



QUALITY COUNTS

Our five year guarantee
makes perfect sense

SEE
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DOOR *book*

APRIL TO JUNE 2016

STEEL DOOR COMPENDIUM

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





About us

At Strongdor, we believe that the key to success is ensuring that the highest quality is achieved at every stage of the manufacturing process. A combination of skilled and accomplished craftspeople working in a custom built, state-of-the-art, clean facility, enables us to produce doors to an exacting standard time after time.

All our door making processes are individually scrutinised. From welding, and polyester powder coating, to assembly and packing. Each door is checked at every stage. When complete, they are individually shrink wrapped and stacked on bespoke pallets ready for delivery to you, on time, in budget and in perfect condition.

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   sales@strongdor.com www.strongdor.com

STRONGDOR LIMITED

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Opening Hours

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



As you will see in the News Section on pages 2 to 9, it has been a busy time here at the Strongdor Head Office in Carnforth. There is so much to say, but this issue of the Doorbook has to start with a big word of thanks to all those who took the time to complete the on-line form for the Pure Gold Pen Promotion in the last issue - we are very grateful. You can find the survey results and list of winners overleaf.

What the feedback highlighted for us was something we had long suspected, without being able to quantify. That our clients place more value on quality than price.

Many of you already know that our doors may not be the cheapest on the market, but they do offer genuine value. You told us that, because they are easy to fit, they save time and money on site and once fitted, you have more confidence in the standard of finish, quality of door furniture and long term performance. In short, you trust Strongdor.

That trust is most evidenced in our buzzing workshop, which has been expanded and re-ordered to meet extra demand. It's an exciting time as the Research and Development Team investigate new products and machinery to increase turnaround without compromising our own high standards.

Simon King
MARKETING MANAGER



STRONGDOR

THE BIM OBJECTIVE

There has been a lot said about Building Information Modelling (BIM) and, as the Governments deadline for BIM level 2 implementation looms, sorting the wheat from the chaff is becoming an important item on the agenda for all construction professionals.

Strongdor is no different and, in the coming months, we are committing to working alongside RIBA (and the NBS National BIM Library) to get our most popular range of door sets BIM ready. In doing so, we acknowledge that BIM will become increasingly important in the future.

What BIM offers to our customers in terms of simplifying specification, saving time and money on-site and unravelling the knotted tangle of building maintenance management, is firmly aligned with our company vision.

We will keep you updated with our progress and make those models and documentation available to download as they come online.



The Pure Gold Promotion Draw took place on Monday 14th March and the lucky winners of the 10 Parker Sonnet Ballpoint Pens were:

Colin Knight, Plymouth | **Neil Revell, Middlesbrough** | **James Lavis, Marlborough** | **Tom Kingdom, London** | **John O'Kane, Harrow** | **Oliver Nuttall, Poole** | **Liam Hadley, Cardiff** | **Paul Foxton, Middlesbrough** | **Ismail Rawat, Preston** | **Kevin Kendal, Gloucester.**

Congratulations to you and thank you to everyone who took part. There are more draws and give-aways planned, so for those who didn't win, maybe you will be lucky next time.

Pure gold - what you told us

The draw was intentionally designed to obtain feedback on our doors and service and your comments definitely gave us food for thought (three bright little pigs managed to fill in the online form - they wanted steel doors to keep the big bad wolf at bay).

These figures show what percentage of responders thought were the most important considerations when specifying or purchasing steel doors:

Quality **33.3%** | Price **28%** | Security **26.6%**
Specification **15%** | Fast Turnaround **12%**
Aesthetics **11%** | Reliability **10%** | Certification **2%**
Ease of fitting **2%** | Sustainability **1%**

Of course we like to think that this response is a vindication of what we consider to be our strength, but we also know that we can't afford to be complacent and will be looking very carefully at your recommendations for future improvements and features.

It has been said that the three most important factors to take into consideration when buying a new property are location! Location! Location! With this advice ringing in our ears, we undertook the perilous journey south.

TALES from the City

Gateway to the beauty of the Lake District and a short hop from the historic city of Lancaster, we love our Camforth home. On the days that you can see the white tops of the Cumbria fells, there is also a reminder of its distance from London's glass peaks.

So while we can't move the mountains, we can move our steel doors and we are excited to announce that in collaboration with our sister company Havwoods, we will be opening a showroom in the equally lovely Clerkenwell.

We hope that this new London base will give us more opportunities to get to know more about you and for you to get to know us and our doors. At the time of going to press, some of the details are sketchy, but we will keep you informed with developments as they happen.



STRONGDOR: SECURED BY DESIGN

A POLICEMAN'S LOT

It is a sad fact that burglary is one of the most common types of crime. According to Victim Support, around half a million burglaries take place in England and Wales each year. Thankfully, in recent years, instances have been decreasing, but burglary still remains a serious and very common crime that affects huge numbers of people.

In West Yorkshire research demonstrated Secured by Design award newly built developments are up to 75% less likely to experience crime.

In Glasgow, research demonstrated Secured by Design refurbished developments are up to 63% less likely to experience crime.

The principles of Secured by Design have been proven to reduce the risk of crime and the fear of crime.

Secured by Design is the only form of Police approval for products in the UK



It was sobering crime statistics like these that set Strongdor off on the route to certification. We had long known our doors offered enhanced protection, but lacked the evidence to prove just how secure they were.

Now we are pleased to announce that our Securedor single doorset has achieved the coveted Secured by Design status.

Secured by Design is a flagship UK police initiative to help 'design out' crime through the use of high-quality innovative products and processes. It seeks to inspire engineers and product designers to put crime prevention right at the heart of their development process.

In order to achieve the Secured by Design designation, our door set had to undergo and pass the organisations tough testing programme. A process made more tricky by our inclusion of vision panels and louvres. All our door configurations exceeded the test criteria.

This year we are hoping to get more of our products through the certification process. So while, according to the song, the felon may take time away from their employment, Strongdor won't rest in bringing forward some redundancies in their profession.



We all know that coughs and sneezes spread diseases and, for most of us, trying to avoid the latest office bug is an occupational hazard. The cost of failure could be a desk full of tissues and potions or much worse, a couple of days watching daytime TV.

By contrast, there are those whose exacting professions demand zero tolerance to any contamination whatever. For them, cleanrooms aren't an option but are essential to their processes.

Connect 2 Cleanrooms create classified environments to protect processes from harmful airborne contamination - reducing failure rates and helping organisations get it right first time.

All of their cleanrooms are modular in design, which means they can manufacture a cleanroom of a few square meters, to a hundred square meters - and can install them on and around existing machinery. These freestanding structures can withstand the high volume of airflow required to achieve ultra clean environments.

The modular cleanrooms are used in mission critical environments across sectors such as manufacturing, pharmaceutical, energy, healthcare and electronics.

The requirements of these environments do not happen by chance, but are a result of specific and precise expertise, rigorous testing and meticulous, methodical construction. Proof of Connect 2 Cleanrooms competence in cleanroom solutions is evidenced by their remarkable growth.

Modular and flexible, the systems are constructed to ISO 14644-1 standards using powder coated or stainless steel frames. The preferred options for steel doors are specified, with a variety of different hardware and vision panel options, from the Steeldor range, a tried and tested solution.

In the cutting edge industries that these cleanrooms serve, it's hard to predict what changes or demands lay around the corner. All that we can say with certainty is that we will be listening very carefully to Connect 2 Cleanrooms requirement so that we can develop our future together.



At Strongdor we like to think that we do more than simply sell steel doors. Ultimately we know that the best service always begins with understanding need.

a clean
Connection
working with



www.connect2cleanrooms.com

THE STRONGDOR 5 YEAR Guarantee

At Strongdor we strive to get it right...

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.

ACCIDENTAL DAMAGE

- ✗ Damage caused by improper fitting or fitting not in accordance with our recommended guidelines.
- ✗ 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 delivery of your door.
- ✓ You must provide proof of purchase before any work can be carried out on your door under the guarantee.
- ✓ 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 on the delivery date.

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.

STRONGDOR PRODUCT RANGE
AT A GLANCE

	Fastdor	Steeldor	Firedor	Glazedor	Acoustidor		Ballistidor	Securidor	Blastdor	ATEXdor	Gasdor	Louvidor
Description	Steel door from stock	Steel security door	Steel fire door	Steel profile glazed door	Acoustically rated door		Bullet resistant door	Security rated door	Explosion resistant door	Suitable for ATEX environment	Gas tight door	Louvre doors, panels and walls
Max Size - Single	1000mm x 2100mm	1400mm x 3000mm	1400mm x 3000mm	1500mm x 3000mm	1435mm x 3010mm		1435mm x 3010mm	1435mm x 3010mm	1435mm x 3010mm	1435mm x 3010mm	1200mm x 3010mm	Please Enquire
Max Size - Double		2800mm x 3000mm	2800mm x 3000mm	2900mm x 3000mm	2905mm x 3010mm		2905mm x 3010mm	2905mm x 3010mm	2905mm x 3010mm	2905mm x 3010mm	2400mm x 3010mm	Please Enquire
Primary Certification		BS EN 14351 - A1 2010	EN6134 - 1 2008 240 min		Rw56db - EN-ISO 140-3		Class FB4 - EN1522-1	RC1 - 3 / PAS 24	0.1 to 2 Bar - FM Tested	ATEX 137 (1999/92/EC)	NEN - EN 12207 Class 4	
PAS 24		✓ Available	✓ Available					✓ Available				✓ Available
PAS 23		✓ Available	✓ Available					✓ Available				
Marine Grade C5 coating		✓ Available	✓ Available		✓ Available		✓ Available	✓ Available	✓ Available	✓ Available	✓ Available	✓ Available
Louvre Panels		✓ Available	✓ Available		✓ Available			✓ Available				✓ Available
Fully Glazed				✓ Available	✓ Available			✓ Available				
Vision Panels		✓ Available	✓ Available		✓ Available			✓ Available				
Glazed Walls				✓ Available								
Glazed over/side Panels		✓ Available	✓ Available	✓ Available	✓ Over Panels							
Solid over / side Panels		✓ Available	✓ Available	✓ Available	✓ Over Panels							
Fastrack delivery	✓ Available	✓ Available	✓ Available					✓ Available				
Fire Rating			✓ Available	✓ Available	✓ Available		✓ Available	✓ Available	✓ Available	✓ Available	✓ Available	✓ Available
Smoke Resistance			✓ Available	✓ Available								
Acoustic Rating					✓ Available		✓ Available	✓ Available	✓ Available	✓ Available	✓ Available	✓ Available
Ballistic Rated					✓ Available		✓ Available	✓ Available	✓ Available	✓ Available	✓ Available	
Security Rated			✓ Available	✓ Available	✓ Available		✓ Available	✓ Available	✓ Available	✓ Available	✓ Available	✓ Available
Blast Rated					✓ Available		✓ Available	✓ Available	✓ Available	✓ Available	✓ Available	
Range of Hardware		✓ Available	✓ Available	✓ Available	✓ Available		✓ Available	✓ Available	✓ Available	✓ Available	✓ Available	✓ Available
Low U Value ≤2	✓ Available	✓ Available	✓ Available		✓ Available		✓ Available	✓ Available	✓ Available	✓ Available	✓ Available	
Anti Bacterial Coating		✓ Available	✓ Available		✓ Available		✓ Available	✓ Available	✓ Available	✓ Available	✓ Available	✓ Available
Anti Graffiti Coating		✓ Available	✓ Available		✓ Available		✓ Available	✓ Available	✓ Available	✓ Available	✓ Available	✓ Available
Adjustable Side Frames		✓ Available	✓ Available									
Wood Cladding					✓ Available		✓ Available	✓ Available	✓ Available	✓ Available	✓ Available	
Wood Effect Print		✓ Available	✓ Available		✓ Available		✓ Available	✓ Available	✓ Available	✓ Available	✓ Available	
Air Permeability	✓ Available	✓ Available	✓ Available	✓ Available	✓ Available		✓ Available	✓ Available	✓ Available	✓ Available	✓ Available	
Water Resistance	✓ Available	✓ Available	✓ Available	✓ Available	✓ Available		✓ Available	✓ Available	✓ Available	✓ Available	✓ Available	
Resistance to Wind	✓ Available	✓ Available	✓ Available	✓ Available	✓ Available		✓ Available	✓ Available	✓ Available	✓ Available	✓ Available	



GETTING CONNECTED WITH STRONGDOR

- FACEBOOK**
www.facebook.com/strongdorlimited
- TWITTER**
www.twitter.com/StrongdorL
- INSTAGRAM**
www.instagram.com/strongdorlimited
- LINKEDIN**
www.linkedin.com/company/strongdor-limited
- PINTEREST**
www.uk.pinterest.com/strongdor

Keydor

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.

PAS 24		Fastrack delivery		Anti Bacterial Coating	
PAS 23		Fire Rating		Anti Graffiti Coating	
Marine Grade C5 coating		Smoke Resistance		Adjustable Side Frames	
Louvre Panels		Acoustic Rating		Wood Cladding	
Fully Glazed		Ballistic Rated		Wood Effect Print	
Vision Panels		Security Rated		Air Permeability	
Glazed Walls		Blast Rated		Water Resistance	
Glazed over / side Panels		Range of Hardware		Resistance to Wind	
Solid over / side Panels		Low U Value <2			

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Steel door from stock



Emergency exit and personnel
doors structural opening sizes
1000 x 2100mm



Security Astragal to three sides of the leaf
Heavy Duty Self-Closing Hinge
Anti-jemmy Studs
Low 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



Strongdor's Fastdor products are held in stock for immediate dispatch and in this instance, speed does not come at the expense of quality.

Fastdor's 63mm rockwool filled leaf gives excellent strength, durability and thermal properties. Available as emergency exit and personnel doors, it also has an excellent U-value of 1.4 as well as an integrated rubber seal to all four sides of the frame.

Manufactured in Europe, Fastdor also has a unique hinge arrangement, consisting of an inbuilt automatic and adjustable closing system, which gives these doors the edge on quality, durability and price without compromise.

All Fastdor fire exits come supplied with a Briton 378 panic latch for renowned quality and peace of mind. Fastdor is stocked in RAL 7035 Light Grey.



Steel security door

Steel*dor*

Maximum size single door set
1400 x 3000mm

Maximum size double door set
2800mm x 3000mm



The Steeldor range is Strongdor's flagship product and comes custom made to your exact requirement.

With PAS 24 security and PAS 23 weather test ratings and superior security features, even in its most basic specification, Steeldor is a formidable product. Add to that a host of compatible features and options that are available on request, it becomes easy to understand why we supply so many.

Popular with contractors and specifiers alike, these easy to install, versatile high-tensile steel security doors come with a complete installation kit.

Please ask us about the fully adjustable frame, which is available on certain products in this range. It ensures a perfect fit with a minimum use of sealant, even on uneven brickwork. Saving time, frustration and money on site.



Steeldor is supplied in a high quality finish powder coating to ensure maximum durability. A full range of RAL and BS colours are available, including metallics and pearlescents at extra cost. Strongdor are an approved C5 marine grade specialist, providing unmatched corrosion resistance in doors supplied to

highly corrosive and saline environments.

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.





Many products in the Steeldor range are fully tested and rated to protect from unwelcome intruders and the worst of the elements.

For security most door sets are tested to PAS 24. For air permeability, the standard is EN1026:2000 and was passed class 4 – 600Pa (113kmh) test pressure. For weather-tightness, the standard is BS 6375: Part 1: 2009 (test to EN1026:2000, EN1027:2000, EN12211:2000) and Steeldor passed the 1200 exposure rating. For water-tightness, the standard EN1027:2000 was passed 150Pa for outward opening and 100Pa for inward opening. For wind load the EN12211:2000 standard was passed 1200Pa (Class A3) 98 mph.



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.*
42mm thick 'Hexatex' core.*
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 jamb.*
Unique 'Adjust-2-fit' side channels with each frame.*
Double rebate frames are available on request.
3 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.

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.

FINISH

Comes as standard in a powder coated finish in one of our standard colours.
Full range of RAL 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 opening threshold available where water ingress is an issue on inward opening doors.

SEALS

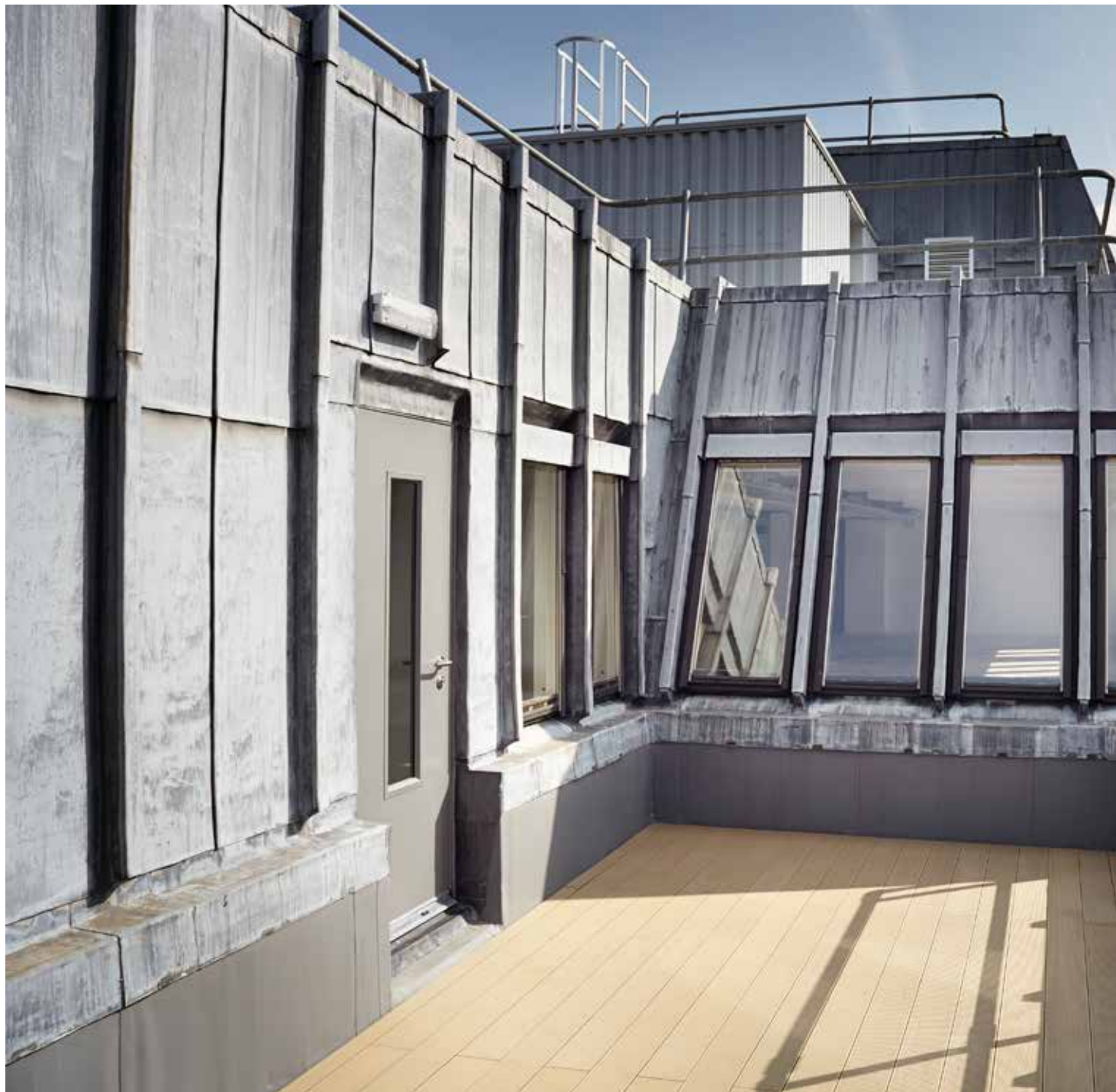
Strongdor self adhesive P-seal provided as standard.

SIDE PANELS & OVER PANELS (Optional)

Solid, Glazed and Louvred side and over panels available.

* Available on most doorsets in the range.





Steel fire door



Maximum size single door set
1400 x 3000mm

Maximum size double door set
2800mm x 3000mm



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 certified, 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.

Fully bespoke, Firedor can be made to your exact requirement and has superior security features such as Astragal and dog bolt hinges. Its 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.



TECH
SPECS

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 tip.*
A minimum of six fully adjustable fixing points are provided to each jamb.*
Unique 'Adjust-2-fit' side channels with each frame.*
Double rebate frames are available on request.
3 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.

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

SEALS

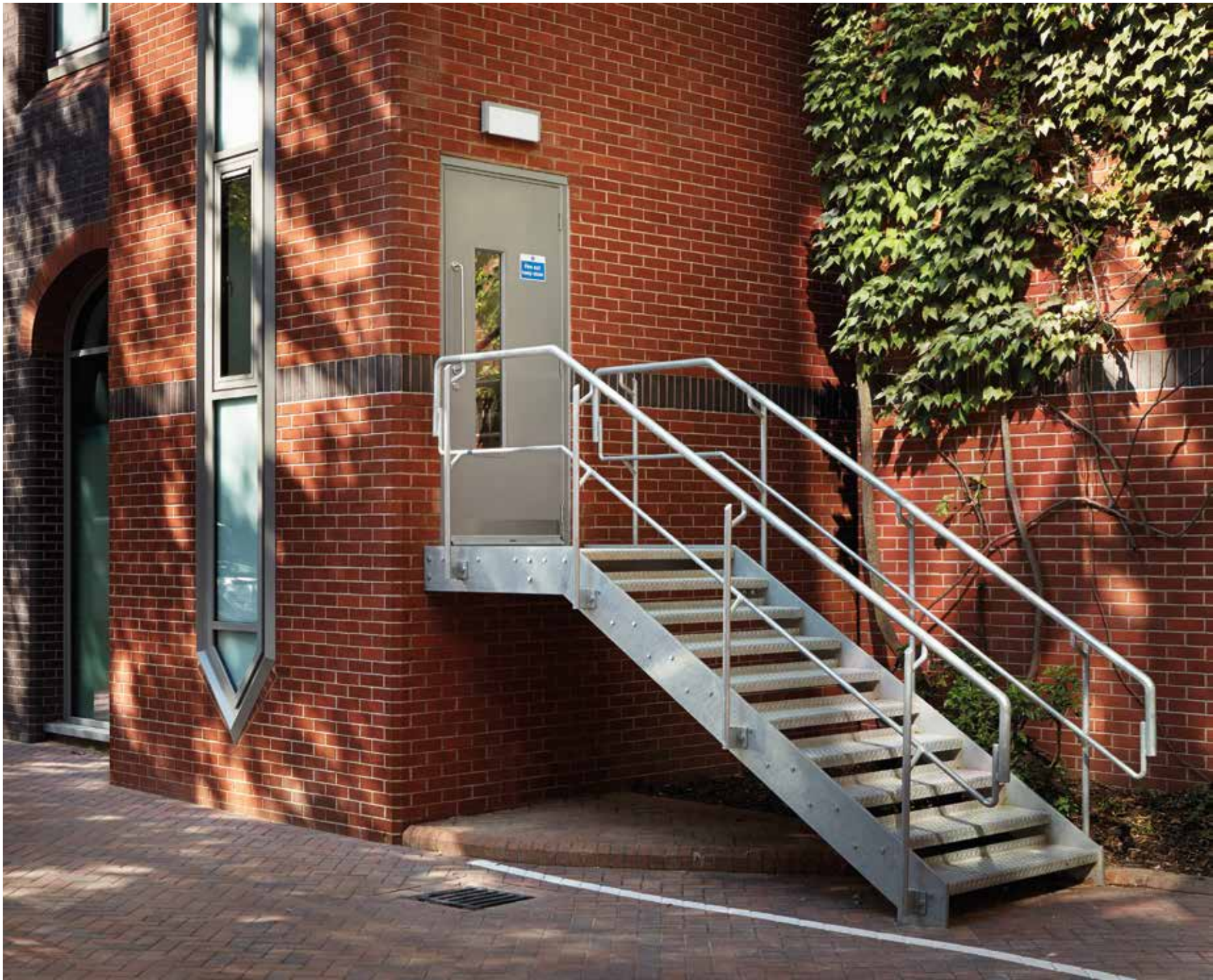
Strongdor self adhesive P-seal provided as standard.

SIDE PANELS & OVER PANELS (Optional)

Solid, Glazed and Louvred side and over panels available.

Supplied in a high quality finish powder coating to ensure maximum durability. Firedor is available in a full range of RAL and BS colours, including metallics and pearlescents at extra cost. 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 doorset.





Steel profile glazed door



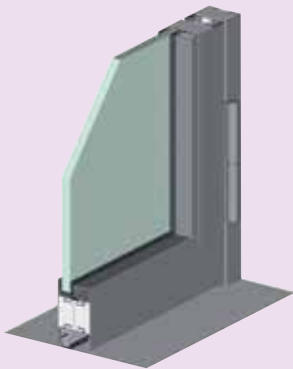
Maximum size single door set
1500 x 3000mm

Maximum size double door set
2900mm x 3000mm



Choosing the right door for a showroom or a business facade can be an exacting process. Balancing the need to show off the building, and contents, to their best advantage with the demands of what is likely to be a high traffic area. The same showcase doors will need to be simultaneously attractive, durable, easy to maintain while having a prolonged lifespan.

With its sleek lines, the Glazedor 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.



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



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

For extra peace of mind, Glazedor can be security rated to RC3 and 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.



Acoustically rated door

Acousti*dor*

Maximum size single door set
1435 x 3010mm

Maximum size double door set
2905mm x 3010mm



When it comes to noise control Acoustidor leads the way. Whether you are looking to keep sound out, or stop it escaping, with certified noise reduction from 41db to 56db you can be assured that whatever acoustic challenge you are faced with, there is a solution to meet your needs.

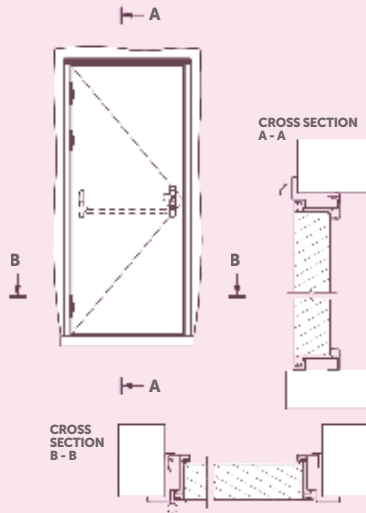
Recording studios, generator rooms, cinemas or nightclubs. Wherever there is excessive noise being created in close proximity to noise sensitive locations. Acoustidor is the perfect solution to noise control challenges.

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.



TECH SPECS



CERTIFICATION

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

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

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.

DIMENSIONS

Door thickness **75mm**

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

Single

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

Double

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.

COLOUR

Choose from stainless steel or powder coated to any RAL colour.

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.



Powder coated to any RAL 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.

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.



Bullet resistant door

Ballistidor

Maximum size single door set
1435 x 3010mm

Maximum size double door set
2905mm x 3010mm



Exclusively supplied by Strongdor, to our best knowledge, Ballistidor is currently the only doorset 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.



Choose from aluminium or powder coated to any RAL 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

Door thickness = 75 or 100 mm.
Every door is bespoke, the dimensions can be adapted within the limits to suit the construction requirements exactly.
Single Max. width = 1435mm
Max. height = 3010mm.
Double Max. width = 2905 mm
Max. height = 3010 mm.

BALLISTIC RESISTANCE

The ballistic resistance has been tested in accordance with the EN 1522-1 class FB4 NS standard, area 1. Weld resistance tested to CE EN 1435 1-1.
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)
Complete ballistic resistance with the potential for ricochet coverage and excellent sound insulation and fire resistance.

COMPOSITION

Ballistidor is double-walled and cast in electrolytic galvanised steel sheets in various thickness's.

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 RAL colour of your choice.

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 locks

SOUND INSULATION
Rw = 56dB (EN - ISO 140 -3)

BURGLAR PROOFING
RC2 AND RC3 (EN 1627)

FIRE RESISTANCE
30 - 60 (EN 1634 -1)

ESCAPE
EN 179 / EN 1125





Security rated door

Securidor

Maximum size single door set
1250 x 2420mm

Maximum size double door set
2500mm x 2420mm



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 3rd party and certified to an internationally recognised standard.

Securidor offers just 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 RAL colours.



TECH SPECS

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.

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).

COMPOSITION

Securidor doors (with or without anti-panic 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 robust hinge structure.

FINISHING

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

FITTINGS

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.





Explosion
resistant
door



Maximum size single door set
900 x 2100mm

Maximum size double door set
1800mm x 2100mm



FIRE RATING 2 Hours	WEIGHT Single Door 175Kg Double Door 315Kg
DOOR LEAF PLATE THICKNESS 2mm	SOUND REDUCTION Rw 37-45dB
DOOR LEAF TOTAL THICKNESS 80mm thickness	GAS TIGHTNESS 0.07m³/m² h @50Pa
FRAME 4mm	THERMAL INSULATION U = 0.8 W / m²K
HINGES Continuous Hinge	CLEAR OPENING Single door 900 x 2100 Double door 1800 x 2100
LATCH 1 Point	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 door-sets, Blastdor is reinforced for a continuous hinge, door closer and an optional panic bar.



Suitable for
ATEX environments

ATEX*dor*

Maximum size single door set
3010 x 1435mm

Maximum size double door set
3010mm x 2905mm

**TECH
SPECS**

DIMENSIONS

Thickness: 75 or 100 mm
Every door is bespoke, dimensions can be adapted within the limits to suit construction requirements.

STANDARD SIZES

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

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

Other dimensions available on request

**READY-TO-USE
DOCUMENTATION**

In accordance with European Directive ATEX 137 (1999/92/EC), employers who deal with potentially explosive atmospheres are responsible for the reduction

of potential ignition sources. Under the Directive it is also mandatory for employers to create an explosion safety document (ESD). ATEXDor is supplied with documentation for creating explosion safety documents, making the ATEX evaluation of the doors in your building clear and complete.

COMPOSITION

ATEXdor is double-walled and cast in electrolytic galvanised steel sheets in various thickness's. The interior of the door contains insulation appropriate for the door's specific application. The doors are made with electrolytic galvanised steel sheeting, and are supplied complete with frame (made of 2mm sheeting).



Explosive and hazardous environments require steel doors that contain no inherent sources of ignition. ATEXdor by Strongdor meets that need. It is developed and designed to eliminate inherent ignition sources, such as electrostatic discharge, and impact or friction sparks, due to contact with materials on the ground. ATEXdor also serves as a barrier against the spread of explosive atmospheres and is very suitable for the effective division of hazardous zones. It is ideal for use in all industries where hazardous, explosive atmospheres occur.

ATEXdor can be finished in any RAL colour and, for your peace of mind, it comes with a 5 year construction warranty. Versatile, it can be combined with many other properties, such as acoustic rating, burglar resistance or fire rating, to match you exact requirements.



Gas tight door



Maximum size single door set
3010mm x 1200mm

Maximum size double door set
3010mm x 2400mm



DIMENSIONS

Door thickness: 75mm.
Every door is bespoke, dimensions can be adapted within the limits to suit construction requirements.

Single min. width 500mm
max. width 1200mm
max. height 3010mm

Double max. width 2400mm
max. height 3010mm

Other dimensions available on request. Also available as a hatch.

CONFORMITY

Gasdor conforms to: Class 4 under NEN - EN 12207 | Class A1 / A2 under NEN- EN 12152

FINISHING

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

MODELS

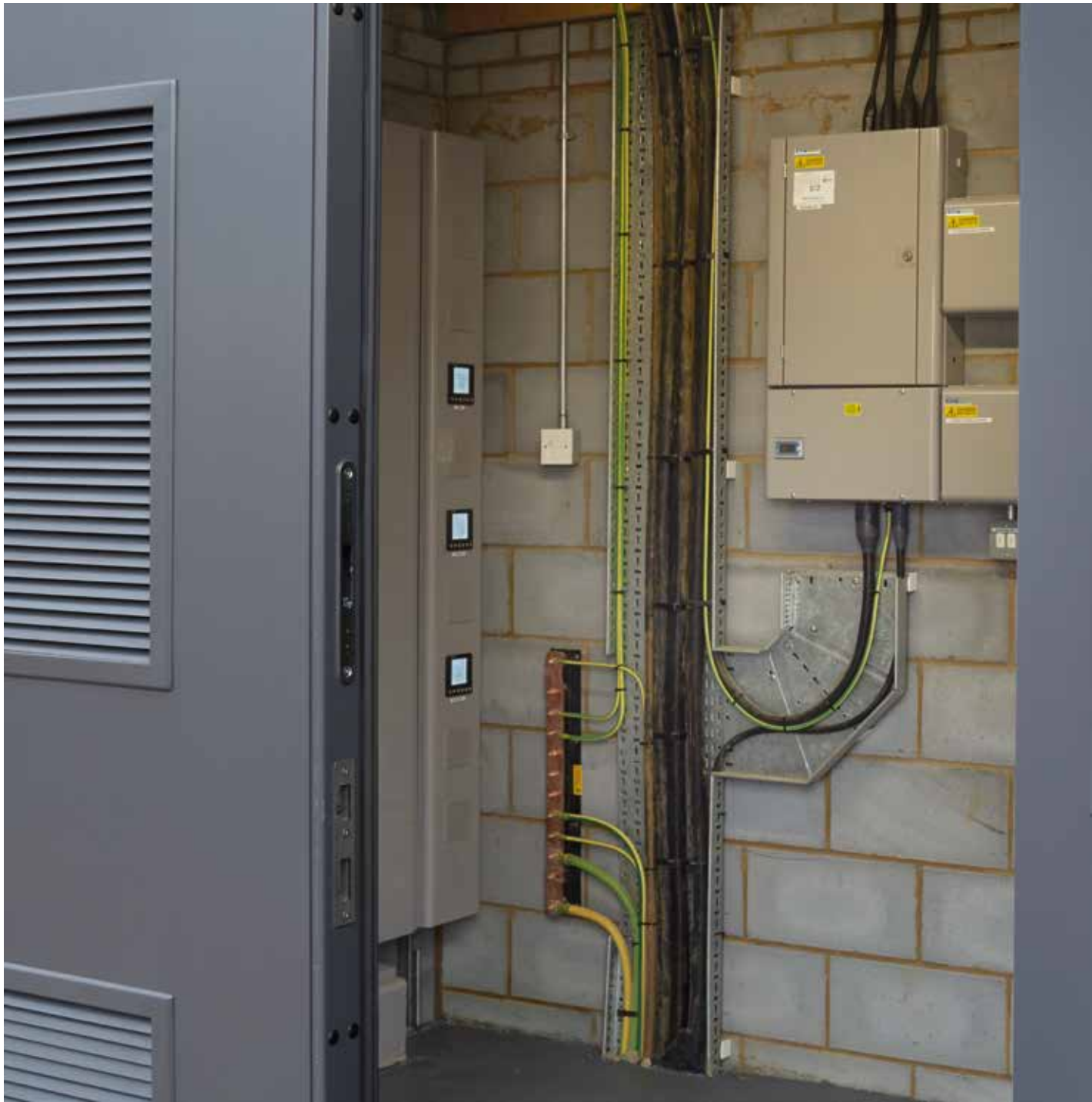
Gasdor is available as single or double-doors, with or without an intermediate stile. Doors can be made either left or right swinging. Other options on request.

Gasdor is your solution to air-tight and gas-tight doors, that are ideally suited to locations where people or products require protection from gases, or the air such as storage areas, machine rooms, filer house and unit air conditioners. Every door produced is customer specific; the dimensions can be adapted within the limits to suit the construction requirements exactly. These doors conform to CE - NEN 14351-1, NEN – EN12207 and Class A1/A2 under NEN – EN12152. Also available with an acoustic rating of up to 56dB and fire resistance EN 1634-1 of either 30 or 60 minutes.

Type	Allowable Pressure in closing direction	Air Leakage
Gasdor 01	1000Pa	4m³/h
Gasdor 05	5000Pa	5m³/h
Gasdor 10	10000Pa	6m³/h

*maximum allowable pressure in the opening direction is 1000Pa





Louvre doors, panels and walls

Louvidor



TECH SPECS	
MATERIAL 18GA. Galvanised Steel - Frame. 22GA. Galvanised Steel - Louvre Blades.	DIMENSIONS Door thickness - to suit 44-46mm thick metal doors.
FINISH Powder coat to suit door or other finishes available to order, including Grade 304 and Grade 316 stainless steel.	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).

The Louvidor range including doors and panels are the essential solution where security is critical and airflow is essential. 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. For the first time, our new fully louvred door have passed the PAS 24 standard, offering you complete peace of mind.





CASE STUDIES



STEELDOR RETAIL APPLICATION

BLUE CROSS

CUSTOM MADE STEEL DOORS

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 its 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

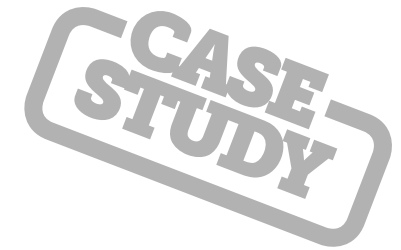


and supply of Steeldor in various configurations for use across the site.

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.

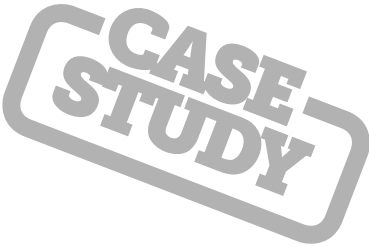




STEELDOR RETAIL APPLICATION

BLACKPOOL

CUSTOM MADE STEEL DOORS



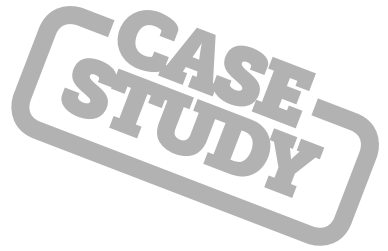
This recent conversion from a well known Blackpool arcade into public house is a success story that bears all the hallmarks of the owner's astute buying, pricing, high turnover and excellent brand awareness.

From the beginning of the project, Strongdor worked closely with the architects being involved with design, selection, supply and fitting of the best



steel doors for the unusual and striking roof terrace restaurant.

As crisp as the white building that surrounds it, the stunning conversion makes use of the Steeldor range which is manufactured to be equally as tough as it is visually appealing. More than a match for the demands of this extremely busy tourist town.



FIREDOR PUBLIC SECTOR APPLICATION

THORNLEIGH

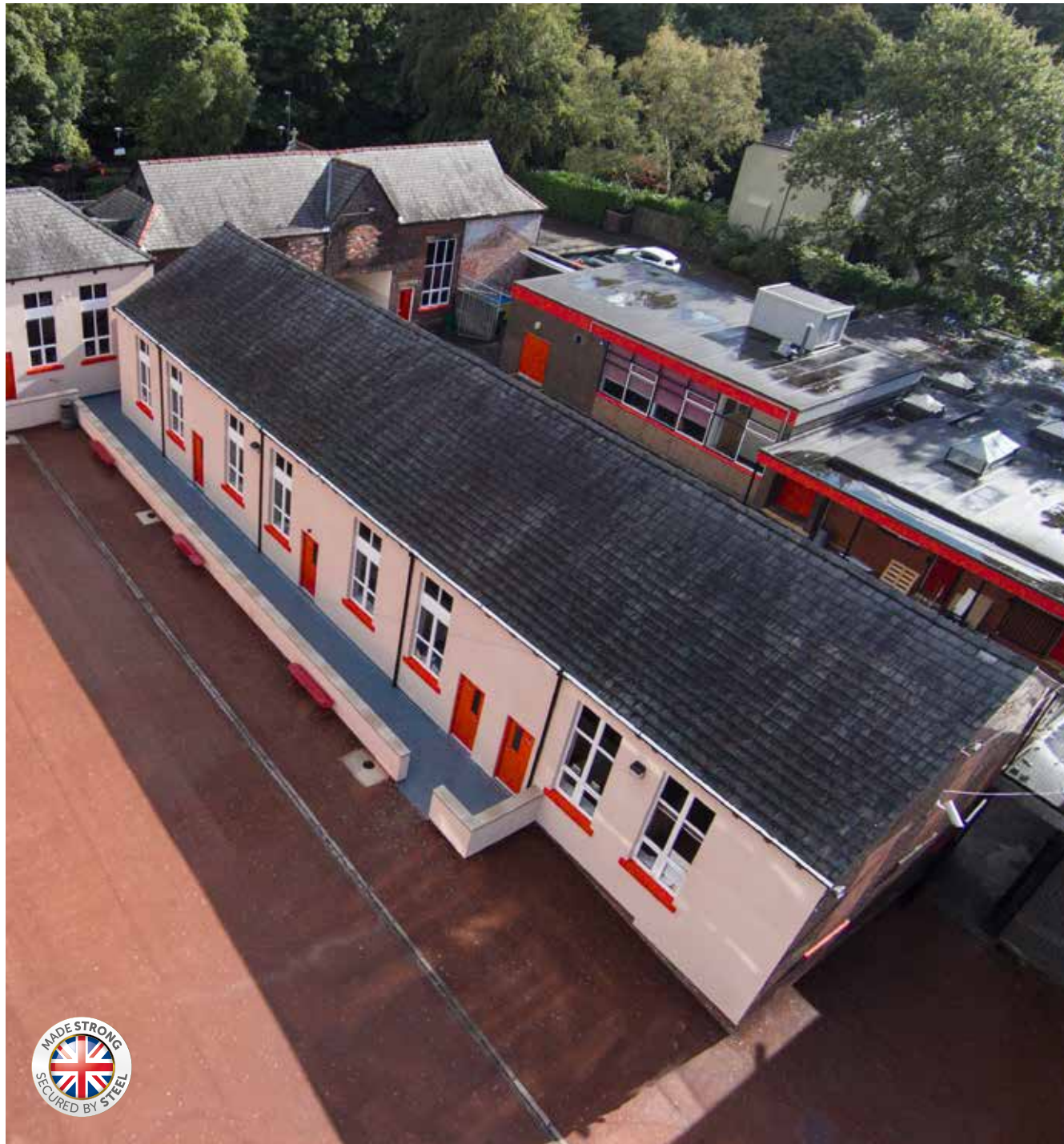
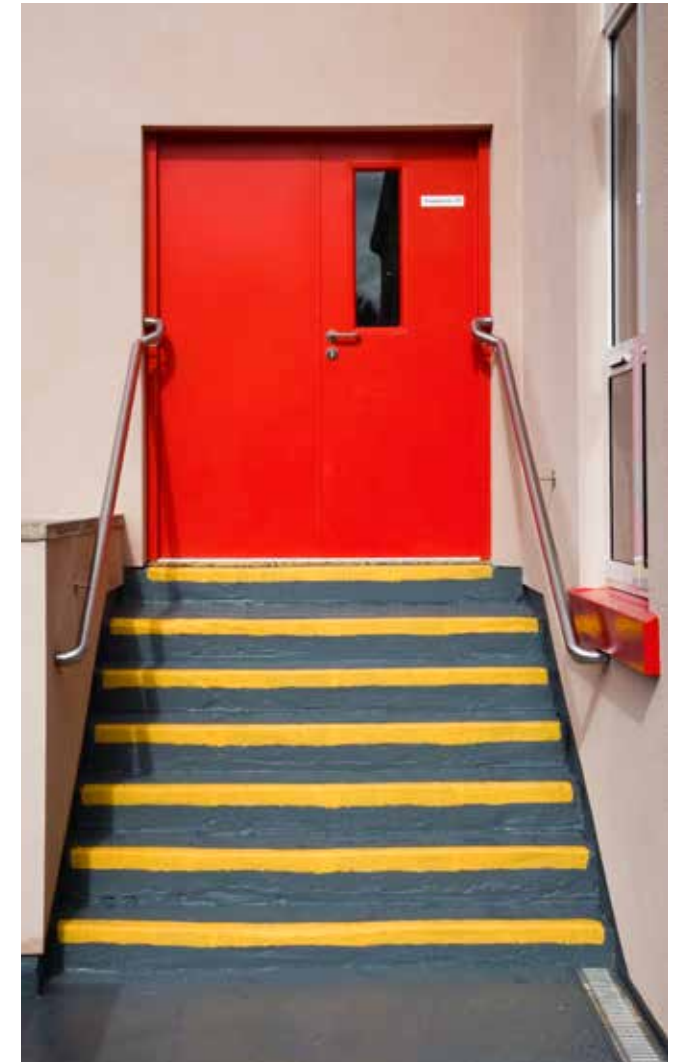
FOUR HOUR FIRE-RATED STEEL DOORS



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, with 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.

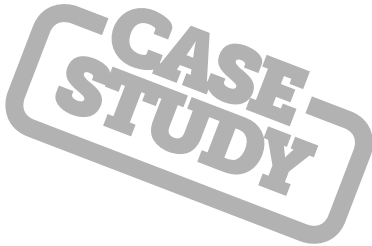




GLAZEDOR COMMERCIAL APPLICATION

STRONGDOR

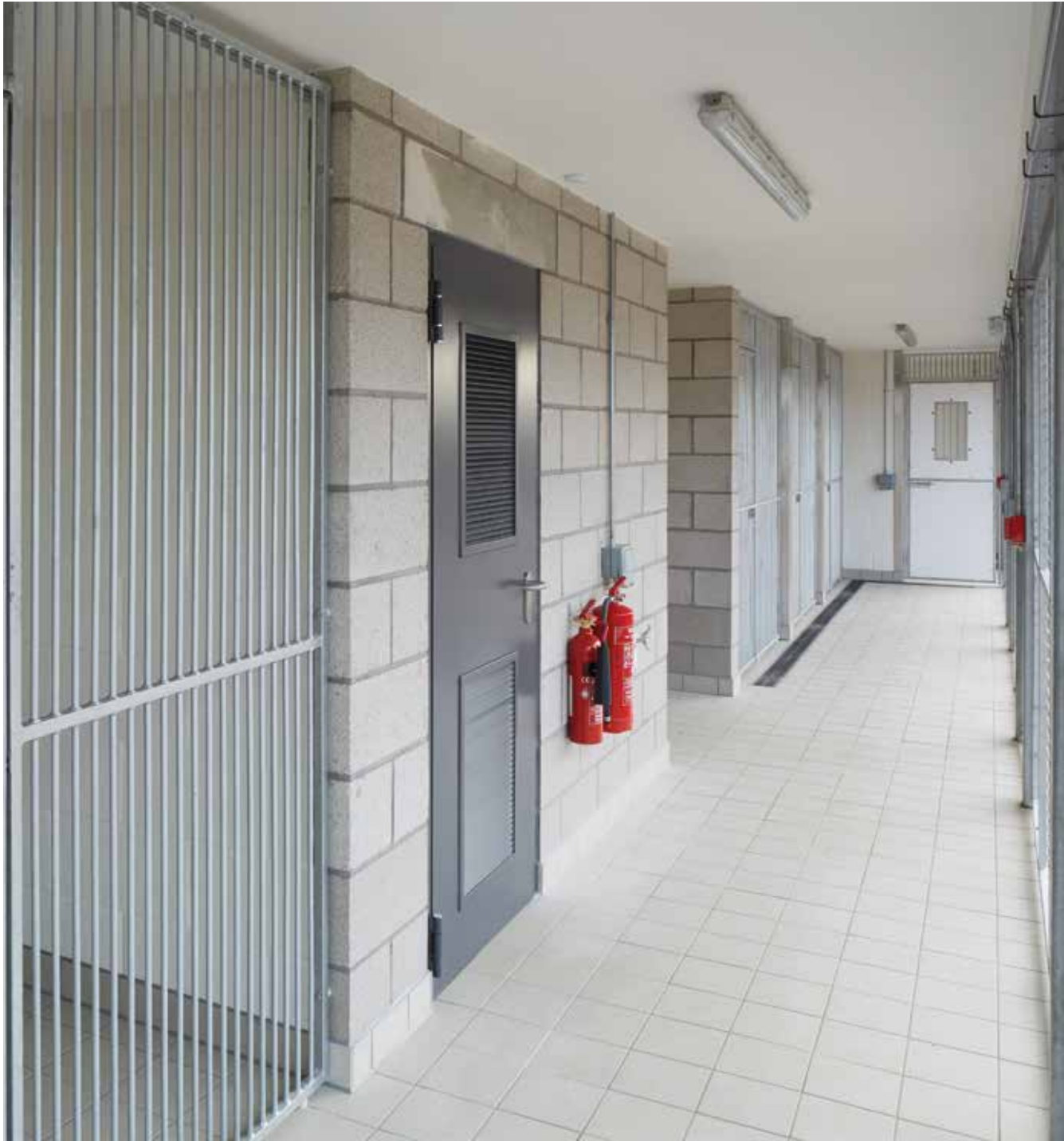
STEEL GLAZED PROFILE DOORS



As leading manufacturers and stockists of steel doors we are only too aware that for our own front door, we had to get it right.

First impressions are essential, and we knew that all our visitors had to be assured of our commitment to style, quality and high standards even before stepping over the threshold.

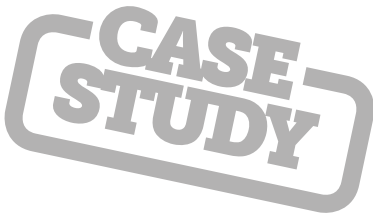
So we chose our own Glazedor product for the head office entrance. It not only helped to set the perfect tone for our guests and employees, but it gives us the sort of resilience needed for this high traffic area.



LOUVIDOR COMMERCIAL APPLICATION

BLUE CROSS

LOUVRE PANELS AND WALLS



Strongdor louvre doors and panels are the essential solution where security is critical and airflow is essential. 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 standards of quality and service which Strongdor has now set as the industry benchmark, these products will allow 50% airflow through any given panel size. This enables airflow to be controlled into plant rooms, bin stores and more.

All sizes and colours are available and are fully compatible with the Strongdor Steeldor and Securidor ranges.

Versatile, aesthetically pleasing and easily adapted into the design vernacular, Strongdor louvred doors and panels have got it covered.





Our aim is to be the source of world class doors that are easy for you to specify, order and install.



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