

BOOK

from the steel door specialists

*** * TRUSTPILOT

WINTER AND SPRING 2018

The complete range from the leading British manufacturer of personnel doors and fire exits and supplier of European door-sets.

OPENING HOURS

Mon to Fri 7.30am — 4.30pm Weds 7.00am — 4.00pm

Need help? Call us now for expert steel door advice or a free quotation.

www.strongdor.com

\star

Nothing is too much trouble for Strongdor!

The staff are friendly and accommodating. My order was just one door but I'm sure that everyone is treated the same. I am very pleased with my well made personnel door, you can buy a chinese made door for less; take my advice, don't. BUY BRITISH. I picked my door up from the factory directly, this is a proper firm making a well made product, look no further.

GRAHAM POWYS



Welcome to the Doorbook Trade

For those who are unfamiliar with our products and services, it has long been Strongdor's stated aim to be the source of world class steel doors, that are easy to specify, order and install. Over the last ten years, we have been working hard to bring that goal closer to realisation.

To that end, in this edition, you will find that we have extended the Steeldor section. This is our best selling bespoke door range, which is also available in a four hour fire-rated version, Firedor.

TIM DEVENISH | MANAGING DIRECTOR

To make specification easier, we have added a new hardware category. It simply lists the most popular furniture options, as chosen by you.

We hope the changes will make the publication easier to follow, but as always, if you have a specific question or particular feedback, then please don't hesitate to contact us. We really do value your ideas and opinions.

WHY CHOOSE STRONGDOR?

Come and join a growing number of industrial door, construction and facilities management professionals who will not compromise on quality and service. They know our steel doors are ideal for new build, renovation or maintenance and make them first choice time after time.

ACCREDITATION AND QUALITY

Based in the UK, we make great doors. Precision built and checked at every stage for build quality and finish.

Each door is custom made and built to comply with specific standards (including Secured by Design).

Rated and certified for fire, security, acoustic and thermal performance. We also supply specialist, heavy duty doors with blast and bullet proof properties.

SUPERB SERVICE AND EXPERT ADVICE

We are with you all the way. Get access to our expert sales team, many of whom have spent time in the industry, fitting doors and shutters themselves.

They hold key insights into the practicalities of steel doors, saving you time and money in selecting and ordering the right door.

Once in production, we source the best steel, using our know-how to design, fabricate and build superb steel doors. Keeping you up to date on the delivery schedule and advising if there are any special site requirements.

When the door is fitted, we offer after sales care and assistance that is second to none. We won't leave you in the lurch.

VALUE FOR MONEY

Honestly, you can find cheaper steel doors on the market, but are they made from quality steel? Is the leaf Dutch folded for superb stability and resilience? Do they come powder coated and with a full fixing kit? Do they save time and money on site with adjust-to-fit frames? Will you need to replace them in 12 months?

Sometimes what looks like a bargain can actually cost more in the long run.

FAST TRACK DELIVERY

If you need your doors pronto, you may be able to get them quicker with a Fast track delivery. Talk to the sales team for details.



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PRODUCT RANGE | At a glance

The complete Strongdor steel door product range							ting					sle	ls											es					
Door Range	Description	Max Size Single	Max Size Double	Primary Certification	PAS 24	PAS 23	Marine Grade C5 coating	Louvre Panels	Fully Glazed	Vision Panels	Glazed Walls	Glazed over/side Panels	Solid over / side Panels	Fastrack delivery	Fire Rating	Smoke Resistance	Acoustic Rating	Dattistic Nated	Security Rated Blast Rated	Range of Hardware	Low U Value <2	Anti Bacterial Coating	Anti Graffiti Coating	Adjustable Side Frames	Wood Cladding	Wood Effect Print	Air Permeability	Water Resistance	Resistance to Wind
Steel	Bespoke steel door	1400mm x 3000mm	2800mm x 3000mm	BS EN 14351-1 2006 & A2: 2016	~	~	Z	~		~		~	✓	✓						-		~	~	~		~	~	~	~
Firedor	Bespoke steel fire door	1400mm x 3000mm	2800mm x 3000mm	EN 1634-1: 2014	~	~	V	~		~		7	✓	2	Z 1	✓		2	2	~		✓	~	✓		~	~	V	Z
Securidor	Security rated door	1435mm x 3010mm	2905mm x 3010mm	RC1-3 / PAS 24 / SBD	~	~	V	~	~	✓				7	✓	ı	✓ 5	2 5	4	✓			✓		~	V	✓	~	~
Glass	Steel profile glazed door	1500mm x 3000mm	2900mm x 3000mm						~		V	~	 ✓	ı	✓	✓			7	-	ı						~	V	~

	The complete Strongdor steel door product range						ting					sls	sli											Sea					
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Acoustider	Acoustically rated door	1435mm x 3010mm	2905mm x 3010mm	EN ISO 10140-1: 2006			₹	✓	✓	✓		2	✓	~	1	✓	✓	Z	✓	✓	 ✓	✓	 ✓			 ✓	~	~	~
Ballistidor	Bullet resistant door	1435mm x 3010mm	2905mm x 3010mm	BS EN 1522: 1999			~							V	1	~	~	V	~	~	~	~	~		~	~	V	Z	~
Blast	Explosion resistant door	1435mm x 3010mm	2905mm x 3010mm	0.1 TO 2 BAR - FM TESTED			~							V	1	~	~	V	~	~	~	~	~		~	~	~	~	~
Climador	Thermally rated door	1360mm x 2550mm	2640mm x 2550mm							~		Z 1	✓	~	I	~					~					~	<	~	~

Icons relevant to the individual range features are displayed on the introduction pages. They are designed to make it easy for you to identify and select the right door for your project.

Marine Grade C5 Coating Smoke Resistance Resistance Adjustable Side Frames Security Rated Air Permeability

UNLOCKING EDEN

Joseph Hall Garden Rooms and Steeldor

How Joseph Hall Garden Rooms are using Steeldor to help their business bloom.

PAS 23 Fire Rated Graffiti Coating

Pictured right: In situ, an example of a Joseph Hall Garden Room with a single Steeldor door-set complete with vision panel.

One of the ongoing delights for a manufacturer and supplier of steel doors is seeing the creative and imaginative ways in which our products are being used. It's not that we lack innovation, but we have long been aware that you, our customers, are the true boffins when it comes to steel door inventiveness.

continued over...



"The vast choice of colour and fast turn around makes Strongdor a pleasure to deal with".

UNFARTHING GFMS

Let's face it, while functional, tough and well-finished, our doors are usually most at home avoiding unwanted attention, rather than seeking the spotlight. Consequently, when we un-earth the unusual, we are very keen to share.

BEAT THE SQUEEZE

Based in small West Yorkshire town of Mirfield. Joseph Hall Garden Rooms are a family business with a recognised talent for building garden rooms. They had been guick to spot that demand for housing puts a squeeze on living space. So up, after the loft is boarded and down, the cellar converted and there is still no room for a gym, an office or an extra bedroom, then there is always out in the garden.

TRADITIONAL

Using established building techniques, such as



renewable, kiln-dried timber and traditional trussed apex roof (incorporating solid concrete tiles which gives virtually zero maintenance). Joseph Hall make so much more than a shed with attitude.

PLANNED

Their rooms are planned, designed and erected to make the most of the area available, creating contemporary, bright and insulated spaces that can be adapted according to function.

STEELDOR

Summer house, cinema room, salon or workshop the addition of power and lighting make the rooms inhabitable all year round. The use of our powder coated Steeldor along with aluminium windows with toughened, energy efficient glazing, also means that comfort does not come at the expense of security. The attention to detail is remarkable.



UNLOCKING EDEN



When we caught up with Managing Director Michael Hall, he was predictably busy on site, stopping briefly to answer one question, why Steeldor? He told us: "Early on, we discovered that steel doors are low maintenance in comparison to wood and they are

far more secure.

He added: "The vast choice of colour and fast turn around makes Strongdor a pleasure to deal

We are naturally pleased that, as a result of this

kind of lateral thinking, Joseph Hall has become a very good Strongdor customer. Their addition benefits more than the balance sheet. Through their work, they demonstrate the kind of honest approach to good quality and excellent service that we like to think that we have in common, a shared ethos. We know any business built on those simple foundations will succeed and sincerely wish them well for the future.

If you have think that you have found an innovative or unusual use for our doors, then we would love to hear from you. Simply contact us on the number below or drop an email to simon.king@strongdor.com









Maximum size single door set 1400 x 3000mm

Maximum size double door set 2800mm x 3000mm

STEELDOR | Technical specifications

The option of the pre-tensioned Rustec anti-rust steel is available on many doors within the range. This provides unparalleled strength and incredible resistance to corrosion, to add years to the life span of the doorset.



FRAME

Manufactured from 1.6 mm thick 'Rustec'

Single rebate 104mm wide frame with additional rebate for flush lip.*

A minimum of six fully adjustable fixing points are provided to each iamb.*

Unique 'Adjust-2-fit' side channels with each frame.*

Double rebate frames are available on reauest.

5 year warranty against rust as standard for all colour coated doors.*

LEAF

45mm thick Door leaf with flush lipped astragal constructed from:

2 x 1.2mm thick 'Rustec' sheets, which are Dutch folded and internally bonded

42mm thick 'Hexatex' core.*

5 year warranty against rust as standard for al colour coated doors.*

DOOR IRONMONGERY

BS 7352 Grade 13 stainless steel, twin bearing template drilled butt hinges with integral high security dog bolts are fitted as standard with CE marking.

SEALS

Strongdor self adhesive P-seal provided as

SIDE PANELS & OVER PANELS (Optional)

Solid, Glazed and Louvred side and over panels available.

VISION PANELS (Optional)

20GA Cold Rolled Steel – Stainless Steel available upon request.

Single and Double glazed.

6mm GWPP/ 6.4mm Laminated / 6mm Toughened / 9mm Ceramic.

Obscured and frosted options on request. 22mm Double Glazed units.

LOUVRES (Optional)

18GA Galvanised Steel - frame.

22GA Galvanised Steel - louvre blades. 50% Free air flow in standard configuration

Bird Mesh and Insect Mesh available.

36% Free air flow when using insect mesh.

Comes as standard in a powder coated finish in one of our standard colours.

Full range of and BS colours available.

Marine Grade finish is available as an option in salt laden coastal or high chlorination

Full range of finishes available including, metallics and pearlescent.

16 year warranty against rust in a non saline environment with our optional C5i coating

THRESHOLD

Aluminium threshold with neoprene seal on external outward opening doors.

Double ramped threshold available for doors needing pallet truck access. - Require raindrip & brush seal to prevent water ingress.

Specialist inward opening threshold available where water ingress is an issue on inward opening doors.

WEATHER-TIGHTNESS

The standard is BS 6375: Part 1: 2009 (test to FN1026:2000, FN1027:2000, FN12211:2000) and Steeldor passed the 1200 exposure

WATER-TIGHTNESS

The standard EN1027:2000 was passed 150Pa for outward opening and 100Pa for inward opening.

WIND LOAD

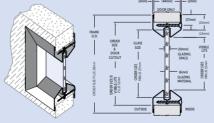
the EN12211:2000 standard was passed 1200Pa (Class A3) 98 mph.





STANDARD 96mm THRESHOLD 8mm under door clearance









STEELDOR | Door types and panel options



Steeldor can be configured for use as both personnel doors and emergency exits. The single, double and leaf and a half door-sets can also be supplied with bespoke side and overpanels.

Fixed, glazed, louvred or detachable panels, the illustrations on the following pages are set out to give an example of the most common choices of Steeldor design and is only representative of the many options available.

If you are unsure, or have a question, then please talk to one of our expert sales team, who will be able to advise and guide you.

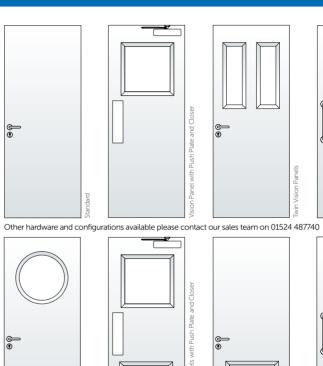


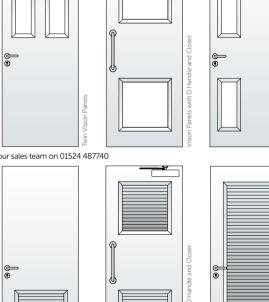


STEELDOR | Single personnel doors common hardware configurations







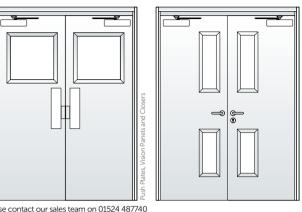


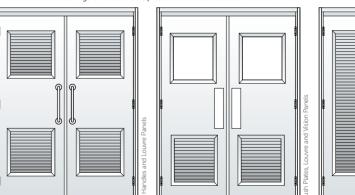
STEELDOR | Double personnel doors common hardware configurations















MATERIAL

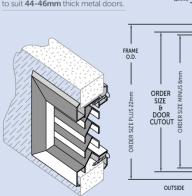
18GA. Galvanised Steel

22GA. Galvanised Steel Louvre Blades.

Powder coat to suit door or other finishes available to order, including Grade 304 and Grade 316 stainless

DIMENSIONS

Door thickness to suit **44-46mm** thick metal doors.



BLADE PITCH

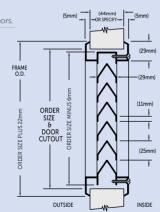
35.8° from vertical.

LOUVRE MESH

Insect and bird mesh available.

FREE AIR FLOW

50% free area. (36.6% when using insect mesh.



STEELDOR | Louvre doors and panels

Steeldoor louvred panels are the essential solution for security sensitive applications where good airflow is imperative. Our high quality fully louvred panels and doors are designed to protect and ventilate without compromising either function.

With the same level of performance and high quality standards of quality and service which Strongdor have now set as an industry benchmark, these products will allow 50% airflow through any given panel size, offering complete peace of mind.





STEELDOR | Standard hardware options

Sash Locks



Briton 5510 | Cylinder Deadlock

Briton 5520 | Cylinder Sashlock

Briton 5530 | Bathroom lock

Briton 5540 | Latch - SSS

Briton 5555 | Cylinder Nightlatch

Briton 5560 | Escape Sashlock

Abloy EL560 | Electric Lock



Briton 376 | Two Point Panic Bolt - Silver

Briton 378 | Single Point Panic Latch - Silver

Briton Lever Operated Outside Access Device | Silver



Dorma Escape Hardware



PHA Modular 3 Point | Panic bolt with lateral latches (push bar)

PHA Modular 2 Point | Panic bolt comes with vertical steel latches (push bar)

PHB Contur Modular 3 point | touchbar panic bolt comes with vertical steel latches

PHB Contur 1 Point | modular touchbar panic latch with zinc latch

Contur External Lever Trim | for use with PHA & PHB panic hardware suitable for euro profile cylinder

Surelock Escape Hardware

Surelock McGill 2 Point BAR comes with vertical **bolts for single door** | Slimline surface mounted 2-point bolting system - auto-bolting, anodized push bar with green lettering (BS EN 1125: 2008)

Surelock McGill 3 Point BAR comes with vertical **bolts for single door** | Slimline surface mounted 3-point bolting system - auto-bolting, anodized push bar with green lettering (BS EN 1125: 2008)

Surelock McGill 3-point and two point green lever handle exit system | Slimline surface mounted 3-point and 2 point bolting system - auto-bolting, green exit lever handle (BS EN 179: 2008)

Surelock McGill 5 Point BAR comes with vertical **bolts for double door** | Slimline surface mounted 5-point bolting system, auto-bolting, 2 x anodized push bars with green lettering (BS EN 1125: 2008)

Outside Access Device – LEO Modules (supplied with Union cylinder as standard) | Surface mounted LEO keyed to differ Union Euro profile cylinder comes with 2 keys - left and right handed.

IF YOU CAN'T SEE THE HARDWARE **YOU NEED?**



STEELDOR | Standard hardware options

Personnel Door Furniture



Pair of 19mm dia Safety Lever Handles | on sprung

19mm dia D Pull Handle | 300mm

Finger Plate | 300 x 75mm - PLAIN / SSS

Disabled Thumbturn & Release | with engaged indicator (use with bathroom lock)

Cylinders



Euro Double Cylinder | 70mm / SC

Euro Standard Turn Cylinder | 70mm / SC

Euro Double Cylinder 70mm | KA2 / SC

Euro Single Thumbturn | 45mm / SC

Euro Double Cylinder | 70mm / SC - 6 pin kite

Euro Cylinder & Turn | 70mm / SC - 6 pin kite marked

3* XP Integator Euro | 35 x 35 key alike 2 keys - top

Closers / Stavs



5204 Standard Arm Closer | EN 2-4 adjustable silver

9205 Slimline Heavy Duty Door Closer | EN 2/3/4/ (fire rated doors)

9205 Slimline Heavy Duty Door Closer | comes with

Hold Open Armset | including bracket and fixings. Push side of door

Friction Stay Telescopic | not for windy environments

Heavy Duty Door Holder Stay | not for windy envi-

Door Selector | Supplied loose standard on double fire doors)

Garage Door Stay

Electric Strike / Mag lock / Codelocks



Electric Strike GK310 | 12/24/FL/FU Lipless

500Kg Holding Force Mag Lock | Inward / outward opening

Borg 5000 Digi lock | SSS comes with round bar handles

Misc Options

Door Viewer 180 Degrees | SC

External Letter Box | 290 x 75mm

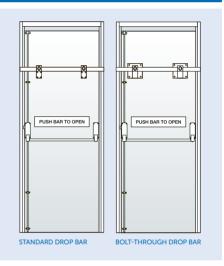
Fire Door | Keep Shut signage

Fire Door | Keep Locked signage

Fire Escape | Keep Clear signage

Disabled Symbol

Drop Bars



Drop Bar Double | with or without Pinsen Locks bolt through also available

Drop Bar Single | with or without Pinsen Locks bolt through also available

Wall Mounted Hook | for hanging the drop bar on

Kick Plates

Stainless Steel | Various sizes to full door

Chequered | Various sizes to full door

Thresholds

96mm | Industrial Door Threshold

114mm | Industrial Door Proline AM3 Threshold

105mm | Industrial Door Proline AM5 Threshold

127mm | Flat Double Ramped Threshold

Self-Adhesive Brush Seal | (Black)

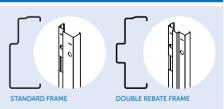
Aluminium Rain drip with Neoprene Blade







Door Frames

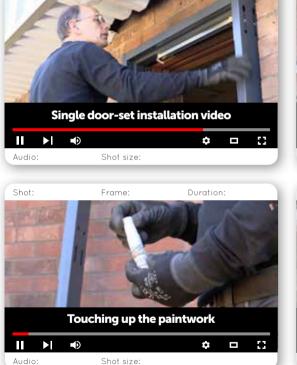


Standard Frame

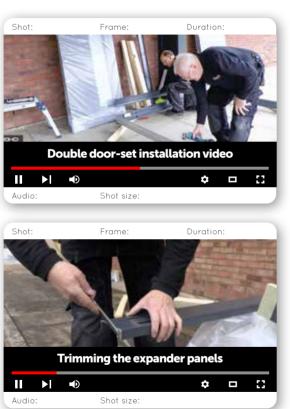
Double Rebate Frame

STEELDOR | Fitting and trouble-shooting videos

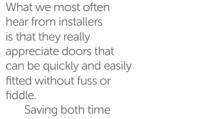
Duration:



Frame:



STEELDOR | Adjust to fit sides



and money on site, the Steeldor adjust to fit frame makes installation a doddle. To see just how easy that is, take a look at the video instructions on our website (see QR code below).

You can also find instructional videos featuring remedies for some of the more common fitting snags.





STEP 1: First align the frame into the door opening.



STEP 4: Insert the frame fixers.



STEP 2: Ensure you have a square and tight frame using the adjuster screws.



STEP 5: The fully tightened frame fixers are recessed half way into the frame



STEP 3: Once the frame is in position, drill through the frame

Fixing Kits



Complete installation kit available with every Steel Door. (Kit may differ to that shown).

Shot:

STEELDOR | Colours and Powder Coating Options

STEELDOR | Colours and Powder Coating Options

1001	1003	1013	1015	1016	1017
Beige	Signal Yellow	Oyster White	Light Ivory	Sulfur Yellow	Safrron Yellow
1018	1021	1023	2002	210 8010 Blue	3001
Zinc Yellow	Colza Yellow	Traffic Yellow	Vermillion		Signal Red
3003	3004	3005	3011	3028	4005
Ruby Red	Purple Red	Wine Red	Brown Red	Pure Red	Blue Lilac
4007	4008	5002	5002 Ultramarine	5003	5004
Purple Violet	Signal Violet	Ultramarine Blue	Blue	Saphire Blue	Black Blue
5005	5007	5008	5009	5010	5012
Signal Blue	Brilliant Blue	Grey Blue	Azure Blue	Gentian Blue	Light Blue
5013	5014	5017	5018	5020	5021
Cobalt Blue	Pigeon Blue	Traffic Blue	Turquoise Blue	Ocean Blue	Water Blue
5024	6001	6002	6007	6016 Turquoise	6017
Pastel Blue	Emerald Green	Leaf Green	Bottle Green	Green	May Green
6018	6020	6028	6029	6029	6034 Pastel
Yellow Green	Chrome Green	Pine Green	Mint Green	Mint Green	Turquoise
7000	7001	7004	7005	7010 Tarpaulin	7011
Squirrel Grey	Silver Grey	Signal Grey	Mouse Grey	Grey	Iron Grey
7012	7013	7015	7016	7022	7023
Basalt Grey	Brown Grey	Slate Grey	Anthracite Grey	Umbra Grey	Concrete Grey
7024	7026	7030	7031	7032	7035
Graphite Grey	Granite Grey	Stone Grey	Blue Grey	Pebble Grey	Light Grey

7036	7037	7037	7038
Platinum Grey	Dusty Grey	Dusty Grey	Agate Grey
7040	7042	7043	7044
Window Grey	Traffic Grey A	Traffic Grey B	Silk Grey
7045	7047	7048	8001
Telegrey 1	Telegrey 4	Pearl Mouse Grey	Ochre Brown
8011	8015	8016	8022 Black
Nut Brown	Chestnut Brown	Mahogany Brown	Brown
8022 Black	8028	8080	9001
Brown	Terra Brown	Dark Bronze	Cream
9002	9004	9005	9006
Grey White	Signal Black	Black	White Aluminium
9007	9010	9011	9016
Grey Aluminium	White	Graphite Black	Traffic White
9017 Traffic Black	9023 Pearl Dark Grey		

These colours represent a selection of all those that are available. Please ask if you cannot see the colour you require.

PLEASE NOTE: These colours are for reference only and are an approximation of the true colours. The quality, type and settings of the output device used to display this page will also affect the visible colour. Some colours may be subject to an additional cost. Door-sets that are installed in extreme locations, ie, coastal areas etc, may require special paint applications. Our sales staff can advise accordingly. Failure to notify/specify these applications can result in the negation of the Strongdor guarantee.

To ensure maximum durability, Steeldor is supplied in a high quality finish powder coating. At no extra cost.

A full range of and BS colours are available, including metallics and pearlescents as an optional extra.

Strongdor is an approved C5 marine grade specialist, providing unmatched corrosion resistance in doors supplied to highly corrosive and saline environments.

Paint	Options
Marine	Grade Paint Single
Marine	Grade paint Double
C5i Ma	rine Grade Door Single

C5i Marine Grade Door | Double



If the worst happens and fire breaks out, then seconds can make a huge difference. Which makes choosing the right door more than important, literally it could be a matter of life and death.

Independently tested and assessed, Firedor has all the versatility and durability that you would expect from a Strongdor steel door, plus an impressive full four hour fire test rating.

GLAZING AND LOUVRE PANEL OPTIONS

LOW LEVEL DDA APPROVED
THRESHOLD DOG BOLT HINGES WITH CE MARKING

ASTRAGAL FITTED AS STANDARD

EASY INSTALL ADJUST-TO-FIT

CHOICE OF COLOURS AND HARDWARE

Fully bespoke, Firedor can be made to your exact requirement and has superior security features such as astragal and dog bolt hinges. A low level DDA approved threshold comes as standard. Firedor is available with vision panels, also fire tested to a full four hours, and louvre panels which are fire tested to 2 hours.



Maximum size single door set 1400 x 3000mm

Maximum size double door set 2800mm x 3000mm

FIREDOR | Personnel doors and fire exit doors



LEAF

45mm thick Door leaf with flush lipped astragal constructed from:-

2 x 1.2mm thick 'Rustec' sheets, which are Dutch folded and internally bonded together.*

5 year warranty against rust as standard for all colour coated doors.*

FRAME

Manufactured from 1.6 mm thick 'Rustec' steel.*

Single rebate 104mm wide frame with additional rebate for flush lip.*

A minimum of six fully adjustable fixing points are provided to each iamb.*

Unique 'Adjust-2-fit' side channels with each frame.*

Double rebate frames are available on request.

5 year warranty against rust as standard for all colour coated doors.*

DOOR IRONMONGERY

BS 7352 Grade 13 stainless steel, twin bearing template drilled butt hinges with integral high security dog bolts are fitted as standard with CE marking.

SEALS

Strongdor self adhesive P-seal provided as standard.

VISION PANELS (Optional)

20GA Cold Rolled Steel - Stainless Steel available upon request.

Single and Double glazed.

6mm GWPP/ 6.4mm Laminated / 6mm Toughened / 9mm Ceramic.

Obscured and frosted options on request.

22mm Double Glazed units.





LOUVRES (Optional)

18GA Galvanised Steel - frame.

22GA Galvanised Steel - louvre blades.

50% Free air flow in standard configuration.

Bird Mesh and Insect Mesh available.

36% Free air flow when using insect mesh.

Comes as standard in a powder coated finish in one of our standard colours.

Full range of and BS colours available.

Marine Grade finish is available as an option in salt laden coastal or high chlorination locations.

Full range of finishes available including, metallics and pearlescent.

16 year warranty against rust in a non saline environment with our optional C5i coating.*

THRESHOLD

Aluminium threshold with neoprene seal on external outward opening doors.

Double ramped threshold available for doors needing pallet truck access. – Require rain-drip & brush seal to prevent water ingress.

Specialist inward and outward opening threshold available where water ingress is an issue on inward opening doors.

SIDE PANELS & OVER PANELS (Optional)

Solid. Glazed and Louvred side and over panels

Supplied in a high quality finish powder coating to ensure maximum durability. Firedor is available in a full range of and BS colours, including metallics and pearlescents at extra cost. (See pages 36 and 37 for standard colour options). As an approved C5 marine grade specialist, Strongdor can supply Firedor with unmatched corrosion resistance for use in highly corrosive and saline environments.

Optional pre-tensioned Rustec anti-rust steel is available on many doors within the range, giving unparalleled strength and incredible resistance to corrosion, to add years to the life span of the door-set.



Available on most door-sets in the range

SECURIDOR | Security rated steel door

SECURITY RATED STEEL DOOR



In an increasing security conscious world it is reassuring to know that your possessions are behind locked doors. But it is doubly reassuring to know that the doors you choose have been physically tested by a third party and certified to an internationally recognised standard.

Securidor offers this reassurance. Strongdor have invested heavily in security testing and can offer a comprehensive ranged of fully certified products including PAS 24 rated doors.

Tested in accordance with EN1627, Securidor is perfect for applications such as banks, data centres, and any place that a higher level of security is required. A range of hardware is available and the doors can be finished in a full range of colours.



Maximum size single door set 1250 x 2420mm

Maximum size double door set 2500mm x 2420mm

SECURIDOR | Technical specifications



DIMENSIONS

Single Width min. 909mm Width max. 1250mm Height min, 1760 mm Height max. 2420mm

Double

Width min. 1818mm Width max. 2500mm Height min. 1760 mm Height max. 2420mm

Thickness = 75 or 100 mm.

Every door is bespoke, dimensions can be adapted within the limits to suit construction requirements.

COMPOSITION

Securidor doors (with or without antipanic features) have a double-walled door leaf and are made from electrolytic galvanised steel sheeting. The burglar proof doors are specially constructed for increased strength, rendering extra locks unnecessary. All doors are also fitted with an additional overlap on the closing side, as well as a sturdy hinge structure.

BURGLAR PROOFING

Our doors have been RC2 and RC3 tested in accordance with EN 1627/NEN 5096 including anti-panic features (tested according to EN 179/EN 1125).

FINISHING

The standard finish for the door and frame is a 2-component primer, with optional lacquering in a colour of your choice.



Securidor can be fitted with: Drill-through safeguard for extra security (when being used as an escape door) | Anti-panic lock with pushbar | CE EN 1435 1-1 | Other options available on request.

MODELS

Securidors are available as single or double doors, with or without an intermediate stile and can be made either left or right swinging. Other options available on request.





GLASSDOR | Steel profile glazed door





CONTACT US

Glassdor is available in a wide range of configurations, please contact our sales team to discuss technical specifications to your specific requirements.





As the saying goes, you don't get a second chance at a first impression. So, choosing the right showroom or business facade is very important. Looking in or out, balancing the aesthetic with the demands of a high traffic area can be tricky, why should you compromise? Simultaneously attractive, durable and easy to maintain Glassdor offers the perfect solution.

With its sleek lines, the Glassdor oozes the sort of quality that will enhance any space while, at the same time, it is exceptionally reliable and sturdy. The system can be used for full curtain walling with optional side and over panels, and is available with a full range of door furniture including maglocks and electric strikes.



Maximum size single door set 1500 x 3000mm

Maximum size double door set 2900mm x 3000mm

GLASSDOR | Options

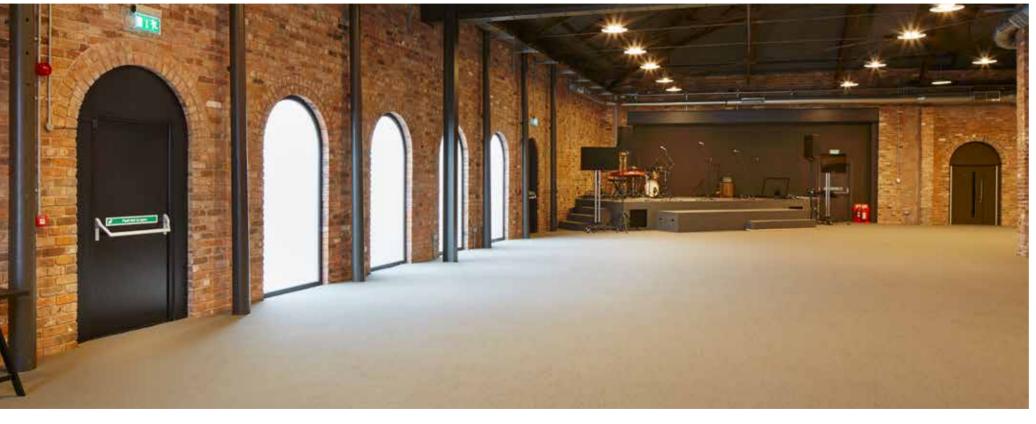






Glassdor is ideally suited for use on entrance doors, shop fronts, showrooms, reception areas and interior partitions.

For extra peace of mind, Glassdor can be installed in areas where fire risk may be a concern, it is smoke resistant and can also be supplied with a fire rating to EIS30 and EIS60.





When it comes to noise control Acoustidor leads the way. Keeping sound out, or stopping it escaping, with certified noise reduction from 41db to 56db, whatever acoustic challenge you are faced with, there is an Acoustidor to meet your needs. Recording studios, generator rooms, cinemas, nightclubs or churches, Acoustidor is the perfect solution to noise control challenges.

Acoustidor is certified to EN ISO 140-3 and is available in 4 versions: 41dB, 47dB, 53dB and 56dB. It is available in either 75mm leaf thickness or 100mm leaf thickness.

Air permeability class 4 (EN12207) and water tightness class 8a (EN12208) come as standard on the Acoustidor along with the durability that comes with all Strongdor products.



Maximum size single door set 1435 x 3010mm

Maximum size double door set 2905mm x 3010mm

ACOUSTIDOR | Technical specifications

CERTIFICATION

Air permeability class 4 according to EN 12207 and Class A1/A2 NEN-EN 12152.

Water-tightness Class 8A in accordance with FN 12208.

DIMENSIONS

Door thickness	75mm
Every door produced	is bespoke and

the dimensions can be adapted within the limits to suit the construction requirements exactly.

Max. width = 1435mm Max. height = 3010mm

Max. width = 2905mm Max. height = 3010mm

COMPOSITION

Acoustidor sound insulating doors have a double-walled door leaf, made from galvanised steel sheeting. The doors contain interior insulation material, and are supplied complete with frame (made of 2 mm sheeting) and fitted with a double-seal.

WARRANTY AND OPTIONS

Each door comes with a 5 year construction warranty and can be combined with many other properties such as ballistic resistance, burglar resistance or fire rating to match you exact requirements. A full range of door furniture is also available.

SOUND INSULATION VALUE **EXAMPLES**

Rw (C,Ctr)	41 (-1,-5)dB	47 (-2,-8)dB	53 (-2,-6)dB	56dB							
Ra pop	34dB	37dB	42dB	50dB							
Ra house	26dB	28dB	30dB	45dB							
The values provided were taken in a laboratory, using a single door.											

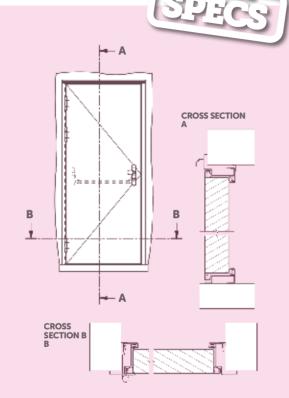
COLOUR

Choose from stainless steel or powder coated to any colour.

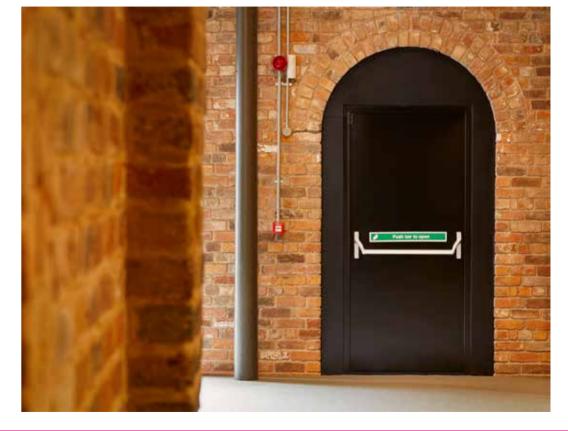
Frequency (Hz)	Isolation values (dB)*									
	41	47	53	56						
63	15dB	17 dB	18 dB	34dB						
125	22dB	25 dB	34 dB	43dB						
250	36dB	38 dB	42 dB	47dB						
500	44dB	44 dB	51 dB	50dB						
1000	41dB	48 dB	55 dB	56dB						
2000	42dB	51 dB	56 dB	55dB						
4000	46dB	56 dB	61 dB	55dB						
8000	49dB	61 dB	64 dB	-						

Insulation values were measured in accordance with the EN ISO 140 – 3 standard.





Powder coated to any colour and available with a range of hardware options. Each door comes with a 5 year construction warranty for your peace of mind and can be combined with many other properties such as ballistic resistance, burglar resistance or fire rating to match your exact requirements.







Exclusively supplied by Strongdor, to our best knowledge, Ballistidor is currently the only door-set supplied to the UK market that meets the requirements of the new BS EN 50518-1: 2013 standard for monitoring and alarm centres.

When ultimate security is required, you can rely on Ballistidor, our bullet resistant door. Tested to provide maximum protection in life threatening situations, even usual weak spots such as door seams, sills, closures and locks have passed the ultimate test.

The Ballistidor is ideal for applications such as police stations, firing ranges, banks and vaults, where security is becoming an ever more important aspect of building design.

Tested in accordance with EN 1522-1 class FB4, the Ballistidor is well able to balance the need of protecting a person under sustained attack until help arrives, while being easy to operate and maintaining a clean aesthetic appearance when being used from day to day.



Maximum size single door set 1435 x 3010mm

Maximum size double door set 2905mm x 3010mm

BALLISTIDOR | Technical specifications





Choose from aluminium or powder coated to any colour. Available with a range of hardware options, each door comes with a 5 year construction warranty for your peace of mind and can be combined with many other features such as acoustic rating, burglar resistance or fire rating to match your exact requirements.

DIMENSIONS

Every door is bespoke, the dimensions can be adapted within the limits to suit the construction requirements exactly.

Max. height = 3010mm.

Double Max. width = 2905 mm Max. height = 3010 mm.

BALLISTIC RESISTANCE

tested in accordance with the EN 1522-1 class FB4 NS standard, area

In addition to this class, the doors are tested using the following missiles: NP (new police bullet) | A3 action 3 | Action effect | Ball syntox (DM41)

the potential for ricochet coverage and excellent sound insulation and fire resistance.



COMPOSITION

Ballistidor is double-walled and cast

The interior of the door contains insulation appropriate for the door's specific application.

FINISHING

The standard finish for the door and frame is a 2-component primer, with optional lacquering in a colour of

FITTINGS

Doors can be fitted with: BKS door lock, type 1206 | Anti-panic lock with pushbar | Door limiter/door spring | Espagnolette lock | Day and night

SOUND INSULATION

Rw = 56dB (EN ISO 140-3)

BURGLAR PROOFING

RC2 AND RC3 (EN 1627)

FIRE RESISTANCE

60 (EN 1634 -1)

ESCAPE EN 179 / EN 1125







FIRE RATING

2 Hours

DOOR LEAF PLATE THICKNESS

DOOR LEAF TOTAL THICKNESS

80mm thickness

FRAME 4mm

HINGES

Continuous Hinge

LATCH

1 Point



WEIGHT

Sinale Door 175Ka Double Door 315Kg

SOUND REDUCTION Rw 37-45dB

GAS TIGHTNESS

0.07m³/m² h @50Pa

THERMAL INSULATION $U = 0.8 W / m^2 K$

CLEAR OPENING

Single door 900 x 2100 Double door 1800 x 2100

BLAST RESISTANCE From 0.1 bar up to 2.0 bar Blastdor is a heavy duty, external weather and gas tight fire door that is specifically designed for applications and industries where there is risk of explosion.

These tough doors can be operated manually, electrically or pneumatically and they come in a range of finishes. If needed, they can be manufactured to an exact specification. With upgrades and customisation to the materials and structure of the doors. Blastdor can be made to suit your specific application.

FM security tested and supplied as single or double leaf doorsets, Blastdor is reinforced for a continuous hinge, door closer and an optional panic bar.



Maximum size single door set 900 x 2100mm

Maximum size double door set 1800mm x 2100mm

CLIMADOR | Thermally rated steel door









Security Astragal to three sides of the leaf Heavy duty self-closing hinge

Anti-iemmy studs

I ow profile threshold

Integrated rubber seal to all four sides of the frame

63mm Double skin door leaf

with Rockwool core

108mm single rebated 2.0mm thick door frame

U Value : 1.4W/m².K









Climador has an exceptionally low U-value of as little as 1.4W/m².K and has been added to the Strongdor range to address the growing demand for thermally proficient, insulated steel doors.

Made from galvanised sheet steel, Climador comes in double or single leaf configurations and is ideally suited to internal or external applications for commercial, industrial, public or residential projects.

Climador has a unique rebate gasket made from EPDM rubber, that sits aound both the frame and threshold, giving the door-set excellent resistance to both wind and water. Standard door hardware consists of a single mortice lever handle and cylinder lock with three keys.

Options on the range also include: Two hour fire rating, anti-burglary locks, electro-magnetic strikes and panic hardware for fire exits.



THERMALLY RATED STEEL DOOR

Maximum size single door set 1360 x 2550mm

Maximum size double door set 2640mm x 2550mm





CASE STUDIES





further expansion in the future.

The entire scheme could create as many as 3,000 jobs in an area that was negatively effected by the recent closure of the local airport.

The distinctive Steeldor personnel doors, that were selected for the units, feature a glazed over-

panel. It is used in combination with the full height windows to add supplementary light to the offices.

With enquiries already coming in for the new units, it seems that the sun is shining on a venture which has already transformed this part of the seaside town.







Part of a £5 million plan to bring more business to the south side of the North West resort, Enterprise Court is the latest development in the Blackpool Enterprise Zone, situated on Amy Johnson Way.

Funded entirely by private sector investment and consisting of small offices and workshops, the development will initially comprise of 12 units. The plan is to increase capacity to 50 units with potential for

STEELDOR | Commercial application case study



Situated to the North West of Lincoln. Riverside Enterprise Park is a 5.8 acre (2.3 hectare) development, just five miles from Lincoln City Centre and close to the village of Saxilby.

The site comprises of both new build units and existing portal frame buildings, which are stripped back before being re-clad and refurbished to a very high standard.

Visible from the A57 trunk road the Park has been created by Stirlin Developments, to provide premises for both local and national businesses wishing to establish a foothold in this agricultural heartland.

Based in Lincoln, Stirlin is a growing company that is involved in both residential and commercial building work. For the Riverside site, they mainly specified doors from the Fastdor+ range, based on its quality, ease of fitting and excellent pricing.

With the first units now occupied and pre-sales of £1.8 million for floorspaces starting from 190m², the first phase of the Enterprise Park is proving to be a huge success. So much so, that work on a second phase is already underway.

BESPOKE STEEL DOOR



PARKSIDE ENTERPRISE PARK LINCOLN





STEELDOR | Public sector application case study





BESPOKE STEEL DOOR



council earmarked the Bowness **BOWNESS PUBLIC** in Windermere public toilet block for closure, the Bowness and Windermere Community Care Trust CONVENIENCES stepped in with a bid to bring them Today, the eight loos at Bowness

bay now meet the high standards expected for facilities in such a charge for the convenience. All popular and much loved tourist area the money raised will go back into the running of the toilets.

Seizing the opportunity to do more than simply renovating and updating the existing block, the Trust worked with Chris Rushton at Lakes Architects Windermere to create a focal point with a design for a more distinctive, modern space.

When a cash-strapped district

up to scratch.

Chosen for its resilience. Steeldor was specified for the project. Easy to fit and maintain, the security doors were finished with stunning, highly colourful graphics that highlight the local wildlife and some of the Lake District's less well-known beauty

The cost of the upgrade meant that the trust had to levy a small

paying for cleaning, consumables, maintenance and securing the facilities for future visitors.



STEELDOR | Commercial application case study









BESPOKE STEEL DOOR



BLUE CROSS

Pets are at the heart of everything that the Blue Cross charity do. Each year, thousands of animals arrive at their hospitals, clinics and re-homing services. Some, who cannot afford private vets, will need medical attention, while others will be looking for the new happy homes they deserve.

When the animal rescue centre at Felixstowe closed the doors after 40 years, the facility moved to a new £3m state-of-the-art complex in nearby Wherstead. The charity hopes that the move to the bigger site, will double the number of pets that it will be able to help in the Suffolk area. To include puppy and kitten areas and an on-site veterinary clinic, a new puppy unit will enable the Blue Cross

team to care for about 80 homeless puppies.

Specified by the Architects, Patrick Allen Associates, Strongdor's involvement with this exciting project included the build and supply of Steeldor in various configurations for use across the site.

Built to suit specific location need, the flexible Steeldor range had to give visual coherence throughout. With solid, louvred and vision panelled doors in both single and double doorsets for fire exits and personnel doors, the variation in styles and hardware required to furnish this diverse site made for an interesting and exciting project.

STEELDOR | Retail sector application case study







BESPOKE STEEL DOOR



BIKETREKS INGS

Thanks to businessman Simon Hockings, there has been a significant change to the menu at the former Little Chef site on the A591 between Kendal and Windermere

Transformed from Heston's troubled grub outlet to tasteful coffee shop and bespoke purveyor of some seriously exclusive road bikes, Biketreks at Ings has already become a popular destination for cycling enthusiasts.

With the original Biketreks shop in Ambleside now concentrating on mountain bikes, the new store boasts names such as Specialized, Scott and award winning German maker Storck.

The store itself has a light, contemporary look and feel, with a huge expanse of glass and polished concrete floor. It was designed to

feature the bikes at their very best, using gallery-like white walls and a floating staircase to add to the refined ambiance.

Specified by the Architect, Steeldor performs a less glamorous but equally essential role in the new build. Used to the rear of the building the double fire exit and single personnel doors give staff and stock access, while protecting the precious bikes from would be thieves.

Surrounded by the stunning scenery, Simon hopes that the South Lakes will become the cycling capital of the North, Biketreks is definitely a step in the right direction.







The Park, which enjoys wonderful views of the Pennine Hills and surrounding countryside, is close to the centre of the Cumbrian market town. Nestled between the Lake District, the Yorkshire Dales, those who work and play in Kirkby Stephen are no strangers to the outstanding natural beauty that surrounds them

While the area around the site may be idyllic, the northern weather can sometimes be a little more challenging and the choice of doors had to balance the security needs of the occupants, the demands of

the local environment and yet still be sympathetic to the beautiful local stonework used in the construction of the units.

With the next phase of the popular development due to open, there has already been plenty of interest in the site, which already houses a diverse range of tenants from IT consultants to a unique furniture producer that sources its timber from the surrounding farms.

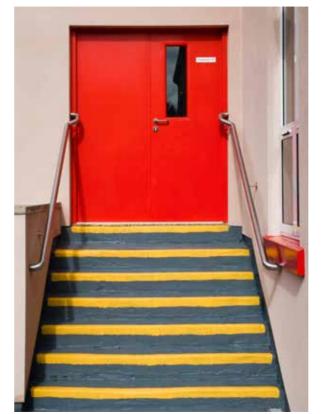






FIREDOR | Public sector application case study





BESPOKE FIRE-RATED STEEL DOOR

THORNLEIGH

At Thornleigh College, as with all public sector projects, reliability and resilience were key considerations in the specification and selection of replacement doors.

In order to minimise disruption, all work had to be completed within a tight deadline. Functioning in an environment where there was an expectation of high traffic, sustained and prolonged use from students and teachers moving between lessons and breaks, suggested a type of door that would perform perfectly, time and time again. Also, as you would expect, for safety sake the doors had to meet all accreditation for build quality and fire rating.

The Firedor Series met all these requirements and Strongdor ensured that the project was delivered on time and in budget for the start of the new term.



GLASSDOR | Public sector application case study





STEEL PROFILE GLAZED DOOR



KNOWLE DGE

Based in Bristol, Knowle DGE Learning Centre is a vibrant and aspirational learning community for young people with additional educational needs. The ethos of the centre revealed within its name. Discovery, Guidance and Enjoyment.

Formerly known as the Florence Brown School, the centre moved to its current, purpose-built site in the summer of 2010. Constructed under Building Schools for the Future programme, the school typically has a roll of about 150 students who benefit from the high staff ratios and superb facilities.

Working with Gemsec, the Bristol based security specialists, Strongdor supplied products from both the Steeldor and Glassdor



ranges. Installed across the site in a recent refurbishment, the doors had been chosen for their durability in what can be a high traffic, demanding environment.

Operating within the narrow time-frame of the summer break, it was essential that the doors where made and delivered on schedule and, importantly for the public sector, within budget.

ACOUSTIDOR | Faith sector application case study





When the last remaining building of Birmingham's first gas works was bought by the Church of England, they were aware that, when newly constructed in 1818, its main function was the supply of gas to illuminate the dark streets. Now redeveloped into a vibrant church named St. Lukes, Gas Street it offers a different kind of light to the people of the city.

In its new role, the former Gas Retort House now has a growing congregation of over 300, mainly comprising of young people and students, who are led by The Revd. Tim Hughes, his wife Rachel and a dynamic team who are committed to making positive impact on Broad Street and the wider area

This unique building, with a striking curved roof, supported by cast iron trusses and wrought iron rods, makes its own impact on the surroundings. With lightweight, reversible interior structures. the redevelopment of the site

ACOUSTICALLY RATED STEEL DOOR

ST. LUKE'S

is sympathetic to the buildings industrial architecture.

Strongdor worked with local contractors COS Shopfronts, supplying the project with three Acoustidor single fire exit doors. Acoustically rated to 42dB, these doors also included security astragals and low profile DDA approved

thresholds. The black powder coating, complementing the existing substantial iron work

The old gas streetlights may have long been extinguished, but with a new community and purpose, the future is looking bright for St Lukes.





Following quality and pricing, the questions most regularly asked of our sales team concern the product guarantees on our steel doors.

The frequency of these enquiries prompted us to look at the whole customer service side of our operation.

With more changes to come in after sales care in the near future, we decided that the most pressing need was the clarification and publication of our guarantee.

For the first time, our revised five year guarantee is published here. We hope that it will give you increased confidence when you order a steel door from us, but if you have any specific enquiries, then we would be pleased to hear from you.

...when we do, we construct more than steel doors, we build your confidence in our product and services and increase the chances that you will tell others about us and buy from us again (and again).

At the same time, we recognise that, despite all the best efforts, sometimes things do go wrong and when that happens it is in everyone's best interest to reach a satisfactory resolution to the problem as quickly as possible with a minimum amount of fuss. Part of that resolution is an understanding, in simple terms, of what you can expect from the Strongdor Guarantee.

WHAT DOES A STRONGDOR GUARANTEE COVER?

Our guarantee covers the repair or replacement (at our discretion) of your door if it is found to be defective due to faulty materials or workmanship within the guarantee period. If any part is no longer available, we will replace it with a functional replacement part.

WHAT ISN'T COVERED BY THE GUARANTEE?

All our doors are engineered and constructed for continual high performance. If it is being used for the purpose and frequency for which it was designed and develops a fault within the guarantee period, it's our responsibility to repair or replace it.

There are, however, some circumstances in which a guarantee doesn't cover the repair or replacement of a door. These instances are not hidden in the small print.

HERE'S WHAT IS NOT COVERED:

- Any door set with an incomplete or missing maintenance report.
- Normal wear and tear, including parts that might wear out over time.
- Anti-rust warranty in a saline environment unless finished to marine grade.

ACCIDENTAL DAMAGE

- Damage caused by improper fitting or fitting not in accordance with our recommended quidelines.
- Damage as a result of use not in accordance with the original specification.
- Damage caused by not carrying out the recommended routine maintenance.
- Damage from external sources such as transit and weather.
- Failures caused by circumstances outside of Strongdor's control.

FAULTS CAUSED BY:

- Negligent use, misuse, neglect or careless operation;
- Use which is not in accordance with the Operating Manual:

- Use of parts not assembled or installed in accordance with Strongdor's approval.
- Use of parts and accessories which are not approved by Strongdor
- ▼ Faulty assembly or installation.
- Repairs or alterations carried out by parties other than Strongdor or its authorised agents.

If you have any questions about what a Strongdor guarantee covers, we'll be happy to help. You can call us on 01524 727000.

WHAT ARE THE TERMS AND CONDITIONS OF THE GUARANTEE?

The terms and conditions of this guarantee are as follows:

- The guarantee becomes effective at the date of registration of the door. Doors must be registered within 6 weeks of dispatch from Strongdor.
- Doors must be maintained in accordance with the instruction manual and all maintenance records kept.
- You must provide proof of purchase before any work can be carried out on your door under the quarantee.
- ✓ Please note that without this proof any work carried out will be chargeable. Please keep your purchase receipt or delivery note.
- All work will be carried out by Strongdor Limited or its authorised agents.

- Any parts which are replaced will become the property of Strongdor Limited.
- The repair or replacement of your door under guarantee will not extend the period of the guarantee.
- The guarantee provides benefits which are additional to and do not affect your statutory rights as a consumer.

If you have any questions, you can call us on 01524 727000.

WHEN DOES THE GUARANTEE BECOME EFFECTIVE?

The guarantee becomes effective from the date of registration. You can register your door here:

www.strongdor.com/customer-services/ product-registration/

WHERE IS THE GUARANTEE VALID?

The guarantees cover normal usage of your door in the United Kingdom. If you need any advice, please call us on 01524 727000.

IS THIS GUARANTEE TRANSFERABLE?

Guarantees are transferable with the door, provided the original proof of purchase is supplied, together with evidence of any change of ownership of the door, confirming that the door was in good working order when the change of ownership took place.





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Oakwood Way, Carnforth Business Park, Carnforth LA5 9FD

т. **01524 487740** г. 01524 812222

E. sales@strongdor.com

www.strongdor.com

