished Chrome or Brass, designed to provide complete confidence even in the most demanding settings.

All our doorsets are supplied **FULLY FINISHED** in a 4-stage paint process to ensure a quality finish. We offer a range of paint and stain finishes in both single and dual colour.

Applications

- FLATS LEADING TO COMMON AREAS
- HOMES OF MULTIPLE OCCUPANCY (HMOS)
- SHARED ACCOMMODATION

Fire Ratings

30 60

Fanlights & Sidelights

We offer a range of fully certified fanlights, sidelights and screens for our Internal Flat Entrance Doorsets.
See page **31** to find out more.

SENTRY DOORS
The secure choice for fire safety

External UKCA Flat Entrance Doorsets

We offer a complete range of bespoke, external FD30S flat entrance doors fully accredited to UKCA. Available in a range of flush and glazed styles, our external doorsets are supplied fully assembled and in a choice of finishes to suit your exacting project requirements.

The United Kingdom Conformity Assessment mark (UKCA) is a replacement of the CE mark used in the EU. We were the first fire door manufacturer to achieve UKCA accreditation to the new standard in January 2021. This commitment to compliance is why we lead to the way in fire door safety compliance.



Benefits

- UKCA Certified
- Bespoke doorsets available in a range of styles and finishes
- Primary tested to allow glazed variations and glazed and panel sidelight options
- Tested to withstand extreme weather conditions
- Doorsets supplied pre-hung and fully finished as standard

DATA TAGGING
The data tag, embedded into our External UKCA Flat Entrance doorsets during manufacture, ensures compliance with the Golden Thread.

A **DOOR CLOSER** is required for all fire door applications. The closer ensures the door is always closed to maintain the fire integrity.

HINGES are CE marked, tested, and certified to EN1935. Door comes with two Grade 13 Stainless Steel Ball Bearing Butt Hinges and two No Dog Bolt Hinges. Our doorsets are prehung in their frames.

All our fire doorsets are supplied fully factory finished, fully glazed and pre-assembled for **EASE OF INSTALLATION**.



Our **AUTO ENGAGE MULTIPOINT LOCKING SYSTEM** is designed to deliver optimum door performance and uncompromising quality.

LEVER HANDLE is tested to EN1906 for Security and Corrosion, available in Polished Chrome or Brass, designed to provide complete confidence even in the most demanding settings.

GLAZING is Double Glazed Unit (DGU) with an EW30 fire resistance available in a choice of clear or sandblasted.

All our doorsets are supplied **FULLY FINISHED** in a 4-stage paint process to ensure a quality finish. We offer a range of paint and stain finishes in both single and dual colour.

Applications

- EXTERNAL FACING FLATS
- FLATS LEADING TO COMMON AREAS
- HOMES OF MULTIPLE OCCUPANCY (HMOS)
- SHARED ACCOMMODATION

Fire Ratings

30

Sidelights

Our External UKCA Flat Entrance Doorsets are available with double-glazed and panel sidelights.
See page **31** to find out more.

SENTRY DOORS
The secure choice for fire safety

Internal Communal Doorsets

Internal Communal doors form part of a fire compartment within a building and are an important feature of a building's fire safety. Our FD30S and FD60S communal fire doors are available as both single and double doorsets and are subject to stringent independent testing for smoke and fire.

Our communal doorsets are also certified to the BM TRADA Q-Mark for Fire Door Manufacture, one of the most rigorous certification processes available.



Benefits

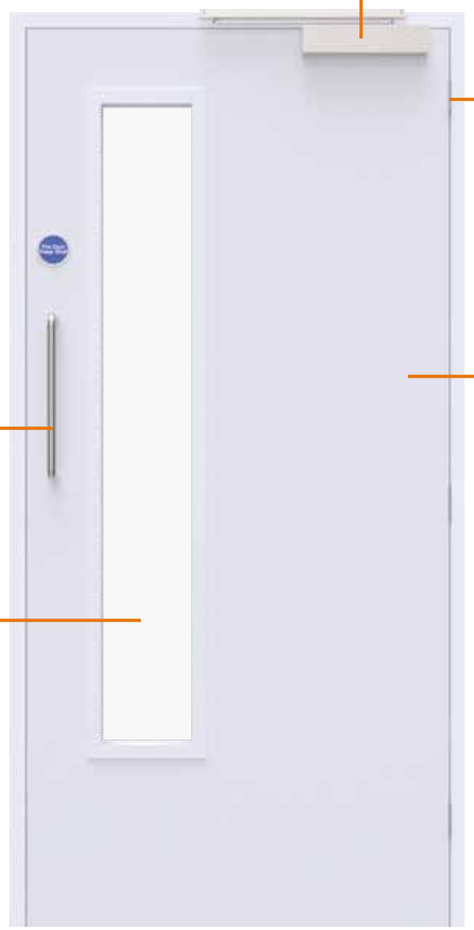
- Certified, bespoke doorsets available in a range of styles and finishes
- Certified to BM TRADA Fire Door Manufacture standards
- Supplied fully factory finished, fully glazed and pre-assembled for ease of installation
- Communal doors available in single leaf or double leaf

DATA TAGGING
The data tag, embedded into our Internal Communal doorsets during manufacture, ensures compliance with the Golden Thread.

Overhead **DOOR CLOSER** to maintain the doors fire integrity. Closer options include Dorma TS93 or TS92, or other that is EN1154 complaint.

We offer an array of **IRONMONGERY** and locks to suit most applications including the pull handle and lever handle on rose.

We offer a range of non-wired **GLAZING** options, ranging from 30-60-minute integrity and insulation.



CE marked, tested, and certified to EN1935 Grade 13 Stainless Steel Ball Bearing Butt **HINGES**. Single doorsets are pre-hung in their frames.

All doorsets are supplied **FULLY FINISHED** in a 4-stage paint process ensuring a quality finish, in either white or Light Oak Stain and paint finishes.

Applications

- LOBBIES
- STAIRWELLS
- CORRIDORS
- RISERS

Fire Ratings

30 60

Fanlights & Sidelights

We offer a range of fully certified fanlights, sidelights, and screens for our Internal Communal Doorsets.
See page **31** to find out more.

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Veneer Fire Doors

Having compliant fire doors that are in working order in care homes is essential for fire safety as it will slow down the spread of fire, allowing time for residents and staff to evacuate. All bedroom doors in care homes must have a minimum fire rating of 30 minutes (FD30) to allow residents and staff time to evacuate the premises.

Our care home fire doors form part of the building's passive fire protection system and play a crucial role in protecting lives and structures.



Benefits

- Doors are made using fire resistant timber controlled by ISO approved standards
- British craftsmanship using responsibly sourced materials
- Antibacterial protective coating available
- Pre-hung doorsets
- Accredited under IFC Certification and BM TRADA Q-Mark

A **DOOR CLOSER** is required for all fire door applications. The closer ensures the door is always closed to maintain the fire integrity.

VISION PANEL options are subject to fire rating and glass type. Doorsets can be provided in a range of designs, depending on the doorsets fire rating.

Locks on doors should be easily openable from the inside with a thumb-turn lock or similar and **LOCKING SYSTEMS** must be easily overridden from the outside.

Available in mdf, softwood, and hardwood depending on the doors fire rating. **FRAMES** are available in either a rebates section or loose stop with a range of frame sizes available on request.



All doorsets are prepared and fitted with **HINGES** and **PADS** as required. Doors and frames are also prepared for mortice locks, flush bolts, and operating hardware where required (may differ with FD120 doorsets).

Doorsets are supplied with **INTUMESCENT SEALS** incorporated into the perimeter of the door frame and meeting edges of double doors. Other option seals are available for acoustic or cold **SMOKE** performance requirements.

Applications

Our fire doors are suitable for all sectors and can be supplied in a collection of finishes suitable for a range of environments:

- COMMUNAL AREAS
- ROOM ENTRANCES
- CORRIDORS

Fire Ratings

30 60 90 120

Sidelights

Our range of Veneer Fire Doors are available with fire rated screens that are incorporated with fire rated glass. See page **31** to find out more.

KNOWLES
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Veneer Fire Doors and Screens

We produce a range of doorsets for our clients in the education sector. These can include anti-trap finger protection mechanisms, and door and frame edge protection.

Corridor doors within schools are usually located to break up long runs of hallway. Building regulations recommend any corridor over 30 metres in length should be separated by a set of fire doors.

Applications

- SCHOOLS
- COLLEGES
- UNIVERSITIES

Fire Rated Screens

We provide tested, certified and fire rated timber partitions and screen systems designed to meet the demands of applications such as schools and universities. Our screens incorporate fire rated glass, proven to provide a period of designated protection, dependent on the fire rating required.

Door Frames

All our door frames are bespoke, manufactured according to performance, application and the finish selected. All our frames are prepared and fitted with seals as required to meet performance ratings.
Our frames are available in single or double formats to suit door thicknesses of up to 60mm, depending on the fire and acoustic performance required. Frames are manufactured in mdf or softwood* (for painted finishes), or in a selection of hardwoods with lacquered finishes to co-ordinate with veneer and laminate finished door leaves.

*Softwood frames can only be supplied for FD30 fire doors and non-fire rated doors.



Benefits

- **Fire protection** – We manufacture fire rated doors suitable for the education sector that are certified for up to 2 hours of fire protection.
- **Durability** – All our timber doors are tested to withstand busy and complex environments like schools and universities.
- **Acoustic** – Our acoustic doors are fire rated as standard. We offer acoustic ratings ranging from 30dB to 45dB to meet high performance requirements.
- **Compliant** – Our specialist fire doors are accredited under third party certifications such as IFC Certification, BM TRADA Q-Mark Fire Schemes and Approved Document E.
- **Experienced craftsmanship** – Ours doors are made using quality responsibly sourced FSC® and PEFC approved timber and in-house British manufacturing to ensure exceptional standards are achieved.
- **Specification** – We have designed numerous functional products for our clients based in the education sector. These include anti-trap finger protection mechanisms and anti-bacterial coated doors.



TAKE A FACTORY TOUR
We love to welcome clients to our factory so you can see for yourself how we can offer flexible, quick deliveries, that cater to your project deadlines.

Fire Ratings

30 60 90 120

KNOWLES
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Healthcare Doors

Our healthcare doorsets have been engineered to meet the performance requirements detailed in the Approved Documents HTM and HBNs. Our Healthcare doorsets are available in a range of finishing options.

Healthcare doors are often referred to by the industry as leaf and a half doorsets. This refers to the structure of the door frame set. The larger leaf (main leaf) is used to control traffic flow of use, whereas the smaller leaf (slave leaf) is kept closed. When larger objects, like hospital beds, need access, both doors can be opened.



Image of Yeoman Shield protection.

Benefits

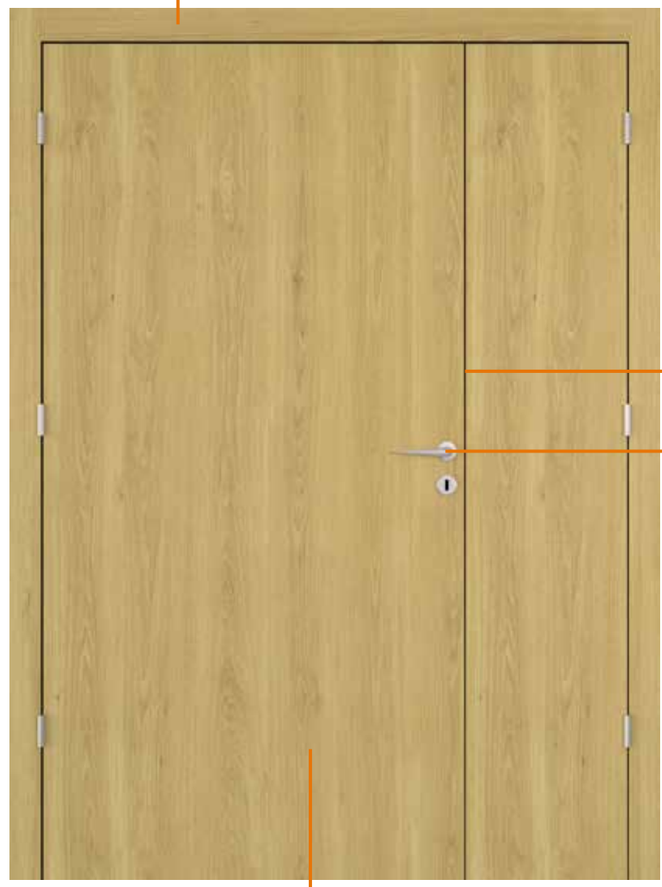
- Fully encapsulated doors and frames provide durability for high traffic areas
- Antibacterial finishes to help minimise the spread of infection and contamination
- Observation vision panels to vary the degree of visibility for privacy
- Double action doors with hold-open function for busy corridors

DID YOU KNOW?
Door edge protectors, face protection panels and PVCu clad glazing beads are fire rated, having been tested to the current standards.

The **DOOR FRAME** can be constructed from MDF, softwood for on-site finishing, or a choice of hardwoods for a stained or lacquered finish.

GLAZING apertures can be introduced to provide an aesthetically pleasing and functional solution for safety and visibility.

We offer both stock and bespoke **VISION PANEL** designs.



The door core is **LIPPED** with a range of hardwood lippings that are contrasting or sympathetic to the door face finish. Lippings can be supplied either exposed or concealed, providing aesthetic variations to suit any environment.

We offer a range of **HARDWARE** with our healthcare doorsets. Choose from a range of handles, locks, latches, hinges and closers, to complete your doorset.

OPTIONAL ADDITIONAL TREATMENTS: Door face panel protection; door, frame and architrave protection in PVC; PVCu clad glazing beads; Yeoman Shield's protection.

Applications

- DOCTORS' SURGERY
- PATIENT ROOM DOORS
- HOSPITALS
- PHARMACIES
- THEATRE ROOMS

Fire Ratings

30 60 90 120

Face & Edge Protection

Doors in busy environments like hospitals can take a heavy pounding from people and equipment. We offer a range of additional treatments which can keep our healthcare doors looking and operating accordingly, whilst still maintaining the fire door's integrity.

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Laminate and Veneer Fire Doors

We understand the importance of high-performance fire rated doors in demanding commercial and leisure facilities such as shops, restaurants, leisure centres, and spas.

Our laminate and veneer fire doors are ideally suited to commercial and leisure sectors. We offer a range of doors for high-traffic areas, offering high performance and durability for a range of environments.

Applications

- OFFICES
- BANKS
- SHOPS
- RESTAURANTS
- HOTELS
- LEISURE CENTRES'
- CINEMA
- SPAS













Benefits

- Sourced from carefully chosen veneer specialists, such as Formica and Polyrey, ensuring the highest quality finish.
- Fire protection up to 120 minutes
- Accredited under IFC Certification and BM TRADA Q-Mark
- Antibacterial protection available for laminate doors





Acoustic Rating

UP TO 45dB*

*Factors including the door cores and size, gaps of sound transmission and correct installation all impact on the acoustic performance the door can provide.

Fire Ratings

30 60 90 120

KNOWLES
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Acoustic Doors

Acoustic doorsets are designed to reduce vibrations and sounds that pass through them. These doors are available in different decibel ratings that cater to a range of applications.

Acoustic doorsets are manufactured to the dB rating suitable for areas where sound insulation/ privacy is required in accordance with the technical specifications for each project. Acoustic performance is measured in accordance with BS EN ISO 10140 and rated to BS EN ISO 717-1 as required by the Building Regulations Approved Document E.



Benefits

- Fire-rated protection available from FD30 or FD60 (glazed or unglazed)
- Supplied as doorsets complete with frames to ensure acoustic performance is met on-site
- All doors are bespoke and tailored to meet project specification
- Glazed apertures can be provided whilst retaining good acoustic performance

DID YOU KNOW?
Specialist seals at the door/frame perimeters and automatic bottom door seals are used in our acoustic door design.

DOOR CLOSERS are required for all fire doors. When selected as a complete doorset a closer is supplied which is suitable for the door size and weight in accordance with EN 1154.

FRAMES are available in mdf or softwood (depending on fire rating) or hardwood with lacquered finish.

ARCHITRAVES are available in mdf or softwood (for on-site painting) or a range of hardwoods with lacquered finish. A set of architraves is provided to match the frame size selected.

The purpose of an **ACOUSTIC SEAL** is to offer sound reduction. Acoustic tested in accordance with BS EN ISO 10140-2:2010.



VISION PANEL openings can be provided in a range of formats which have been certified for use on fire-rated acoustic doorsets.

All doorsets are prepared and fitted with **HINGES** and **PADS** as required. Doors and frames are also prepared.

Applications

An acoustic door controls the audio level of its chosen environment using its core properties. Our acoustic doorsets are designed to satisfy sound insulation requirements for a range of applications, including;

- PUBLIC BUILDINGS • HOTELS
- CINEMAS • OFFICES
- FACTORIES • HOSPITALS
- SCHOOLS/COLLEGES/UNIVERSITIES

Fire Ratings

30 60 90 120

Acoustic Rating

UP TO 45dB*

*Factors including the door cores and size, gaps of sound transmission and correct installation all impact on the acoustic performance the door can provide.

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PAS 24 Doors

PAS 24:2016 is an enhanced security standard designed to assess whether a door and frameset can withstand a series of measured manual and mechanical tests that will deter an intruder for a defined period.

Doors must endure measured manual and mechanical tests that simulate attacks that are most associated with burglary, including the tools that could be used.



Benefits

- British craftsmanship using responsibly sourced materials
- Independently tested to the recognised PAS 24:2016 standards
- Supplied as a doorset with secure ironmongery and frames
- FD30 fire rated doorset to BS476 Part 22 and BS EN 1634.
- FSC® approved material construction

Fire Rating

30

Non-Fire Rated Doors

We manufacture a range of internal door types and doorsets using both solid and hollow core construction.

Available in traditional or modern designs, all our non-fire rated doors use FSC® and PEFC approved materials with a variety of laminate, primed or veneer finishes available to suit all types of applications and sectors.



Benefits

- Flush doors with grooves or inlays, with a wide palette of colour and grain options
- Can be used as entrance doors or interior doors in office spaces
- All our standard doors are made from high-quality sustainably sourced timber
- Frames can be constructed from mdf or softwood
- Acoustic performance of up to 45dB with glazing apertures, 41dB without glazing

Steel Doors

We offer high quality bespoke steel doors that provide the best protection where you need it the most.

Our steel doors offer enhanced fire protection of up to 4 hours and are available with acoustic properties up to 29dB for non-fire rated doors.



Benefits

- Each door is built to order with a range of hardware, frame, and vision panel choices
- Independently tested to PAS 24 standards with the addition of Secured by Design (SBD) compliance.

SENTRY DOORS
The secure choice for fire safety

Hardware

We choose our suppliers carefully to ensure the utmost fire safety and security compliance. Every component that goes into the manufacture of a fire door is scrutinised in terms of performance, compliance, and durability.

The correct specification of ironmongery is critical to ensuring a fire door performs in a fire. All ironmongery is compliant with British Standards and where applicable is CE Marked and CERTIFIRE approved.





Quality Hardware

The correct functioning of the door relies on the accurate installation of quality, approved hardware. This is particularly critical with regards to fire doors, and we therefore recommend the supply of an integrated, pre-hung, fully prepared doorset.



Door Closer

Fire doors are legally required to be self-closing, making a door closer one of the key fire door components. Our door closers are available in both overhead or concealed designs, providing a compliant and stylish doorset that suits any environment. We offer a range of door closer options from our trusted suppliers, including the Dorma TS93 and Hoppe AR1500.



Locking Mechanism

Ensuring both fire safety and resident security are our top priorities. That is why our flat entrance doorsets come with high quality locking mechanisms as standard. We offer a range of locking systems, including the Yale YS170 Multipoint Lock and the Winkhaus AV2 Auto Engaging Lock, to ensure optimum door performance and the highest levels of resident security.



Door Handle

Door handles play an important role in maintaining a doors fire integrity. We offer a range of door handles from our suppliers, including the Hoppe Atlanta Lever Handle and the Yale TS007 Lever Handle.

SENTRY DOORS
The secure choice for fire safety

Door Styles

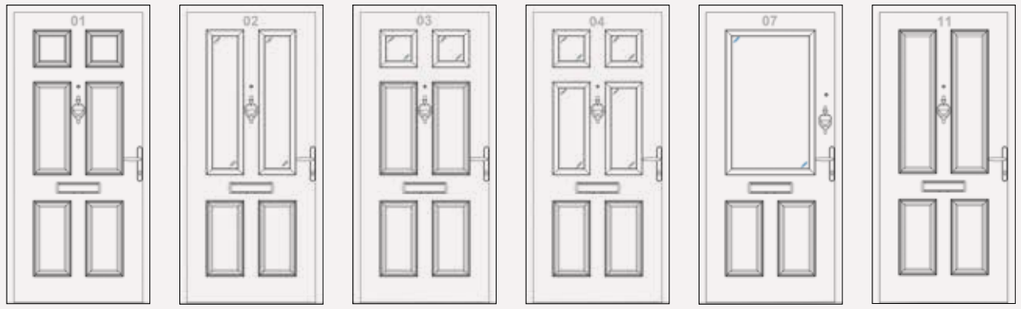
DID YOU KNOW?
We offer a range of bespoke sizes in a variety of styles and finishes to suit the most exacting project requirements and structural openings. We work with our customers to determine the most suitable specification.

Our doorsets are available in a range of styles depending on the type of door and our customers' project requirements.

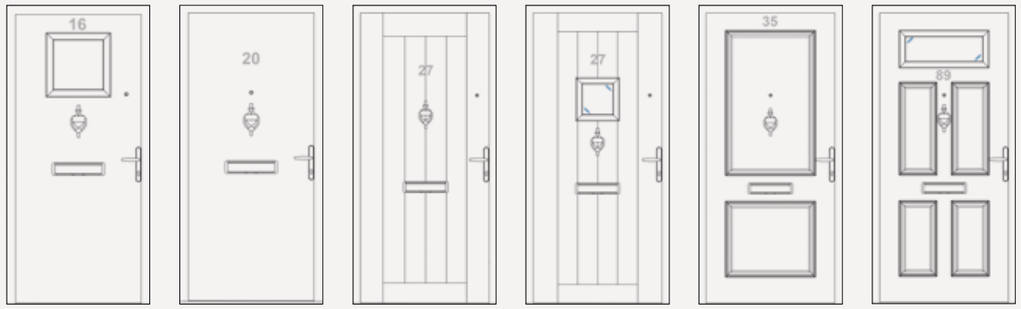
Our Flat Entrance and Communal doorsets are available in both FD30S and FD60S.
Our doors can be supplied factory assembled and fitted with your choice of ironmongery.

Internal and External* Flat Entrance Doorsets

*External UKCA flat entrance doorsets are available in FD30S only



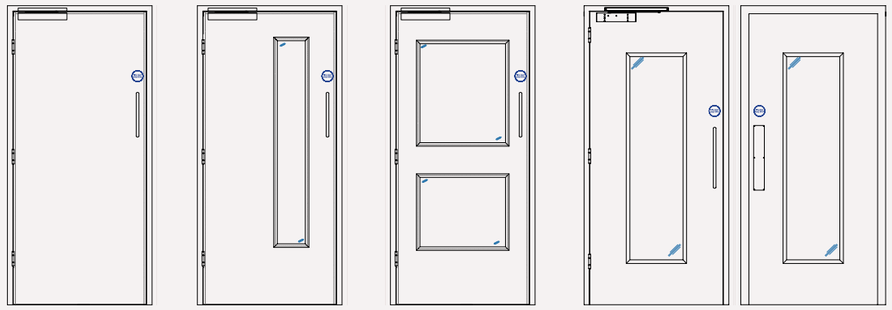
FED01/EX01 FED02/EX02 FED03/EX03 FED04/EX04 FED07/EX07 FED11/EX11



FED16/EX16 FED20/EX20 FED27/EX27 FED27G/EX27G FED35/EX35 FED89/EX89

Internal Communal Doorsets

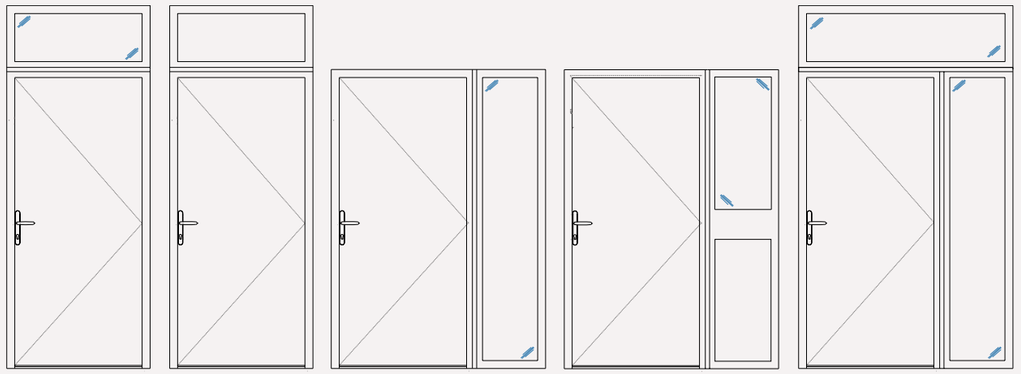
Available in single leaf and double leaf configurations (*SC01 is also available as a Riser Cupboard or Bin Store)



SC01*/SC01 DD SC02/SC02 DD SC03/SC03 DD SC04/SC04 DD

Fanlights and Sidelights

We offer a range of fanlight and sidelight configurations, with panel and glazing options available to suit your project requirements.



Glazed Fanlight Panel Fanlight Glazed Sidelight Glazed and Panel Sidelight Glazed Fanlight and Sidelight

KNOWLES
Part of SENTRY DOORS

Door Styles

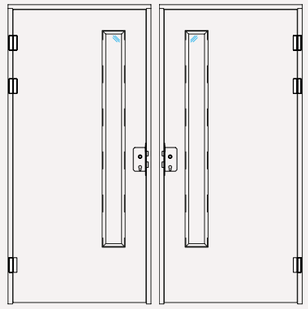
DID YOU KNOW?
We offer a range of screen configurations for our Knowles Range of doors. Speak to a member of our team for more information.

Fire doors, NFR doors, Acoustic, PAS 24 & Hospital doors

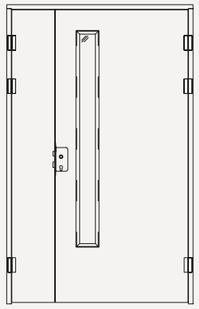
Our doorsets are available in a range of styles to cater to a variety of project requirements.

Our range of Internal doors are available in FD30, FD60, FD90 and FD120 configurations.
Our doorsets are available in single, double and hospital leaf configurations.

Type 1*

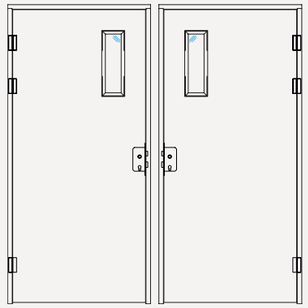


Single/Double

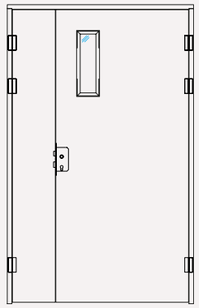


Leaf + Half

Type 2

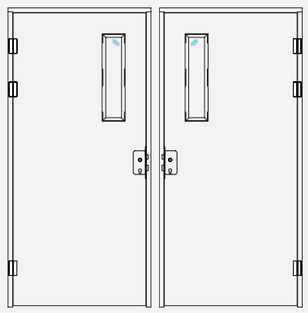


Single/Double

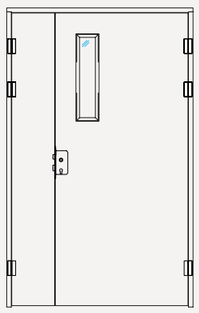


Leaf + Half

Type 3

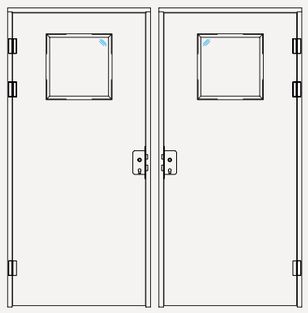


Single/Double

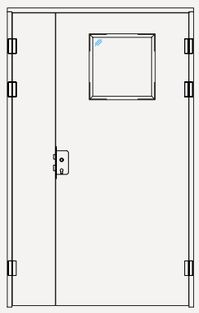


Leaf + Half

Type 4

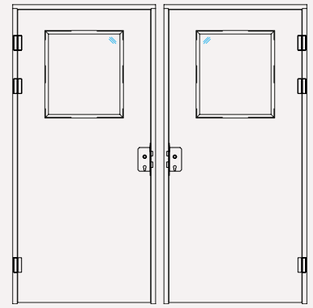


Single/Double

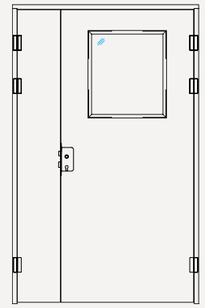


Leaf + Half

Type 5

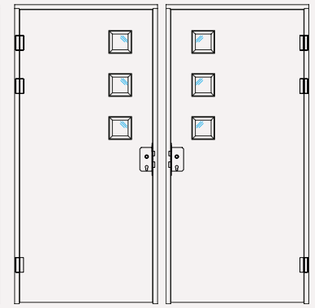


Single/Double

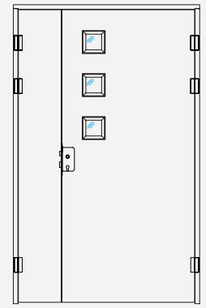


Leaf + Half

Type 6

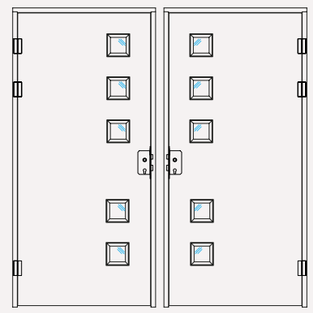


Single/Double

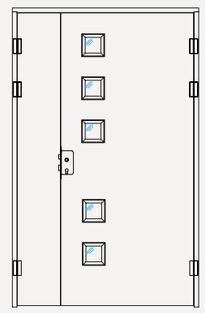


Leaf + Half

Type 7*

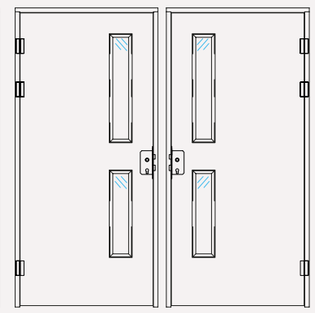


Single/Double

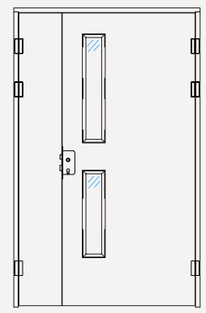


Leaf + Half

Type 8*



Single/Double



Leaf + Half

*types shown are suitable for Building Regulations Part M compliance.

SENTRY DOORS
The secure choice for fire safety

Door Finishes

Our doorsets come in a range of finishing options including paint grade, veneer and laminate, providing a range of bespoke style options that suit the most exacting project requirements.



Paint Finishes

We offer a selection of resident door colour choices for our internal flat entrance, external UKCA flat entrance, and internal communal doorsets that cater to any environment. All doors are supplied fully finished in a 4-stage paint process to ensure a quality finish.

Red RAL 3004	**Green** RAL 6005	**Black** RAL 9011	**Turret Grey** 8W/6266	**Pastel Grey** RAL 7024	**Pastel Blue** RAL 5024
Cream RAL 9001	**Pastel Green** RAL 6019	**Brown** RAL 8016	**Blue** BS20C40	**White** 8W3/000	

Dual colour options available for our paint grade doorsets.

Stain Finishes

We offer a range of wood stains, available in matte, satin, and gloss finishes, to help enhance veneer door finishes, without distorting its natural qualities. Along with a degree of protection from the elements, stains can transform the appearance of a veneer, giving it a more contemporary look.

Cloud Stain	**Latte Stain**	**Truffle Stain**	**Bleached Oak Stain**	**Ash Stain**	**Autumn Stain**
Calore Stain	**Beaujolais Stain**	**Conker Stain**	**Beach Nut Stain**	**Bolgna Stain**	**Light Oak Stain**

SENTRY DOORS
The secure choice for fire safety

Laminate Finishes

High pressure laminates are available in a wide range of timber effect, stone effect, metal effect, patterned or plain colours. All our laminate faced doors have solid timber lippings. Our coloured laminates are available in most BS, RAL, NCS and Dulux Colour Dimensions.


Chene Clair Laminate


Chene De Fil Brun Laminate


Chene De Guerande Laminate


Chene Du Quercy Laminate


Chene Murano Laminate


Chene Vendome Laminate


Coeur De Pommier Laminate

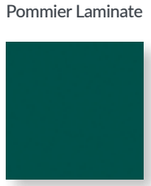

Ebene Laminate


Hetre Bergen Laminate


Noyer Tropical Laminate


Oliver Fonce Laminate


Pin Argent Laminate


Amazon Green Laminate


Antique White Laminate

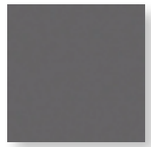

Brilliant Yellow Laminate


Chilli Red Laminate


China Blue Laminate


Delft Blue Laminate


Dusty Jade Laminate


Storm Laminate Laminate


Fog Laminate


Fuchsia Pink Laminate


Jade Arplus Laminate


Lime Laminate

Veneer Finishes

We offer a range of standard timber veneer species. All our veneers are FSC® certified ensuring the highest quality materials, that are responsibly sourced. Our veneer doors can be supplied with 2 coats of clear U/V lacquer base coat and 1 topcoat of clear anti-bacterial U/V lacquer.


Ash Venner


Maple Veneer


Koto Veneer


Sapele Veneer


American Black Walnut Veneer


American White Oak Veneer

*Koto and Sapele veneers available in quarter cut as standard

UK Manufacturing

Both of our state-of-the-art facilities, based in Doncaster and Birmingham, totalling just over 100,000 sq. ft in size, are purpose built to allow us complete control over quality manufacturing.

We continue to invest in our production capabilities to increase productivity and efficiency, whilst maintaining our reputation for quality, compliance, and service. With a combined wealth of experience of over 130 years, we are dedicated to providing quality manufacturing techniques, that are solidified by our Made in Britain membership.

TAKE A FACTORY TOUR

We welcome our customers to visit our factories to see for themselves why we are the supplier of choice for their timber fire and security door needs.





TAKE A VIRTUAL TOUR

Can't make it in person? Why not take a virtual factory tour and take a look round our extensive facilities.















Sustainability

We remain committed to ethical practices and this sustainable approach guides everything we do from product design to selecting our supply chain.

We take a proactive approach and work as a collective to continually minimise our carbon footprint which includes minimising waste whilst maximising recyclability. It is our goal to remain socially and environmentally responsible while manufacturing and completing projects that will have an impact on local and global scales.

WASTE MANAGEMENT

We regularly share and monitor our waste analytics with staff to help them make the most appropriate improvements.

DESIGN & LIFESPAN

Our products are designed to provide long service, using resources which are recyclable, sustainable and environmentally friendly.

ENERGY USAGE

We constantly monitor our energy usage as part of our carbon footprint as our Key Performance Indicator.

TRUSTED SUPPLIERS

We select suppliers who share our environmental pledges and we work with them to improve our combined carbon footprint.

Our environmental policy is backed by proven certifications that guarantee the sustainability of the raw materials we use in our manufacturing process.

FSC® certifies that products originated from forests are managed according to internationally agreed social and environmental principles and criteria. The trees that originate from these forests are always replaced or allowed to grow back naturally once harvested. FSC® tracks its wood once it leaves the forest to ensure they know it is being sold by FSC® accredited organisations. These efforts are to ensure that future generations can enjoy the world's forests for many years to come.

ISO 14001:2015 is an internationally agreed and recognised standard for Environmental Management Systems. An EMS supports organisations in identifying, managing, monitoring, and controlling environmental processes. The standard requires organisations to assess environmental issues relevant to their operations, such as waste management, resource use, and efficiency.

Quality Assurance

Achieving ISO 9001:2015 certification demonstrates our commitment to quality standards.

The implementation of this highly effective qualify management system allows us to maintain high quality at all stages of our processes. This is reflected in our ability to consistently deliver fire doors that meet customer and regulatory demand. Getting the right door at the right time, that meets your schedule and is delivered in a timely and promptly manner, is essential. With a combined manufacturing experience of over 130 years, we have the expertise to consistently meet high levels of quality and service, whilst being flexible to your needs and meeting growing demands.

SUPPLY CHAIN

We select our supply chain carefully to ensure they share the same quality, compliance, and sustainability standards as we do.

MACHINERY

Scheduled maintenance in place for our factory equipment and machinery to ensure they perform at the highest standards.

PRODUCTION

We carry out thorough quality checks through each stage of the manufacturing process.

FEEDBACK

We welcome customer feedback and take onboard your recommendations to ensure our processes remain efficient.

LRQA CERTIFIED ISO 9001-2015

UKAS MANAGEMENT SYSTEMS 0001

A service you can trust

When you work with Sentry Doors it won't be long before you realise that there are certain qualities inherent in everything we do.

At Sentry Doors, we are committed to offering a first-class service to our customers. To assist you and your project requirements, you will work with a dedicated account manager and benefit from comprehensive support, from your initial enquiry through to project completion and beyond. Customer support is available at any time, as well as technical and compliance advice from our specialist teams.

RIGHT ON TIME

We understand that our customers can have strict project deadlines, meaning it is vital that you receive the right products, at the right time, without any issues or delays. That's why we work with you to ensure fast, flexible deliveries, removing any logistical headaches. We are here to make sure you and your end customers experience a seamless and reliable service.



A complete, end-to-end service

- We build your specification in line with your project requirements.
- We produce detailed and accurate quotations and return them to you within 48 hours of your enquiry.
- We carry out thorough quality checks to ensure your doorsets are right first time.
- We offer quick and reliable deliveries to help minimise costs and remove headaches.
- We communicate with you at all stages to ensure a seamless experience.
- Our customer service team is on hand to help with after-sales care.



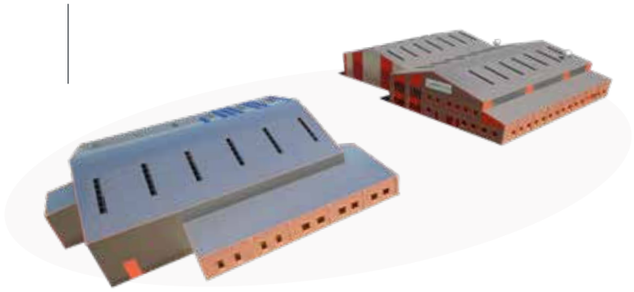
Are you looking for fully certified fire doorsets for your next project?

We are the trusted supplier of choice with over 130 years experience in supplying compliant fire doorsets. Our long standing customers range from major contractors to the UK's largest housing associations. We are looking for exclusive partners to build lasting relationships. Contact us today to discuss your next project.

DONCASTER

40,000 sq. ft

Brooklands Rd,
Adwick le Street,
Doncaster DN6 7BA



Social Housing

t: 01302 337 473
e: enquiries@sentrydoors.co.uk

BIRMINGHAM

60,000 sq. ft

Moor Lane Industrial Estate
Perrywell Road, Witton
Birmingham B6 7AT



Care Home, Education, Healthcare, Commercial, Leisure, Specialist.

t: 0121 356 7046
e: sales@knowlesdoors.co.uk

FSC
www.fsc.org
FSC® A000521
The mark of responsible forestry

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enquiries@sentrydoors.co.uk
www.sentrydoors.co.uk

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