MEESONS

RANGE BROCHURE

Fire & Security Doors

Designed and fabricated by expert manufacturers, our selection of Fire and Security Doors are more than just an entrance solution. They symbolise enduring strength, effortless access control and reliable emergency egress. Our range includes thermal, bulletproof and fire resistant doors, each having passed rigorous testing, in certified laboratories, to guarantee exceptional quality and safety.

Why choose Meesons?

Since 1880, we have delivered entrance and access security solutions for forward-looking organisations seeking a building entrance solution adapted to their day-to-day operations. Today, we provide superior operational effectiveness, better, simpler customer experiences, and the ability to scale easily. We work with every customer to create an entrance control solution that meets their organisations' requirements.

Now, with a long-established nationwide and international presence, we are proud to be trusted by many prestigious companies for our market-leading solutions installed in iconic buildings and locations.

What we do

Identify how best to protect your space, people and assets.

The company endorses a layered security approach and collaborates with outstanding manufacturing partners to provide physical security for various settings. Business managers work with architects and security consultants to ensure the right balance between aesthetics and protection for clients.

Improve end-user experiences by unifying physical security with data.

Establishing lasting relationships with clients allows for a deeper understanding of their needs, including product usability, access control integration, and management software connectivity. Combining technology and physical security can enhance the functionality of smart buildings.

Modernise your access security faster, with greater confidence.

The focus on empowering change within physical security has led to product innovation, including the largest number of LPS 1175: Issue 8 approved products and the world's only high-security revolving door approved to LPS 1175: Issue 8.

Service

Meesons is dedicated to ensuring the longevity of your investments, which is why all of our Fire & Security Doors automatically come with a 10-year warranty. We recommend an aftercare service plan that includes regular inspections, maintenance, and repairs to keep your system running smoothly, safely, and efficiently.

One plan. Made simple

Our knowledge of environmental factors, usage, wear and tear and the impact on entrance performance emphasizes the importance of maintenance and protection. While our products are designed to endure the test of time, we acknowledge the necessity of regular servicing and upkeep to ensure uninterrupted use.

We offer one simple Service Plan, which is customisable. With bolt-on features, you can create a plan to suit your business needs.

Contents

Overview
Pages 03 - 06

Why choose a Steel Door?

Ideal for
Business benefits
User benefits
Take it from the customer

Products
Pages 06 - 12

Isoplus
Pyroplus
Phoniplus
Nexus
Blocus
Vitroplus
Transfoplus
Slideplus

Specification
Pages 13 - 14

Comparison Specification

Why choose a Fire & Security Door?

Meeson's Fire and Security doors are a fortress you can trust, doubling down on safety with fire and acoustic ratings. They are customisable to fit a building's unique style with the entire RAL colour palette. Rigorously tested, these doors stand strong under pressure and come with a solid 10-year warranty. Offering the utmost durability with their anti-corrosion resistance, our Fire and Security Doors can guarantee lasting performance, even in extreme conditions.

This range of Fire and Security Doors is crafted and certified to meet the highest European standards, for your peace of mind. The wide selection includes insulated, fire resistant, acoustic, anti-vandal, anti-burglary, and steel glazed doors.

Ideal for...

Your considerations

Our range of fire and security doors offers unparalleled protection for some of the most vulnerable buildings. Engineered with anti-corrosion resistance, these doors are designed to endure the harshest conditions without compromising on aesthetic appeal. Compliant with EN 1935 standards, they are equipped with hinges that provide maximum resistance and a robust door leaf, ensuring exceptional longevity. Complete with bespoke seals our Fire and Security doors can accommodate a variety of different areas and situations to ensure complete and maximum protection.

Benefits to your business

- Hinges with maximum resistance
- 10 year warranty
- C5 Anti-corrosion resistance for longevity
- Completely customisable to your building
- Robust leaf of up to 2mm thick steel sheet
- Choice of fire, insulation, security and acoustic ratings

Fine-tuned to your needs

Our Fire and Security door range offers customisable solutions to meet your security and aesthetic needs. Completely customisable, the level of protection offered doesn't compromise on the bespoke designs available. Helping a business overcome a wide variety of risks, we can help you find the door that combats a building's individual threats,

Benefits to users

- Fast and secure access
- Ability to limit external sound
- Provides protection against fire
- Aesthetically pleasing
- Adds a feeling of safety
- Helps to control the building's internal climate

“We’ve had an excellent experience of working with Meesons and would not hesitate to work with them on future projects where we need a responsive and quality provider of secure access solutions.”

Nick Pyman
Property Manager

Insulating Door

Isoplus

Isoplus insulated metal doors are your all-season, all-purpose solution. These doors are suitable for any building, be it a bustling public area, an industrial complex, a professional office building, or a residential development. Offering superior thermal and acoustic insulation, these doors easily resist harsh weather conditions.

Key Features

TECHNICAL DETAILS
Dimensions - Single Door 1350mm x 3100mm
Dimensions - Double Door 2750mm x 3100mm
Thermal Performance Up to 1.2W/m2K
Acoustic Rating Up to 41 dB
Anti-Burglary Rating Up to RC2
Air, Water, Wind Performance A4-E4B-VC4

Fire Door

Pyroplus

The Pyroplus is a steel fire door offering fire resistance up to EI120, in accordance with EN 1634-1. Coupled with certified security ratings to RC3, the Pyroplus range also benefits from C5 corrosion protection rating. With thermal ratings up to 1.3 W/m²K and acoustic ratings to 51dB, the Pyroplus is your total solution fire door.

Key Features

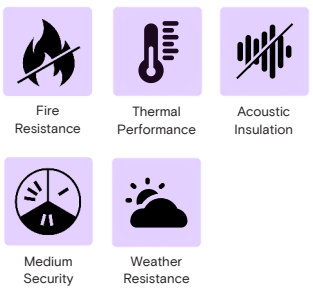
PERFORMANCE
Dimensions - Single Door 3100mm x 1350mm
Dimensions - Double Door 3100mm x 2750mm
Fire Resistance EI30 - EI60 - EI120
Thermal Performance Up to 1.3 W/m². K
Acoustic Rating Up to 52 dB
Anti-Burglary Rating RC2-RC3
Smoke Tightness Rating Sa and S200
Air Tightness Rating 2400 Pascals to 3000 Pascals

Acoustic Performance Door

Phoniplus

The Phoniplus acoustic door assembly features soundproof doors with a closed profile tube frame, thick sheet metal leaf, and steel hinges with stainless steel ball bearings. The Phoniplus range come with a narrow 12mm threshold bar and can be provided with an automatic baseboard system for easy access.

Key Features



PERFORMANCE

Dimensions - Single Door
2900mm x 1350mm

Dimensions - Double Door
3100mm x 2750mm

Thermal Performance
1.6 to 1.5 W/m². K - 1.4 to 1.3 W/m². K

Fire Resistance
EI60 available

Acoustic Rating
40 dB to 62 dB

Anti-Burglary Rating
RC2

Burglary Resistant Door

Blocus

The Blocus security door embodies a design that leaves no room for vulnerabilities. It offers robust protection for high-risk areas against manual and armed threats. Fabricated from steel, the gold-standard material for combatting forced attack, this fortress-like door structure comprises of a dense, double-sheet metal leaf (2 mm) and an unyielding tube frame.

Key Features

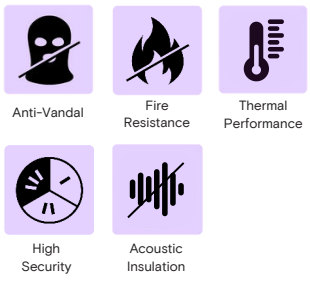
PERFORMANCE
Dimensions - Single Door 1350mm x 2900mm
Dimensions - Double Door 2750mm x 2900mm
Thermal Performance 1.6 to 1.5 W/m². K - 1.4 to 1.3 W/m². K
Fire Resistance EI30 EI60 available
Acoustic Rating 38 dB to 43 dB
Anti-Burglary Rating RC2 RC3 RC4, RC4 A2P
Bullet Resistance Rating FB4, FSG

High Security Door

Nexus

Combatting the most demanding specifications, the Nexus high-security door has been designed to be attack resistant against both manual and power tools. The Nexus range has been certified in single and double leaf configurations. Each component of Nexus range is certified to FB7 bullet resistance and can be classified for up to 120 minutes resistance to fire, providing people time to evacuate in case of an emergency.

Key Features



PERFORMANCE

Dimensions - Single Door
Bespoke to project

Dimensions - Double Door
Bespoke to project

Thermal Performance
1.6 to 1.5 W/m². K - 1.4 to 1.3 W/m². K

Fire Resistance
EI30² EI60² EI120² available

Acoustic Rating
38 dB to 43 dB

Anti-Burglary Rating
RC3 RC4 RC5 RC6

Bullet Resistance Rating
FB3/4 FB5/6/7 FSG

Door Leaf Options
1 or 2 door leaf

Glazed Steel Door

Vitroplus

With its minimal framing, the Vitroplus Steel Glazed Door range, ensures maximum natural light ingress to fill any room. Coupled with its aesthetic design, these doors can be fitted to any building. With options including: fire resistance, acoustic, burglar resistance and bullet resistance, these doors can accommodate any environment with no change to its overall appearance.

Key Features

PERFORMANCE
Dimensions - Single Door 1400mm x 3000mm
Dimensions - Double Door 3000mm x 3000mm
Thermal Performance 1,5W/m².K
Fire Resistance EI30 EI60 available
Acoustic Rating upto 43dB
Anti-Burglary Rating **RC**2 RC3 RC4
Bullet Resistance Rating FB3 FB4 FB5 FB6
Door Leaf Options 1 or 2 door leaf

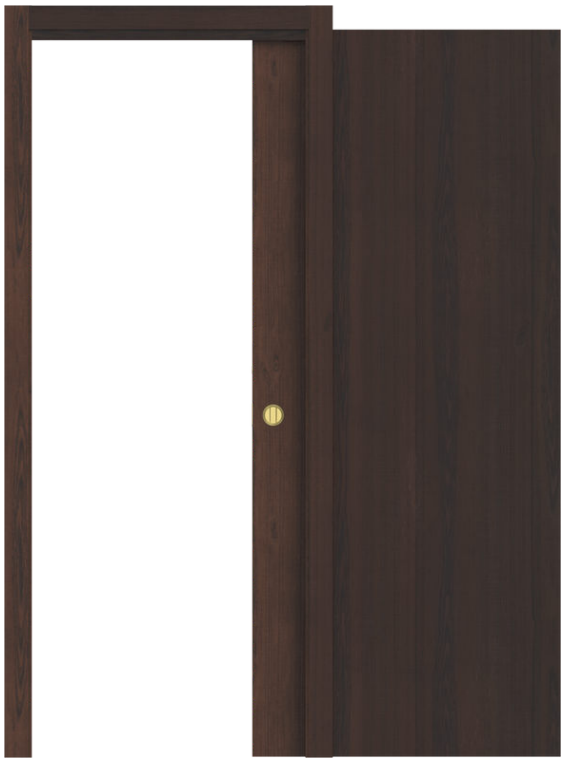
Ventilated Steel Door

Transfoplus

Offering both low and high ventilation options, the Transfoplus is designed to maintain a comfortable interior atmosphere. With C5 corrosion treatment, its built to last and stand strong on any building's façade. On top of this, it can be tailored to your specific dimensions and finishes to perfectly complement a building.

Key Features

PERFORMANCE
Dimensions - Single Door Bespoke to project
Dimensions - Double Door Bespoke to project
Thermal Performance Up to 1,7W/m².K
Fire Resistance EI² 60 minutes according to EN 1634-1
Acoustic Rating Up to 52dB
Anti-Burglary Rating RC2 RC3
Door Leaf Options 1 or 2 door leaf



Sliding Fire Door

Slideplus

Suitable for logistic bases, covered car parks, industrial sites, and large-scale retail outlets, the Slideplus is a versatile sliding fire door. For utmost safety the Slideplus can be linked to the fire detection system, to automatically close the door in the event of a fire being detected.

Key Features

PERFORMANCE
Dimensions - Single Door Up to 10 m x 7 m
Dimensions - Double Door 000mm x 000mm 000mm
Thermal Performance 1,5W/m².K
Fire Resistance EI60 EI120 available
Acoustic Rating upto 43dB
Anti-Burglary Rating **RC**2 RC3 RC4
Bullet Resistance Rating FB3 FB4 FB5 FB6
Door Leaf Options 1 or 2 door leaf

Technical Specifications

● Standard Feature
○ Option
× Not Available

	Isoplus	Pyroplus	Phoniplus	Blocus	Nexus	Vitroplus	Transfoplus	Slideplus
FIRE PERFORMANCE								
Thermal Performance	upto 1,2W/m².K	upto 1,3W/m².K	upto 1,3W/m².K	upto 1,5W/m².K	upto 1.9 W/m²K	upto 1,5W/m².K	Up to 1,7W/m².K	
Fire Performance	×	●	○	○	○	○	○	○
EI30 EI60 EI120	- - -	EI30 EI60 EI120	- EI60 -	EI30 EI60 -	EI30 EI60 EI120	EI30 EI60 EI120	- EI² 60 -	- EI60 EI120
Smoke Tightness	×	●	×	×			×	×
Sa S200	- -	Sa S200	- -	- -	- -	- -	- -	- -
Air Tightness	×	●						
ATTACK RESISTANCE								
Burglary Resistance	○	○	○	●	●	○	○	×
RC2 RC3 RC4 RC5 RC6 A2P	RC2 - - - - -	RC2 RC3 - - - A2P	RC2 - - - - -	RC2 RC3 RC4 - - A2P	RC2 RC3 RC4 RC5 RC6 -	RC2 RC3 RC4 - - -	RC2 RC3 - - - -	- - - - - -
Bullet Resistance	×	×	×	○	○	○	×	×
FB3 FB4 FB5 FB6 FB7 FSG	- - - - - -	- - - - - -	- - - - - -	FB3 FB4 - - - -	FB3 FB4 FB5 FB6 FB7 FSG	FB3 FB4 FB5 FB6 - -	- - - - - -	- - - - - -
Explosion Resistance	×	×	×	×	●	×	×	×
Ram Resistance	×	×	×	×	●	×	×	×
COMFORT PERFORMANCE								
Air, Water, Wind Performance	A4 - E4B - VC4	○	○	○	○	A4 - E5A - VC4	×	
Acoustic Performance	upto 41dB	upto 52dB	upto 62dB	upto 44dB	upto 45dB	upto 43dB	upto 52dB	

PROUD MANUFACTURING PARTNERS

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