




STRONGDOR



Fire*dor*[®]

FIRE-RATED STEEL DOORS





Firedor

- CE MARKED TO EN 16034:2014 AND BS EN 14351-1:2006+A2:2016 STANDARDS *
- EMERGENCY EXIT AND PERSONNEL STEEL DOORS

SUITABLE FOR INTERNAL AND EXTERNAL USE



THERMALLY RATED DOORS

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Firedor[®] Information

Quality, Bespoke Fire-Rated Steel Doors

If the worst happens and fire breaks out, then seconds can make a huge difference. Independently tested and certified, Firedor has all the versatility and durability that you would expect from a Strongdor steel door, plus an impressive 2-hour fire test rating.



FAST LEAD TIMES

Strongdor has you covered

LOUVRE PANELS

Up to 1524mm high

SECURITY

Available as PAS 24 & LPS 1175 SR2

VISION PANELS

Fire-rated up to 120 minutes

| | Single Door | Double Door |
|---------------|-------------------------------------|--------------------------------------|
| Width | Up to 1200mm | Up to 2300mm |
| Height | Up to 2760mm | Up to 2760mm |
| Max Leaf Area | 2.56 m2 per leaf | 2.68 m2 per leaf |
| Integrity | E120 | E120 |
| Radiations | EW90 (Up to W: 965mm x H:2040mm) | EW30 (Up to W: 1060mm x H:2437mm) |



* Please note only external fire doors are CE marked.



Leaf
44mm door leaf thickness incorporating an integrated astragal for added security. Comprising of 1.2mm 'Rustec' steel sheets, the leaf skins are mechanically interlocked and internally bonded, providing greater stability and protection against de-lamination.

Frame
Adjust 2-Fit side expander system that offers up to 12mm expansion to the structural opening.

Thresholds
All thresholds are Part M compliant, with AM3 and AM5 weather thresholds and double ramped industrial plate available upon request. Firedors can be supplied with or without a threshold.

Acoustic Rating
Upgrade for up to 36dB acoustic rating.

Finish
Available with a plain leaf style or traditional tongue and groove to enhance the appearance of the door and help it to blend into its surroundings as a residential style door-set.

- E120 INTEGRITY
- AVAILABLE WITH ELECTRIC LOCKING
- AVAILABLE WITH PAS 24:2022 SECURITY RATING

Glazed Vision Panels

Vision panels are produced in various panel formats and sizes, fire-rated for up to 120 minutes.

Louvre Panels

Designed to increase airflow in areas that need efficient ventilation, louvre panels offer a flexible solution without compromising security or structural integrity. Strongdor offers PAS 24 fire-rated louvres up to 508 X 1524mm.

Top and Side Panels

Extend your door using made-to-measure solid or glazed top and side panels. All powder coated to perfectly match your door.

| | Glazed Top Lights | Glazed Side Lights | Solid Top Panels | Solid Side Panels |
|--------|-------------------|--------------------|------------------|-------------------|
| Width | Up to 2581mm | Up to 790mm | Up to 2887mm | Up to 815mm |
| Height | Up to 695mm | Up to 2090mm | Up to 701mm | Up to 2298mm |

Striking Hardware Options

Dormakaba EM7500-D shear maglocks offer a secure access control solution on fire-rated doors.

Assa Abloy EL560 / EL532 locks offer high security, fire-rated, access control and locking solutions.

A durable and affordable range of Briton panic hardware and mortice latch locks.

Mico Modula Panic Hardware with electromechanical, auto or manual deadlocking options



Firedor Thermal

Leaf
44mm door leaf thickness incorporating an integrated astragal for added security. Comprising of 1.2mm 'Rustec' steel sheets, the leaf skins are mechanically interlocked and internally bonded, providing greater stability and protection against de-lamination.

Frame
Adjust 2-Fit side expander system that offers up to 12mm expansion to the structural opening.

Threshold
Three options of Part M compliant thresholds are available:
- Stormguard 96mm industrial threshold
- Stormguard AM3 and AM5 for weather-rated doors.

Hardware
Available with a range of panic exit locks, emergency exit locks or personnel locks.
Access control option is also available.

Acoustic Rating
Upgrade for up to 40dB acoustic rating.

Finish
Available with a plain leaf style or traditional tongue and groove to enhance the appearance of the door and help it to blend into its surroundings as a residential style door-set.

UK
CA

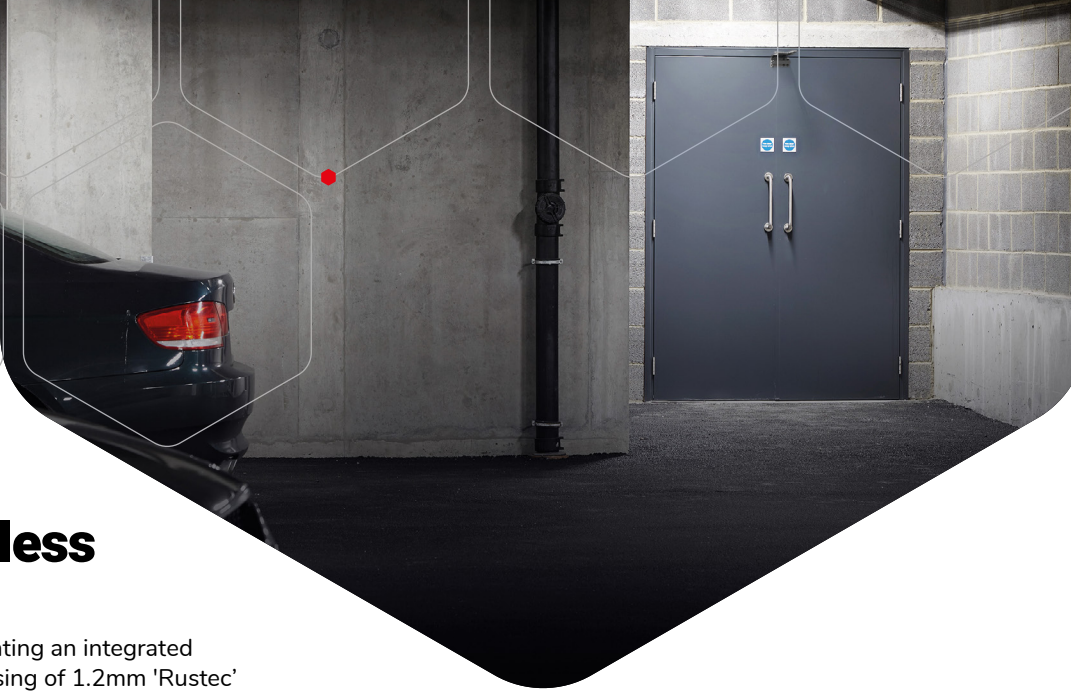
CE

- IMPRESSIVELY LOW 1.5 W/M2K
- AVAILABLE WITH PAS 24:2022 SECURITY RATING

| 44mm Door Leaf Thickness | U-value as low as |
|--------------------------|-------------------|
| Single Door | 1.6 W/m²K |
| Double Door | 1.5 W/m²K |

| | Single Door | Double Door |
|---------------|-------------------|------------------|
| Width | Up to 1266mm | Up to 2300mm |
| Height | Up to 2762mm | Up to 2762mm |
| Max Leaf Area | 2.584 m2 per leaf | 2.67 m2 per leaf |
| Integrity | E60 | E45 |
| Insulation | Elz20 | Elz20 |

*Depending on specification, some thermally-rated fire doors are rated from both sides and some are only rated when fire is opposite the hinge side. Please check with our team of steel door experts from more information.



Firedor Latchless

Leaf
44mm door leaf thickness incorporating an integrated astragal for added security. Comprising of 1.2mm 'Rustec' steel sheets, the leaf skins are mechanically interlocked and internally bonded, providing greater stability and protection against de-lamination.

Frame
Adjust 2-Fit side expander system that offers up to 12mm expansion to the structural opening.

Threshold
Industrial Door Threshold - 96mm. AM3 and AM5 versions available for inward and outward opening doors respectively for when extra weatherproofing is required. Alternatively, no threshold can be fitted. For riser applications a 4 sided frame can be fitted.

Hardware
Available with pull handles, push plates, signage, kick plates and TS83 or TS93 Dorma closers.

Electric Locking
Access control options available include the Trimec V-Lock or Dorma EM7500-D shearlock fitted to the upper or lower half of the door leaf. These are fire-rated up to E60/EW30.

Finish
Available with a plain leaf style or traditional tongue and groove to enhance the appearance of the door and help it to blend into its surroundings as a residential style door-set.

| | Single Door | Double Door |
|---------------|------------------|------------------|
| Width | Up to 1266mm | Up to 2180mm |
| Height | Up to 2705mm | Up to 2705mm |
| Max Leaf Area | 2.78 m2 per leaf | 2.48 m2 per leaf |
| Integrity | E120 | E90 |
| Insulation | EW20 | EW20 |

Upgrades
Louvre and vision panels up to 1524mm high.



Firedor[®] Smoke

Leaf
44mm door leaf thickness incorporating an integrated astragal for added security. Comprising of 1.2mm 'Rustec' steel sheets, the leaf skins are mechanically interlocked and internally bonded, providing greater stability and protection against de-lamination.

Frame
Adjust 2-Fit side expander system that offers up to 12mm expansion to the structural opening.

Threshold
Supplied with an Industrial Door Threshold – 96mm as standard. Smoke-rated doors cannot be supplied without a threshold.

Hardware
Available with mortice locks, lever handles, fire-rated closers, panic devices and flush bolts on the inactive leaf on double doors.

Upgrades
Available with PAS 24:2022 security rating and 36db acoustic rating.

- UPGRADE FOR 36dB ACOUSTIC RATING
- AVAILABLE WITH PAS 24:2022 SECURITY RATING

Finish
Available with a plain leaf style or traditional tongue and groove to enhance the appearance of the door and help it to blend into its surroundings as a residential style door-set.

| | Single Door | Double Door |
|---------------|------------------------------------|-------------------------------------|
| Width | Up to 1200mm | Up to 2300mm |
| Height | Up to 2760mm | Up to 2760mm |
| Max Leaf Area | 2.56 m2 per leaf | 2.68 m2 per leaf |
| Integrity | E120 | E120 |
| Radiations | EW90 (Up to W:965mm x H:2040mm) | EW30 (Up to W:1060mm x H:2437mm) |

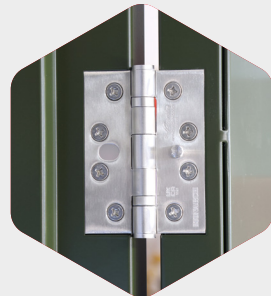


DOOR USP'S.



Non-Riveted Welded Construction

Strongdor doors feature superior welded construction, unlike others that use rivets. Rivets can loosen over time, causing the door skins to separate and the doors to wobble. Non-riveted welding ensures the door skins remain securely attached, maintaining the door's integrity and stability for the long term.



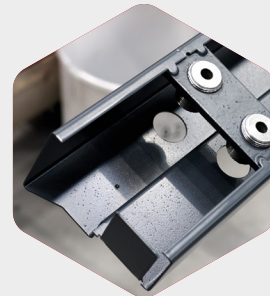
Dog Bolt Hinges

All our hinges are dog bolt as standard. This design ensures that even if someone cuts off the hinge barrel from the outside during an attack, the door remains securely in place and cannot be pushed out of its frame. The dog bolt provides this added security, significantly enhancing the door's overall protection.



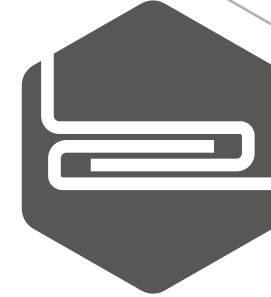
Expandable Sides

This feature ensures a tidy and neat fit, allowing for a secure installation even if the opening is not perfectly square. The sides can be adjusted up to 12mm at each side as needed, providing flexibility for an accurate fit.



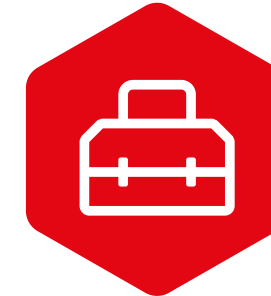
6mm Welded Plate for Jacking Screws

Our 6mm welded plate significantly enhances both strength and security, providing formidable protection against even the most determined attempts at forced entry. This heavy-duty construction ensures long-lasting durability, making our steel doors a top choice for high-security applications.



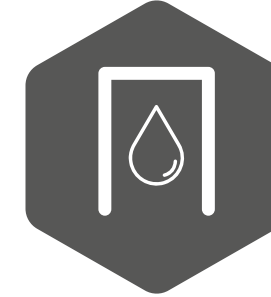
Dutch Fold

Our dutch fold is integrated into all our doors and significantly enhances their strength. This feature creates an exceptionally sturdy door leaf that resists bending and flexing, ensuring durability and reliability.



Fixing Kit

All our doors are supplied with a bespoke fixing kit, complete with a full-length metal hex bar, extra caps and a new drill bit. This comprehensive kit, available in 4 options of masonry, brick, timber and steel, provides everything you need for a simple install on site.



Water Drainage Gusset

Our water gusset effectively prevents water from accumulating at the bottom of the leaf, thus protecting it from rusting from the inside out.



Glue and Unbacked Honeycomb

Our cardboard honeycomb core is an open construction, allowing the glue to expand and fill the hexagonal cells through the whole door. This results in the two leaf skins being bonded at multiple points, significantly reducing the risk of separation and delamination.



Visit for your in-depth technical specification sheets about our door-sets and hardware options.

With further content such as fitting videos, installation and maintenance guides, there is a helpful guide for any situation.

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"Let Strongdor be your competitive advantage"



STRONGDOR

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