

FORT

SECURITY DOORS



SECURITY DOORS, WINDOWS & PANIC ROOMS

For over fifteen years, FORT Security Doors have designed and created some of the best security products in the world.

Our doors, windows and safe rooms are manufactured in our purpose built factory using the best computer controlled design and manufacturing procedures available. With the use of best quality materials and the latest technology we can provide the highest possible levels of precision.

Tested to destruction in the UK at BRE Global, FORT products have been awarded certificates to prove that they meet or exceed the highest possible standards. All this testing ensures that they're burglar-proof, water-tight, soundproof and resistant to fire, smoke and wind.

We manufacture to various levels of security, depending on your needs and preferences, including bullet proof and explosion resistant amongst others.

Several of FORT's patented security features are used in the steel structure of our doors, which not only makes them impenetrable, they're also invisible – so that no one will be aware that it's a security door.

You can stipulate the installation of any mechanical, motorised or biometric lock, just as long as it reaches our stringent security requirements for our doors.

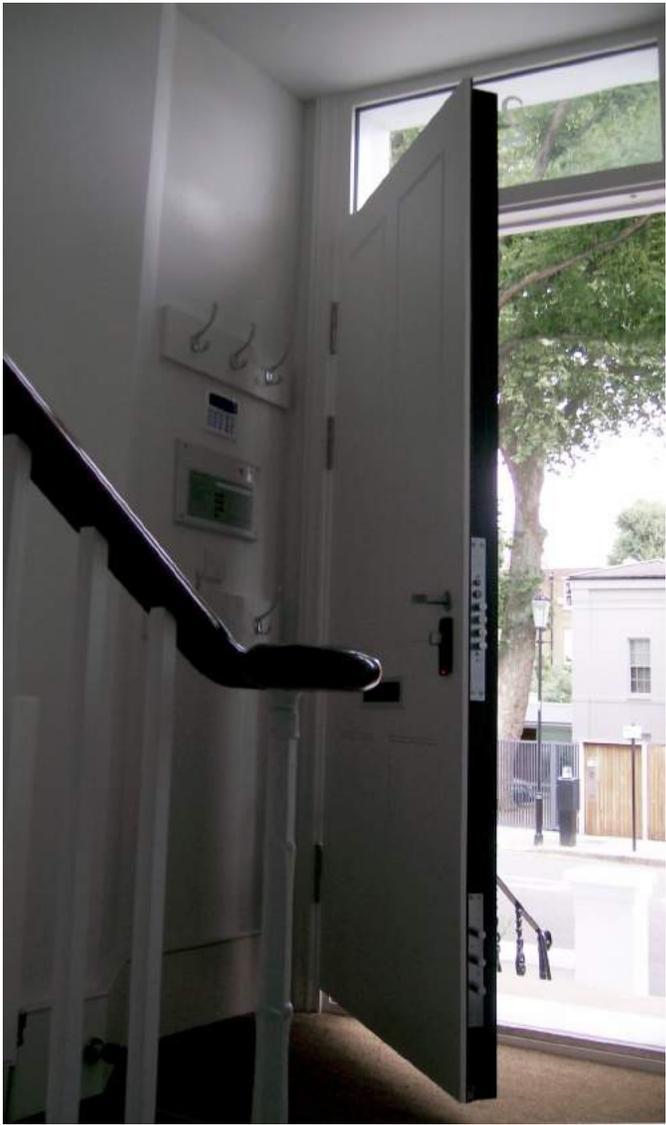
Any style or finish can be specified – we can even replicate your items, so they're indistinguishable from the originals.

We constantly evaluate our products, so that we've created a door that is strong, yet light and does not compromise on the highest levels of security.

For more information about our products and services, please don't hesitate to get in contact, our details are on the back cover.

FORT Security Doors – the number one innovators who are always at the forefront of security technology,







From conception to completion.

Our products are manufactured in a streamlined, structured process, which employs all modern techniques and procedures of specialised services, all of which is conducted in compliance with all the standards and demands of effective quality with reliable testing and production.

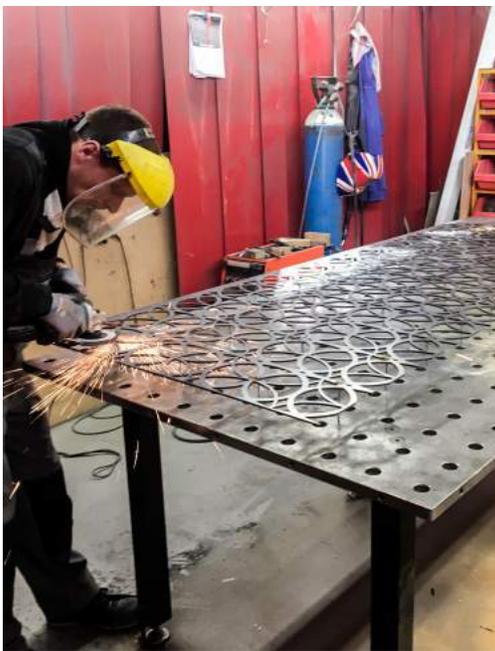
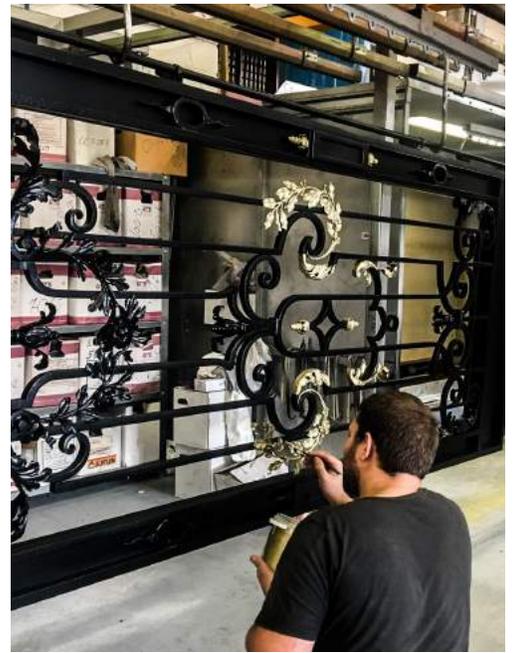
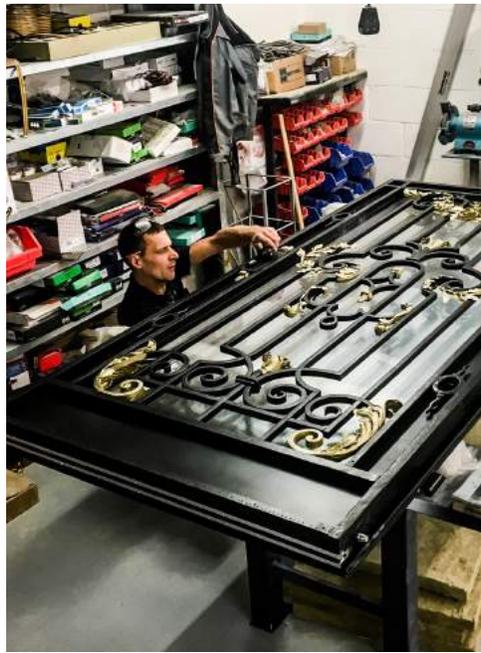
We give due importance to quality and product design in the manufacturing of our premium quality security products, to provide our customers with reliable and durable safety and security solutions. Through our incorporation of modern technology and latest techniques, we have been able to achieve a higher degree of precision and accuracy in the production of our vast and versatile range of security products.

Our engineers have over 60 years of experience and diligently work with you to understand your requirements and preferences. They then develop and create designs that conform to all the demands of high functionality and visual aesthetics. It's during the designing and planning stages that we carefully assess and analyse the practical applications of our designs to eliminate or minimise any chances of error in the later stages.

We are extremely careful about the design and production of our security products to ensure your maximum convenience and comfort. Therefore, we test each of the components of our security products individually and separately to provide you with products that offer an exceptional degree of functionality and utility.

We individually manage the production of each component for all our security products to achieve a higher level of accuracy and quality. The separately manufactured components are then assembled to present a final product that is created as per your individual requirements and preferences.

Before the delivery, all our products are subjected to rigorous testing to assess their feasibility for withstanding different pressures and analysing their practical applications and workings in different environments.

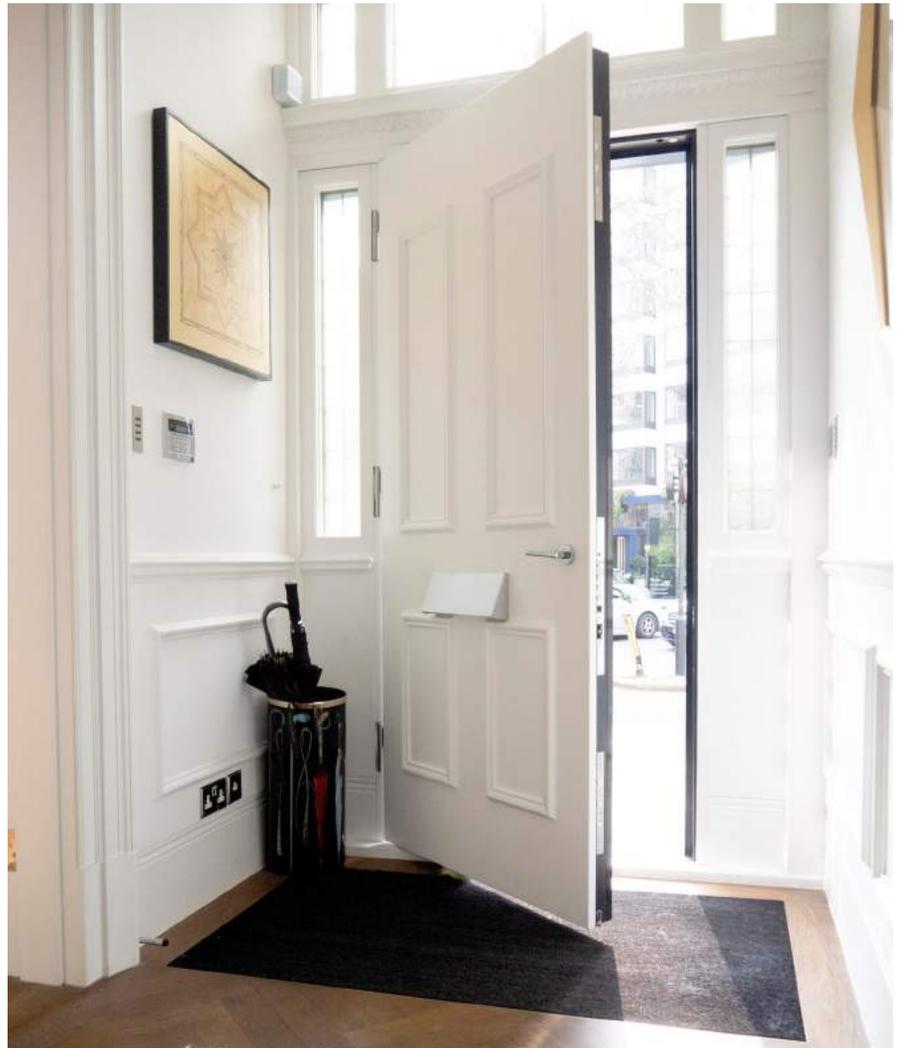




This handsome Grade 1 house needed a front door, it's old one ravaged by time and weather. Due to its listed status our replacement had to be a 100% duplicate in looks.

Accurate measurements, photographs of neighbouring premises and physical samples of the old door were used to engineer an exact replica.

The design and build specification passed the full requirements of the local council.





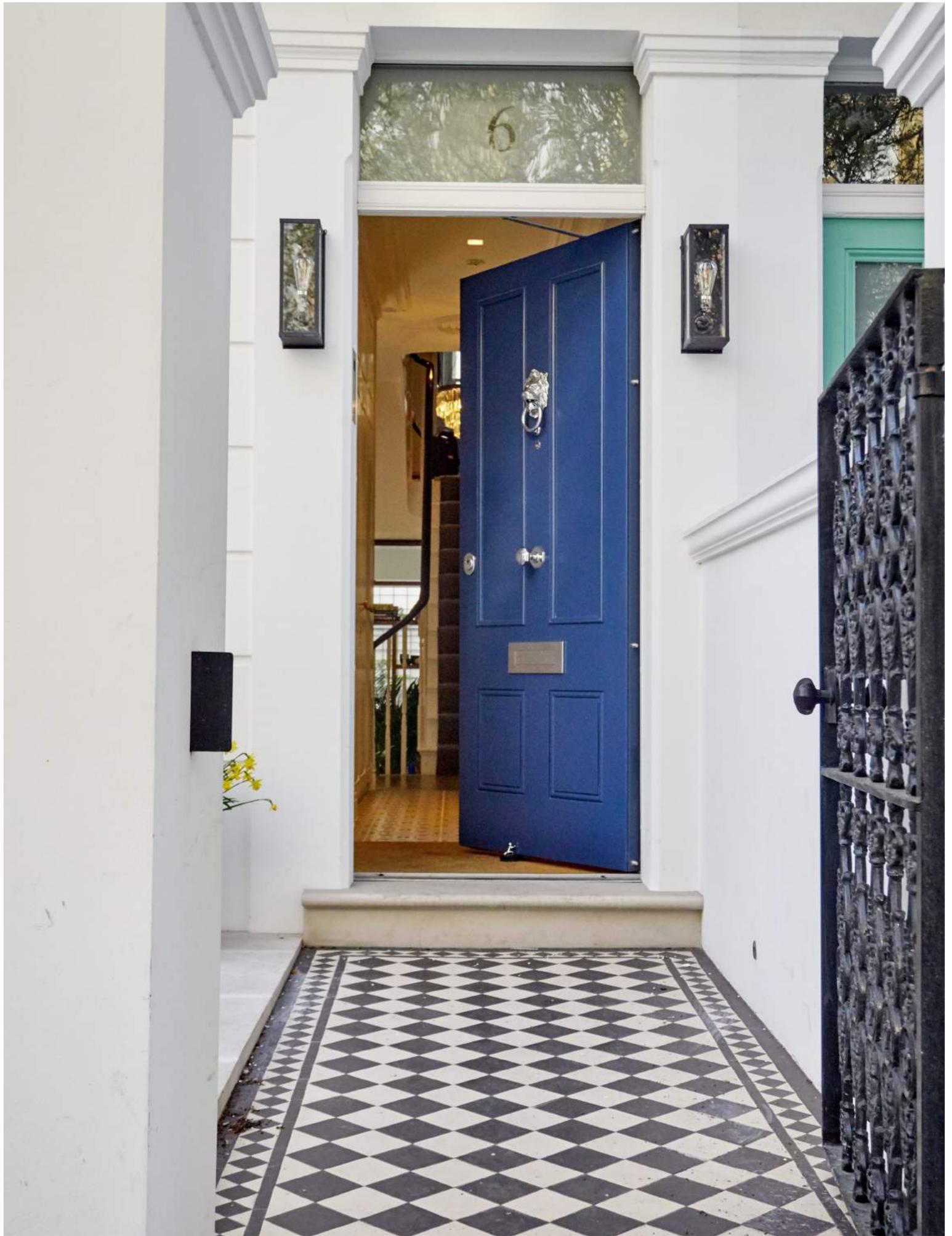


We strongly believe that safety is an extremely important factor in life, so we make our doors to the most impeccable standards – they can't be penetrated from any direction.

We also want to ensure that you're completely safe and secure at home without feeling that you're in a bank vault or military base.

That's why our products are discreet and stylish –but very, very effective.







This home certainly oozes character and charm. But more importantly, it's beautiful blue front door keeps it's occupants and property safe behind a solid steel inner with multi point locking systems.

Surprisingly to most people who think of a security door as being a slab of grey metal, a Fort Security Door is more effective, looks fabulous and is guaranteed to last longer.

Plus you can specify any type or style, so your home looks like a home and not a utilitarian box.

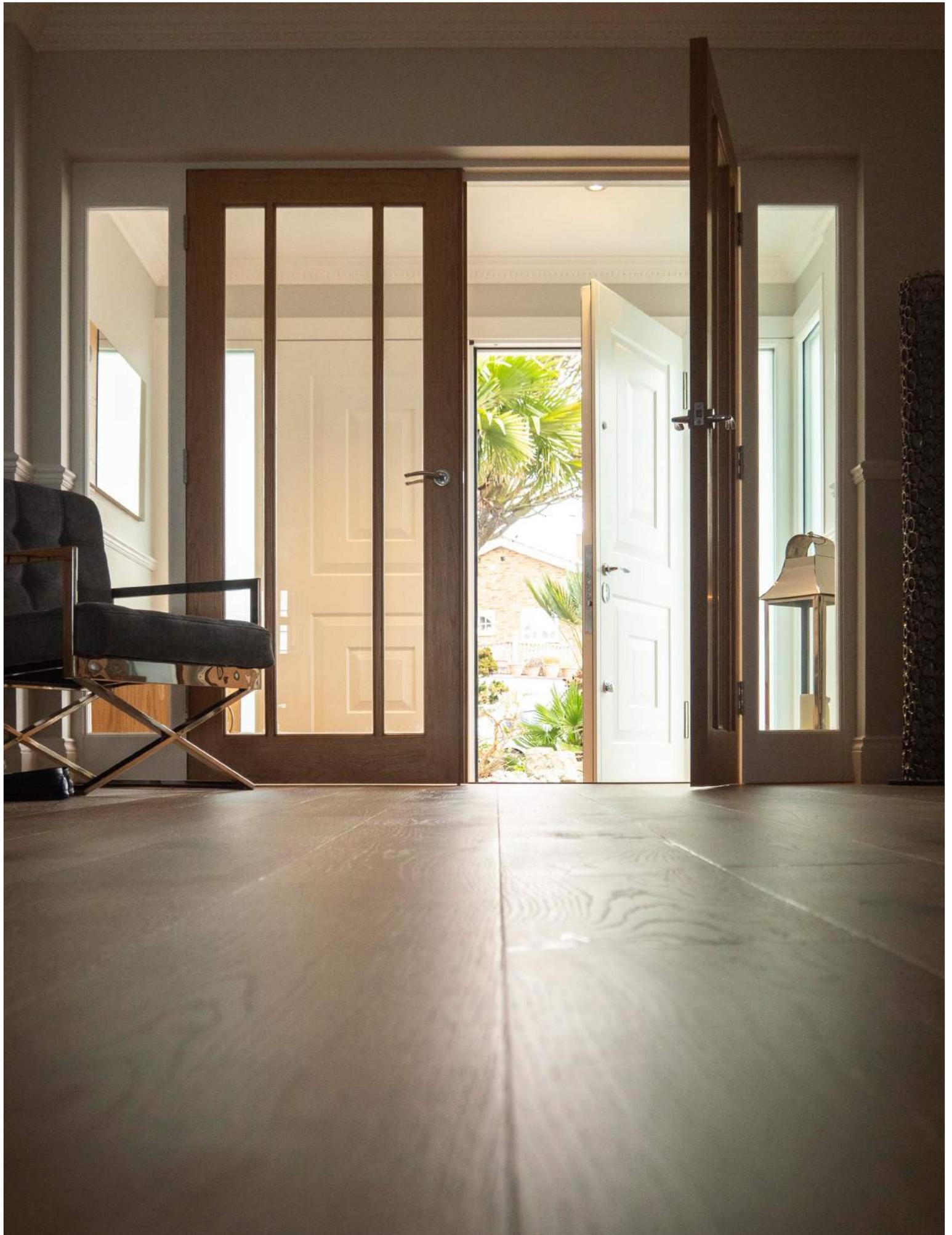




The owners of this 1930's suburban home had long felt let down by the look of their existing front door.

Despite a thorough renovation of this property, the old front door stuck out like a sore thumb. So the owners called in the expert services of FORT Security Doors and a whole new aspect was created.

The ultra high gloss finish was specified with matching hardware and paired with frosted glazed panels, this gave the home the wow factor that it was previously lacking

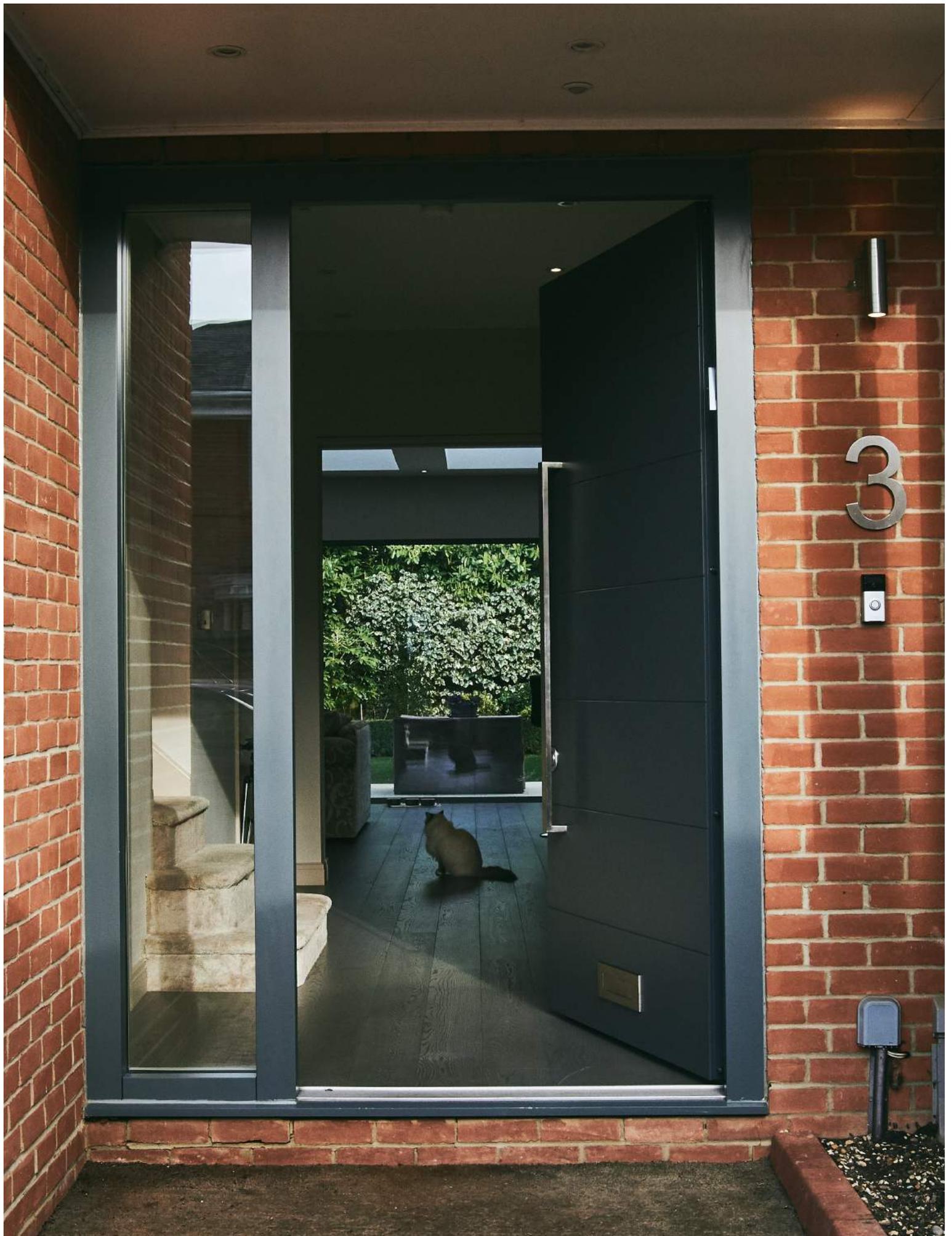


This seaside home was in need of replacement front doors due to the destructive elements of age, wear and weather.

No problem for FORT Security Doors, we updated the look of the old doors and suggested a whole new locking system – as well as advising on protection from the elements.

The inner skeleton of our doors are high grade steel, that will withstand the ravages of a sea location, whilst the facings material is guaranteed for 25 years against water damage. Combined with a top class paint job, these doors will last much longer than the previous ones.







Our years of experience over the years means that we're able to match the outside of your door to its environment – so that it doesn't look out of place, it balances perfectly.

Whilst the inside of your door can be tailored to suit your living space – complimenting walls, flooring or even furniture.

The choices are endless and we're here to help every step of the way



FORT Security Doors can enhance the most beautiful of homes, endowing them with the strength of a fortress.







FORT Security Doors have a heart of steel and will deter the most determined of intruders, but that doesn't mean that they lack style.





Our bespoke service caters for doors of all shapes and sizes. All incorporate FORT's incredible strength and stylish design.

we offer all that can
make your home
and office spaces
more secure and
safe.





Building a successful business is difficult at the best of times, and owners often put their hearts and souls into the enterprise.

And of course commercial premises are not exempt from intrusion. Statistics show that victims of a break-in are four times more likely to become repeat victims.

Trust FORT Security Doors to help you protect the endeavour of a lifetime with beautiful doors of incredible strength.





FORT Security Doors are suitable for all commercial and retail environments, providing the ultimate security solution whilst retaining the character and charm of their surroundings.



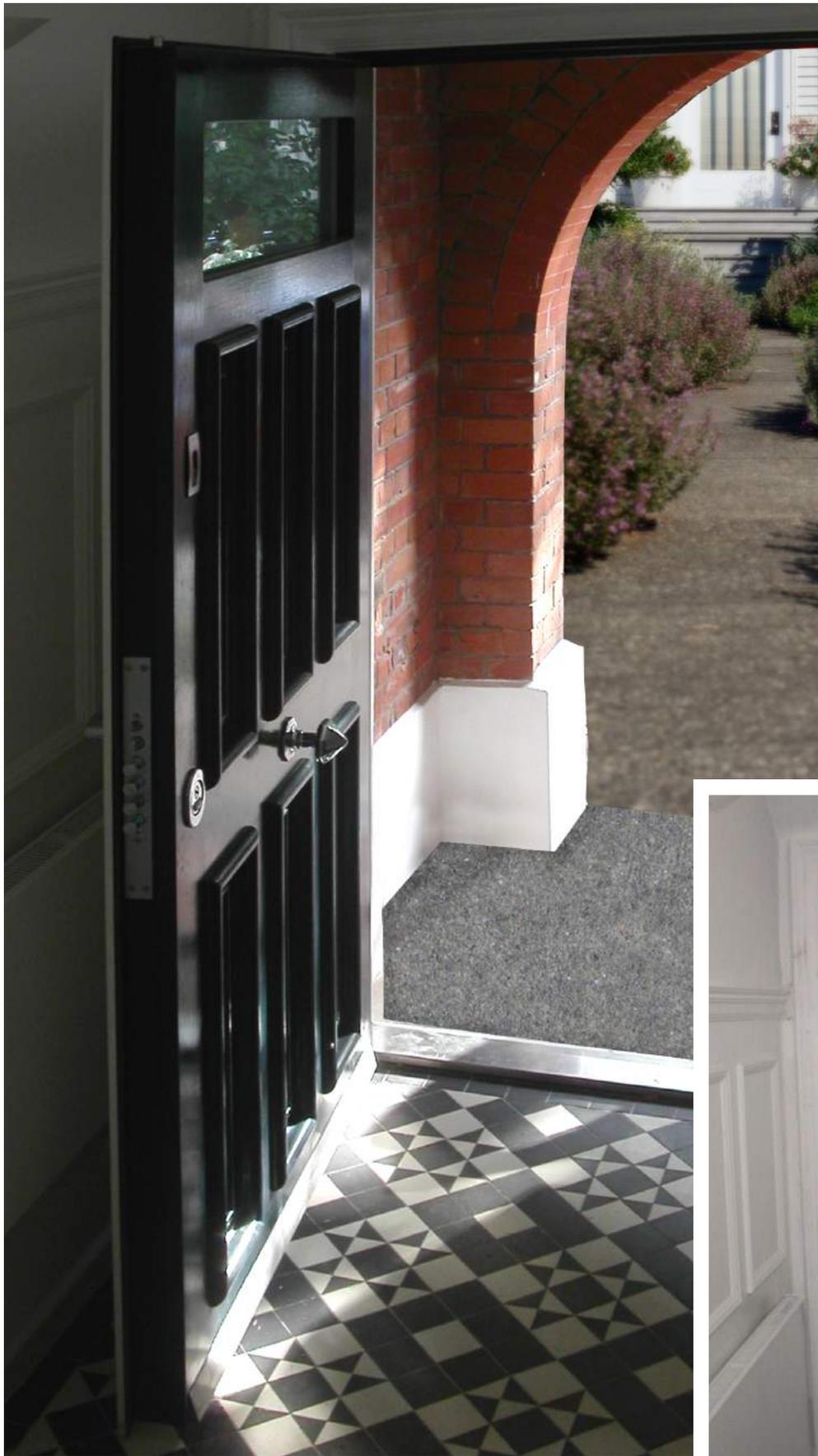


Wartski

Carl Fabergé

The Allure of

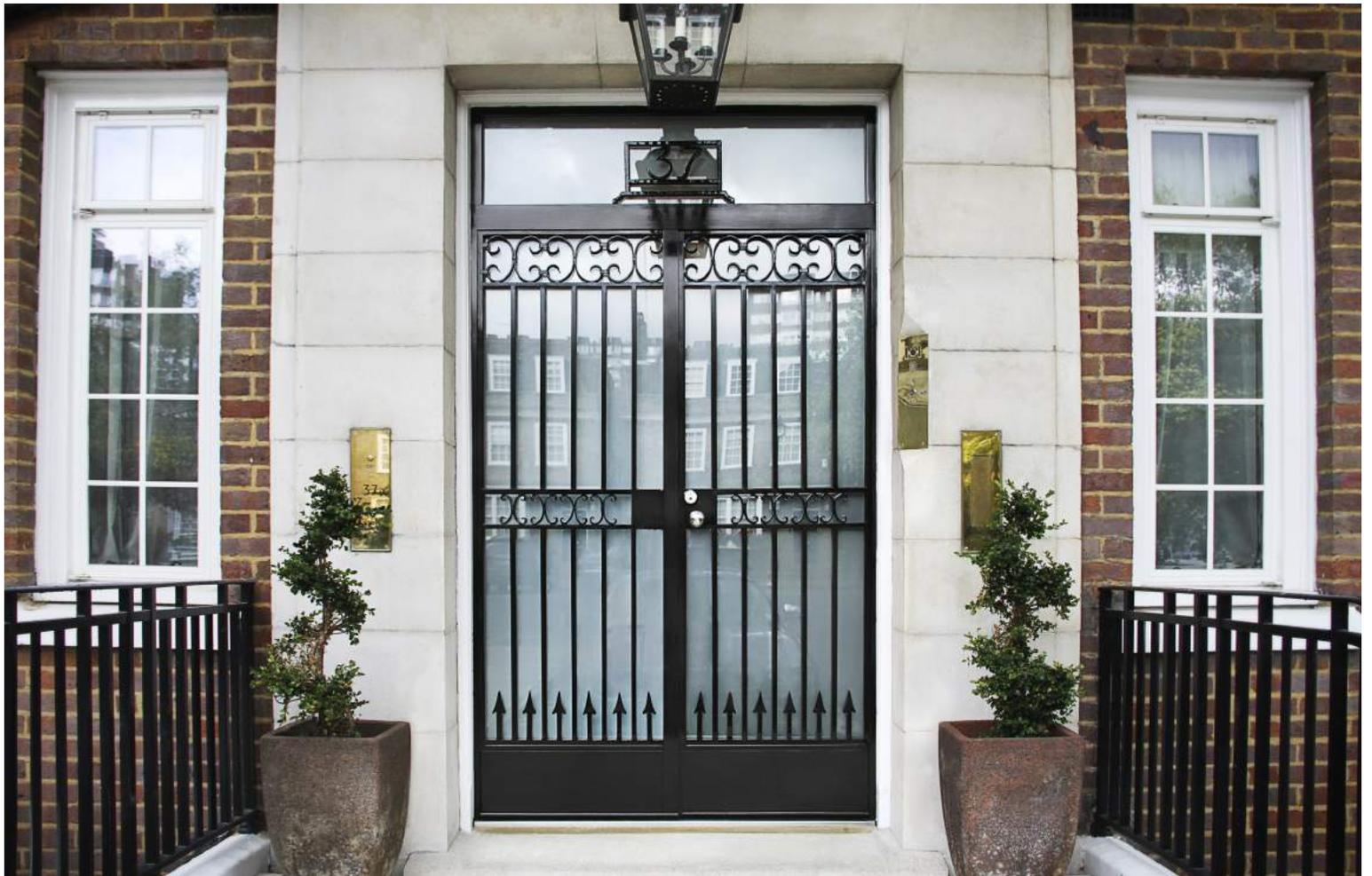




This door has a remote-control motorised locking system complete with a biometrical fingerprint scanner. All this security is discreetly achieved in a conversation area period property.



Our vast range
of stylish doors
is sufficient to
grace any home
in any
architectural or
period style.





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CALL





FORT Security Doors feature a quality and refinement matched only by your own.





Thoughtful, sophisticated styling and attention to detail ensures a seamless match for the internal architecture of apartment homes, like these classic Georgian designs.

And of course they feature FORT's signature strength and impenetrability.



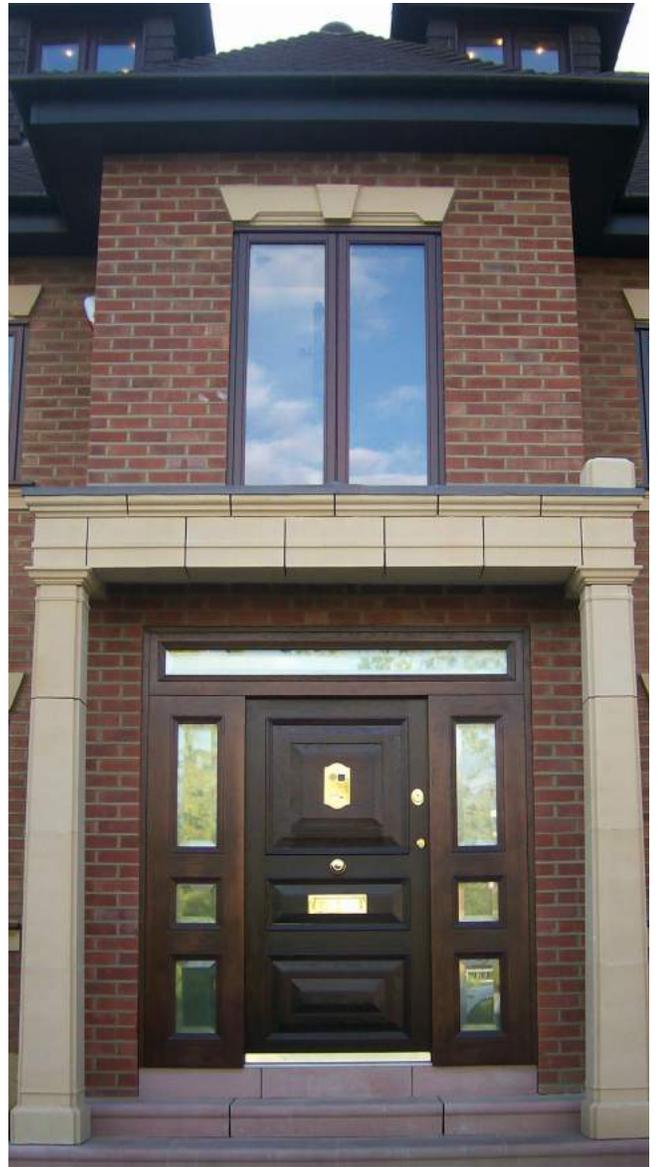






We guarantee that all of our products will be fitted in a way that assures your security and safety.





A double-door provides a grand entrance for this grand home, endowed of course with the incredible strength and reassurance that comes with a FORT security door.

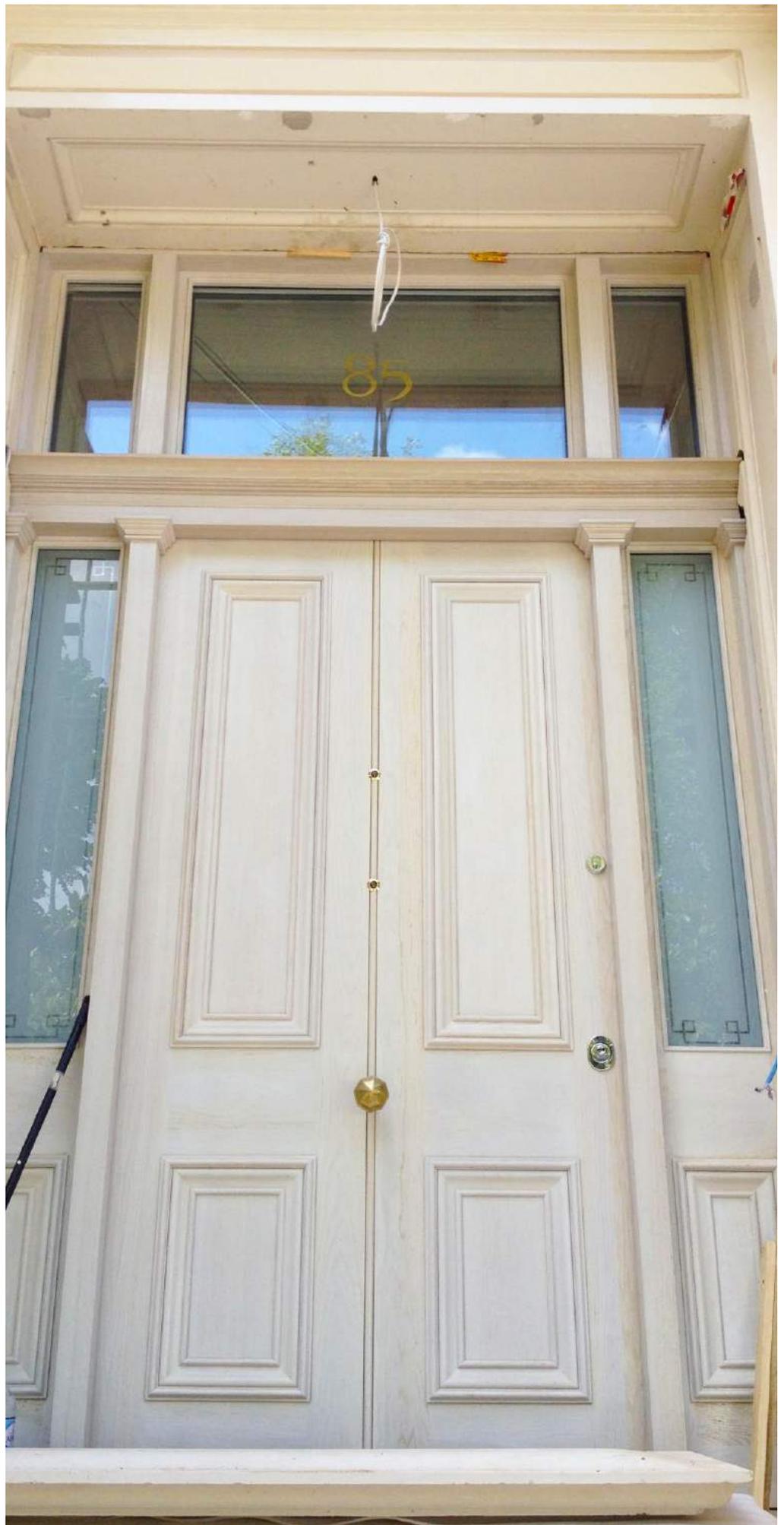




FORT Security Doors will design and build security doors to your exact specifications, even from your own designs if you wish.

Be it heritage replica or a bespoke design, we use state-o-the-art 3D design and AutoCAD technology to turn your drawings into reality. We then bring your design to life within our high-technology manufacturing plant.

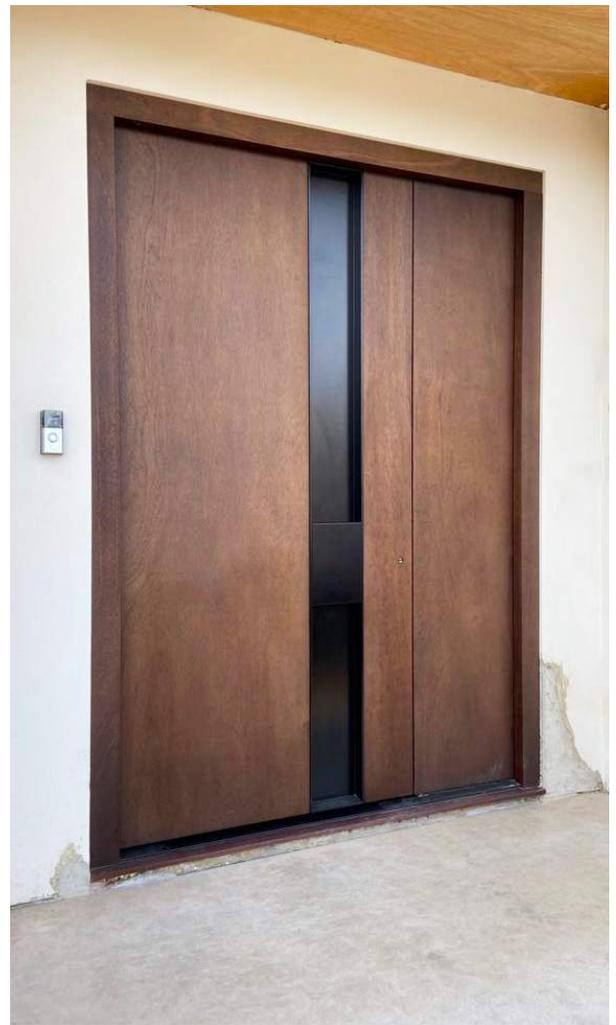
All shapes and designs are manufactured to exacting standards. You don't compromise on style; we never compromise on quality or security.





FORT Security Doors have over ten years of experience in manufacturing armoured security and entrance doors.

Over this time we have proven to be a reliable partner to private customers and property developers across the construction industry.









At FORT Security Doors, we know that some things in life just can't be replaced.

It's why we take the care that we do, and why our customers trust us to provide security, protection and style.





For both of these properties, FORT Security Doors carried a meticulous research to design and build incredibly strong and secure doors that were identical to their predecessors, thus providing a seamless transition for the owners, whilst strengthening them beyond measure.

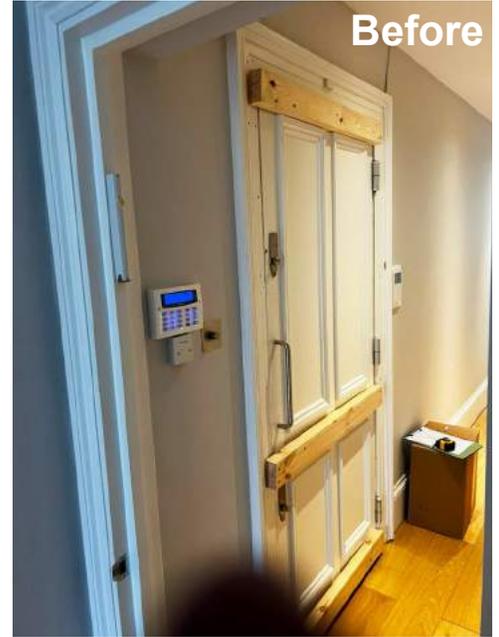
Our professional installers will complete your job in a timely and orderly fashion.

They will carefully install your door to make sure that it blends perfectly with neighbouring properties, should you require it.



Before and after





**Any shape
any size**



Why choose a FORT security door?

We have the greatest customisation choices in the UK for safe, secure doors which can be installed into family homes, shops, offices or other businesses.

Our doors are designed to provide superb protection from break-ins, fire, smoke, sound, and ballistic weapons.

You can choose any size, type or shape of door, any style or design of hardware and any type of glazing – you have countless combinations.

Any material or paint can be used on the door; stained or unpainted woods, stainless steel, gloss, matte or even fluorescent colours. Our standard range of veneered MDF includes mahogany, oak, beech and walnut and for that extra special look, a choice of Okoume woods are available which can be varnished and lacquered.



Our security specialists are highly trained and have years of experience in the industry, so feel free to speak to them – they'll answer your questions and provide you with full details about our high-quality products.

FORT Security Doors – products that you can trust.







**SASH &
CASEMENT
WINDOWS**

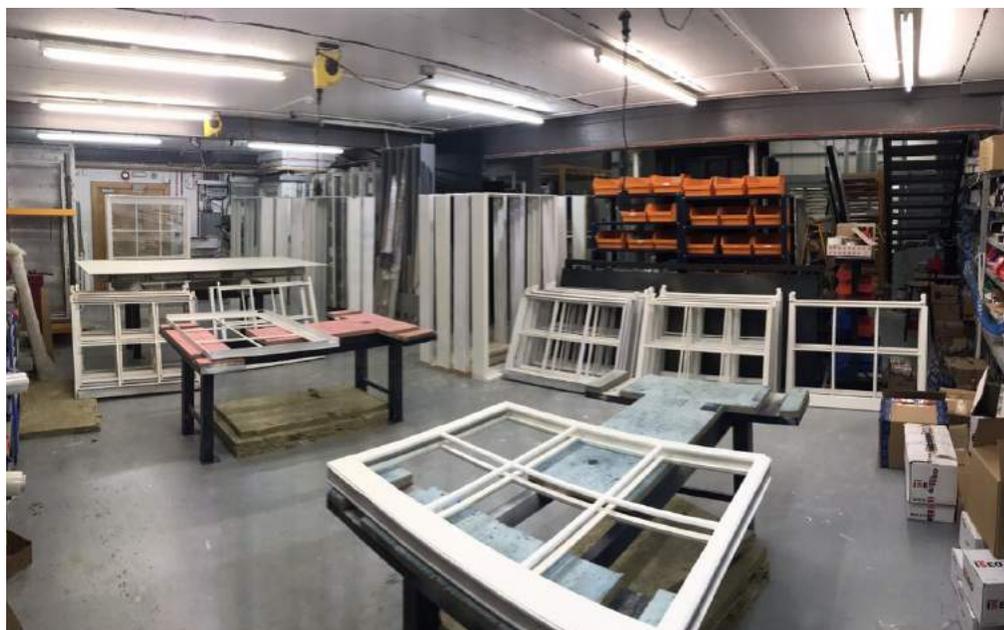
FORT Security windows: designed and built for style and safekeeping.

We have a reputation for building some of the most beautiful, strong and efficient security windows in the world. Our combination of incredible strength and cutting edge design are the perfect fit for homes or businesses.

Our Patent Applied for Security Sash Windows have three individual locks and panes that can't be removed.

Like our security doors, they're built with the same attention to detail, use the same high grade materials and are easily able to withstand assault from crowbars, screwdrivers, drills, or even bullets.

Our burglar proof units consist of 11mm laminated glass, 6mm gap and then a 7mm sheet. Whilst our bulletproof model has 25mm of laminated glass – enough to stop a 9mm bullet at close range.





Why choose a FORT window?

From sash and casement windows to skylights, Fort Security Doors products are the epitome of outstanding quality. Safe and secure we've made sure that there are no weak areas in the windows by testing them thoroughly.

Our casement windows can be specified to open in any direction and can be fitted with concealed hinges which add extra security against break-in attempts. Our multi-point locking mechanism means these tough cookies can withstand crowbars, hammers and drills. The option of bulletproof glass means they can withstand (according to BS EN 1522) a class threat level of FB4.

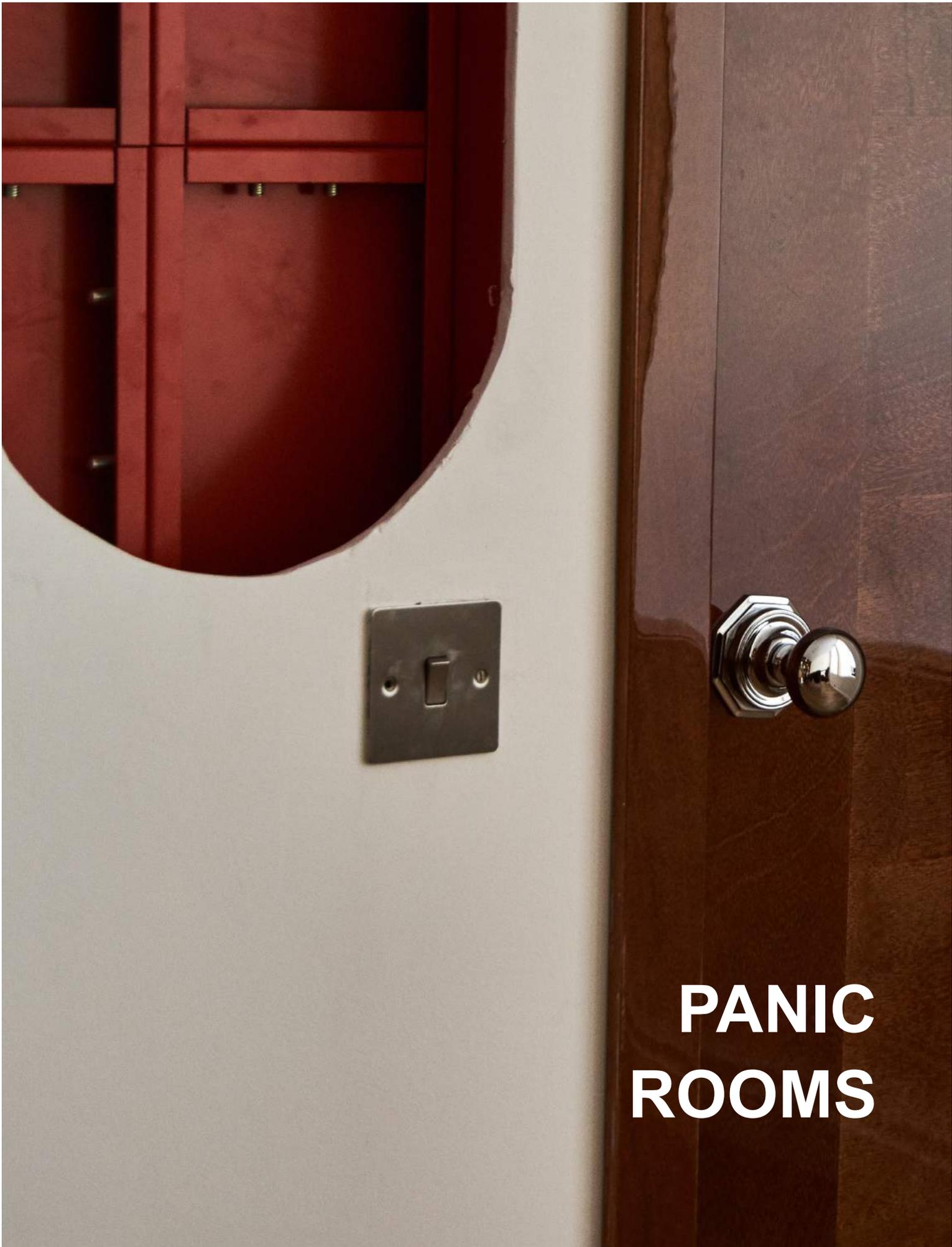
FORT Security Doors' skylights are designed to let natural light into any room, uplifting it and giving it sense of life instantly. They can be any shape: flat, pyramid, square or bespoke and can have any opening ways – whatever you want, FORT can do it.

Our security specialists are highly trained and have years of experience in the industry, so feel free to speak to them – they'll answer your questions and provide you with full details about our high-quality products.

FORT Security Doors – products that you can trust.







**PANIC
ROOMS**

Inside our safe rooms.

Think of a panic room as a vault for your most valuable asset, your family.

We also know that for some of our clients there is a real risk of harm from the outside world. By installing panic, or a safe room, you have an ultra-safe location inside your home – a place where you or your family can retreat during a robbery or other threat.

We usually manufacture the door from double-core metal, with heavy deadbolt – which eliminates the need for a key. But a myriad of other options are available depending on your needs and preferences.

If you need to use your panic room, you will also need to contact emergency services. Therefore a secure means of communication with the outside world is imperative and a video monitor that shows all activity outside the door and in the house is a worthwhile investment.

Although it is called a panic room, remember that the purpose is not for you to panic, but for you to be safe.

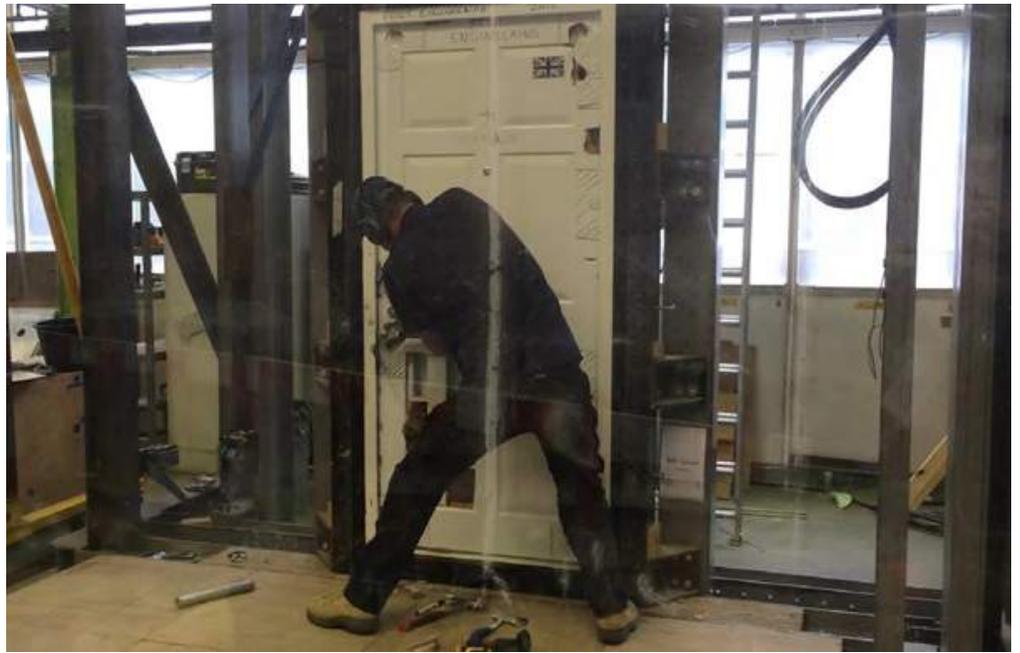
About our panic rooms

- We construct our panic rooms from moderate panels: walls, floor to ceiling for structural continuity
- We use steel studs for our walls where walls need more rigidity
- Moderate wall panels can be different security level up to ballistics
- Our moderate panelling overlap to ensure there are no weak links
- We prepare our moderate panels to incorporate all necessary facilities such as wiring, plumbing and ventilation
- If your floors are concrete there is no need for highest security panelling on the floor
- Security doors to a panic room can be ballistic with no possibility to unlock from outside if needed
- Acoustic or ballistic materials available if required
- We incorporate latest surveillance and computer equipment if required



MANUFACTURING AND TESTING





Testing our integrity

FORT engineers have carried out hundreds of experiments over the years to find the best structure, materials and design for our security doors and windows.

Hours of painstaking research has resulted in the products that we sell today, ensuring that you get a highly reliable, dependable and durable product that will give years of service.

We build in excellent burglary resistance, thermal insulation, fire proofing, sound proofing, smoke resistance, rain and wind resistance, strength and durability, even bullet resistance to our products if required.

But this is only the start, our products are then independently tested and evaluated to comply with, and often exceed, all current and established standards.

Only if the testing is 100% successful, will we make a product available.

Burglar Testing

Static Pressure

The PAS24 static pressure test is conducted by pressing down on critical points of the door such as the hinges, lock and door leaf. It was pressed with a force of 600kg and it was required to not deflect more than 10mm. Our door did not exceed the limit therefore it passed and was awarded with the BSI EN1627:2011 (RC3) Certification.

Dynamic Attack

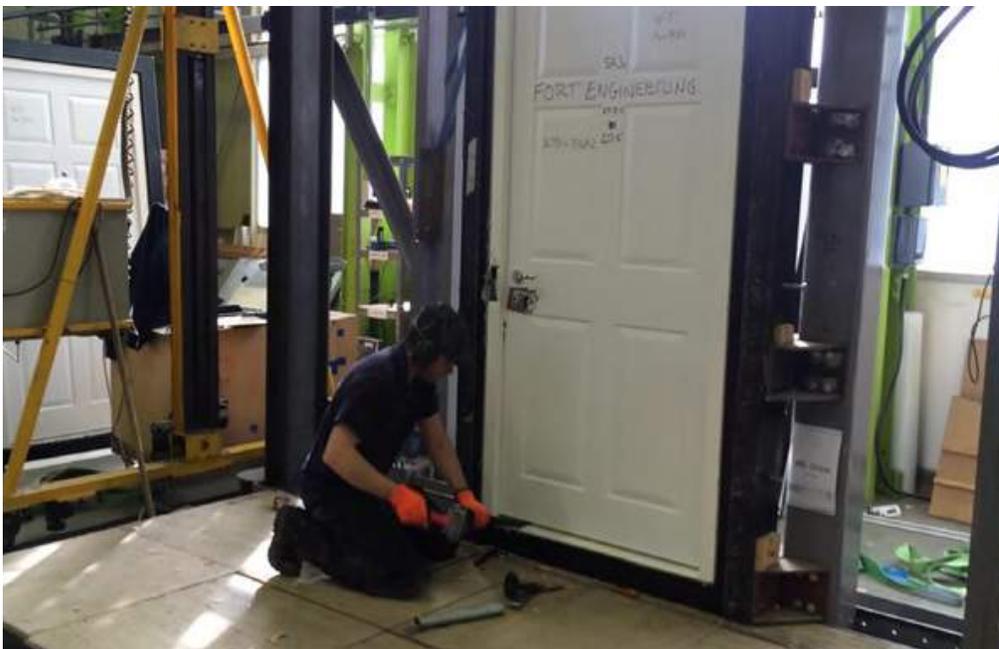
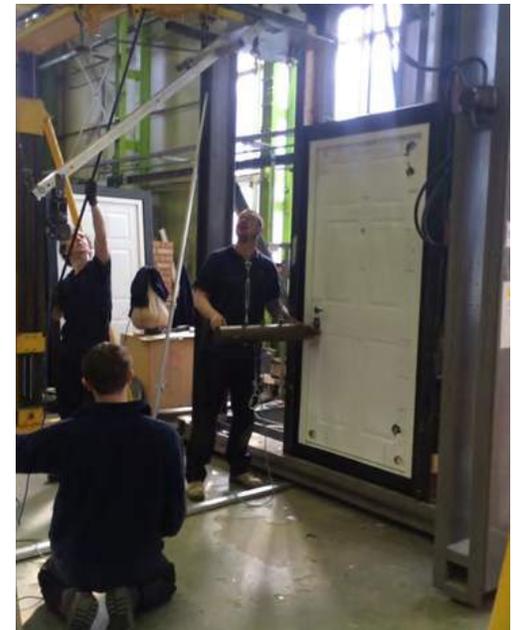
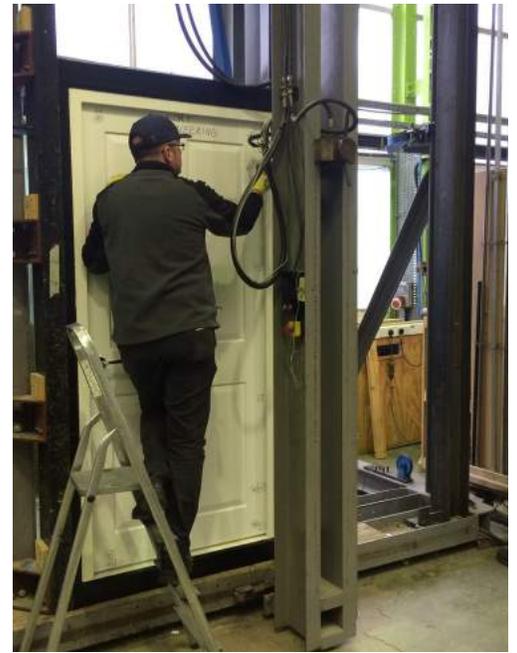
The PAS24 dynamic test is conducted by ramming the critical points of the door with a heavy steel bar. These points included the hinges, lock and door leaf.

The door resisted all hits from the ram and therefore it passed and was awarded with the BSI EN1627:2011 (RC3) Certification.

Manual Attack

The PAS24 manual attack is conducted by allowing the door to be attacked by various tools for a set period of time. All angles of the door are attacked including the hinges, lock and door leaf.

The attacker was unable to force entry in the required time, thus giving the door a pass and awarding it with the BSI EN1627:2011 (RC3) Certification.





Fire Tests

Fire tests are conducted by installing a door into a furnace and then heating it up by over 1000 degrees Celsius. The other side of the door is then measured with thermocouples to ensure that the surface of the door does not exceed 140 degrees Celsius.

The test is carried out for 30 minutes, which is the requirement to achieve the British Standard EN1634-1 certification. Our door withstood over 30 minutes of fire and did not exceed a surface temperature of 140 degrees Celsius - meaning it passed and was granted with the certification.

Sound Testing

Sound proof tests are conducted by installing a door to a wall, and on one side of the door, emitting different wave lengths of sounds from dozens of speakers - with the decibels being measured by a precise microphone.

On the other side of the door, the intensity of the sound is measured with second microphone, which then feeds the data into a computer software so that the sound proofing of the door can be accurately measured.

The test result demonstrated that the door achieved the sound insulation requirements of 43dB and thus was awarded with a pass.



Wind & Water Testing

Wind tests are conducted by installing the door into a sealed box and filling it with compressed air. Then the number of cubic meters of air that passes through the seals per hour is measured and our door reached the highest classification.

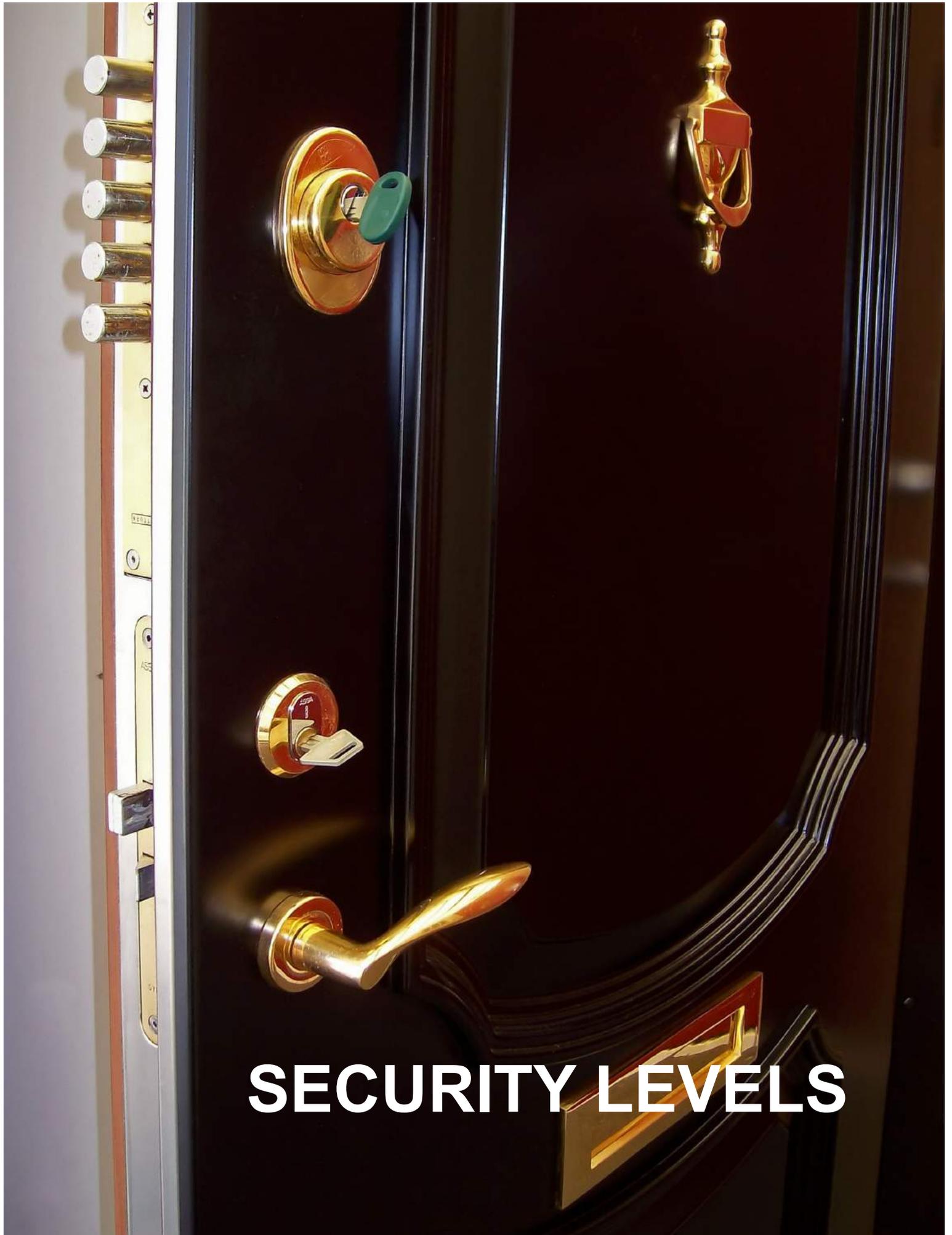
Water tests are conducted by having the door installed into a sealed box and having it sprayed with water from the inside - imitating the conditions of a storm. To pass, the door must not allow any water to get through and our door passed this test.



Durability Testing

Durability tests are conducted by attaching a motor to the door, handle and keylock. The door is then put through a cycle of being unlocked, opened, closed and then locked again continuously.

Our door was able to complete this cycle over 300,000 times, after which the test was concluded. With proper maintenance, our door will be able to last over 50 years of use.



SECURITY LEVELS

LEVEL 1:

FORT: 001

Manufactured to meet PAS 24:2012, this is an ideal high security door to be installed in domestic spaces. Its bent metal construction makes it highly resilient and durable, providing your customers with a secure shield.

Finished to perfection, the door is made using a water proof finish which makes its highly durable. It's been constructed to retain its original appearance even after significant mechanical damage. Our level 1 door met or exceeded every test it was subjected to by BRE Global testing facility .

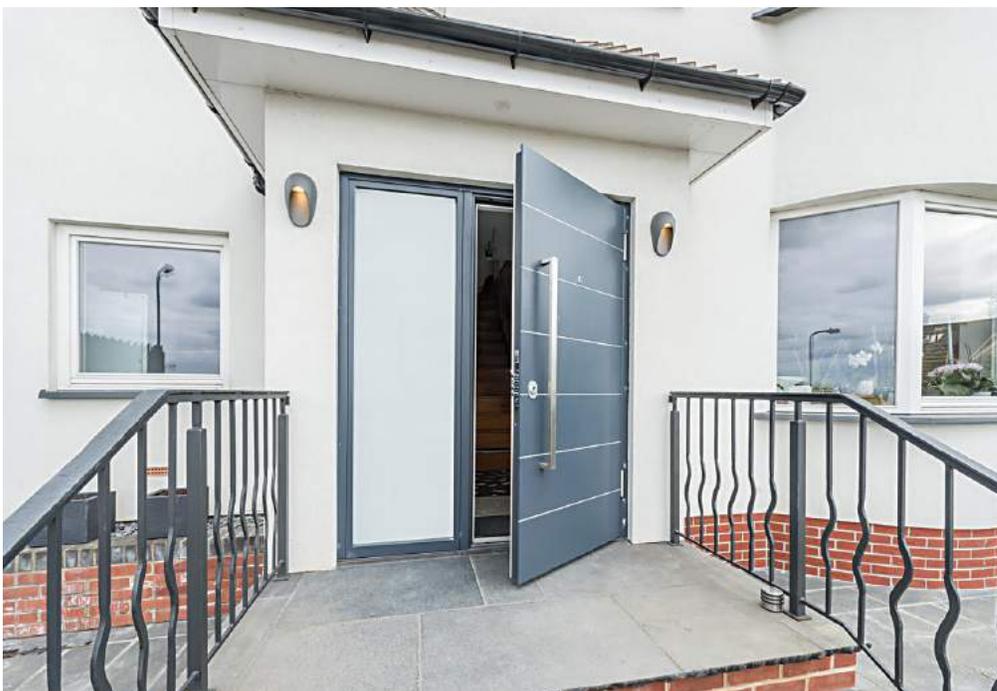
LEVEL 2:

FORT: 002

FORT LP2S security door is designed to withstand determined opportunist burglar attack by physical force and tools with higher mechanical strength with tools like claw hammers, hand drills, junior hacksaws, big screwdrivers. Security door had been tested and achieved security rating 2 (SR 2) according to LPS1175. Tested inwards and outwards opening doors to ensure same security no matter which way the door opens. To achieve SR2 security rating doors must be installed in brickwork / concrete blockwork, or structural steel work. This model will protect private houses, apartments, commercial or government buildings.

FORT LP2S models comes with the following features:

- Steel frame is L-shape profile fixed securely with 8 screws; each screw is protected with 24mm thick steel lining to protect it from cutting.
- Steel door leaf inner structure is designed and welded to protect premises from physical attack as well as form external elements. Mineral rock wool sheets are placed throughout the entire door, plus double seal on door leaf and frame used for best acoustic and thermal insulation 1.40 W/m2K.
- Smooth door operation achieved by robust hinges.
- Four fixed 16mm diameter hinge bolts ensure the door leaf hinge side is secure every time the door closes.
- Lock side comes with a multi-point locking system with 3, 6, 10 or 12 bolts.
- All steel structures are powder coated to any RAL colour. After is cladded with engineered or solid wood which can be bespoke crafted.
- Vision panels are made including security laminated glass up to security and fire rating required.



LEVEL 3:

FORT: 003

FORT LP3S security door designed to withstand experienced burglar attack with heavy-duty tools including the 700mm crowbar extended by 400mm tube. Security door had been tested and achieved security rating 3 (SR 3) according to LPS1175. Tested inwards and outwards opening doors to ensure same security no matter which way the door opens. To achieve SR3 security rating doors must be installed in brickwork / concrete blockwork, or structural steel work. This model will protect private houses, apartments, commercial or government buildings.

FORT LP3S models comes with the following features:

- Steel frame is L-shape profile fixed securely with 16 screws; each screw is protected with 24mm thick steel lining to protect it from cutting.
- Steel door leaf inner structure is designed and welded to protect premises from physical attack as well as form external elements. Mineral rock wool sheets are placed throughout the entire door, plus double seal on door leaf and frame used for best acoustic and thermal insulation 1.40 W/m2K
- Smooth door operation achieved by welded hinges and supporting bearings in between, which are covered with stainless steel or brass finishing caps.
- Four fixed 16mm diameter hinge bolts ensures door leaf hinge side is secure every time door closed
- Lock side comes with a multi-point locking system with 3, 6, 10 or 12 bolts.
- All steel structure is galvanized, and powder coated to any RAL colour. After is cladded with engineered or solid wood which can be bespoke crafted.
- Vision panels are made including security laminated glass up to security rating required.



LEVEL 4:

FORT: 004

FORT LP4S door model is PATENTED and will withstand heavy-duty tools attack including a fire-fighters crowbar, axe, saw, steel cutting pliers as well as the power drill. It was tested and achieved a security rating of SR4 according to LPS1175. The door is suitable for private houses, apartments, commercial and government buildings. Security door was tested for internal and external opening to ensure security is the same on both sides. This model is designed to provide an extra high level of security for houses in areas with a very high risk of burglary. FORT LP4S model is unique and has a patented design which was developed after years of research and testing against a wide variety of burglary methods. Additionally, this model could be upgraded to provide FB4 or FB6 ballistic protection.

FORT LP4S security door model comes with the following features:

- The multi-point locking system on the door is protected by incredibly strong manganese plates, which are drill resistant.
- The locks are encased in steel for added protection to ensure complete security.
- There are eight 16mm Ø fixed bolts on the hinge side for extra security.
- On the lock side there are six bolts, along with two extra bolts that lock up and down into the frame. To protect each bolt, they are encased in steel within the doorframe.
- The interior of the door is made of grating around a sheet of steel. This is designed so that if the steel grating is damaged there are still two further layers of protection.
- The doors are thoroughly insulated against heat, sound and fire; each door has a 60mm layer of rock wool with a steel sheet in-between for complete insulation.
- There is a wide range of colours and designs for finishing boards to complete your door with.
- The pins in the lock are protected by a 15mm bent profile, which ensures they cannot be damaged.
- The frame is fixed to structural opening in 17 points, which are protected with a 24mm steel sleeve.

LEVEL 7:

FORT: 004 FB4 /FB6

The FORT level 7 is a bulletproof version of our level 4 door, has been tested to EN1522 standard. This door model was awarded a level of bullet resistance of FB4, capable of resisting shots from a 9 mm handgun.

The door can be single or double, supplied with bulletproof glass, and can open both inwards and outwards.

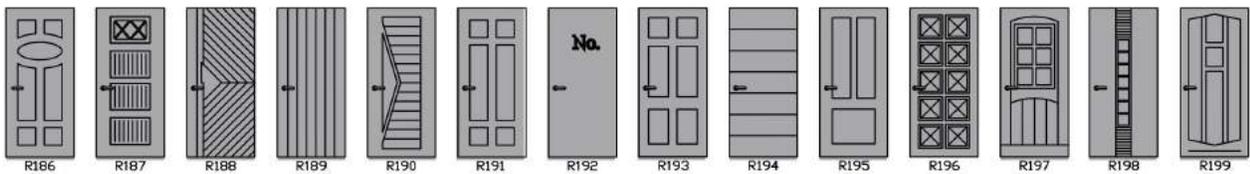
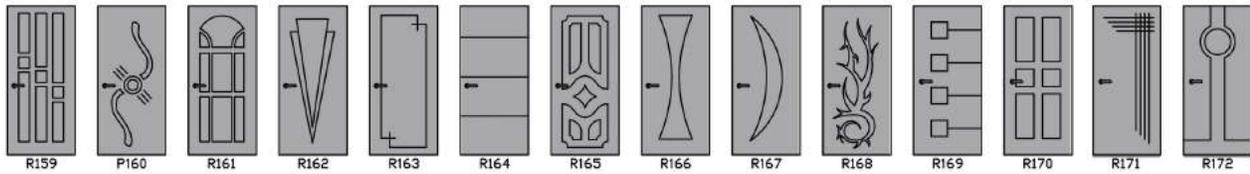
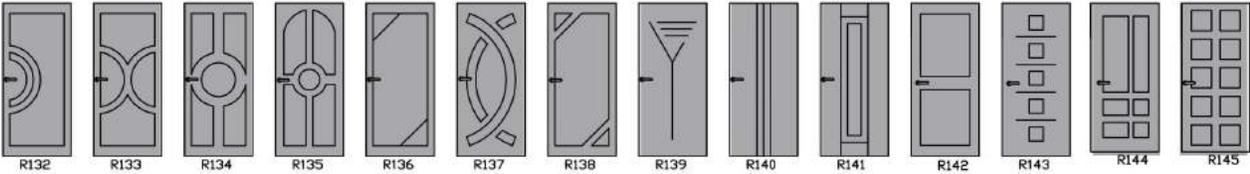
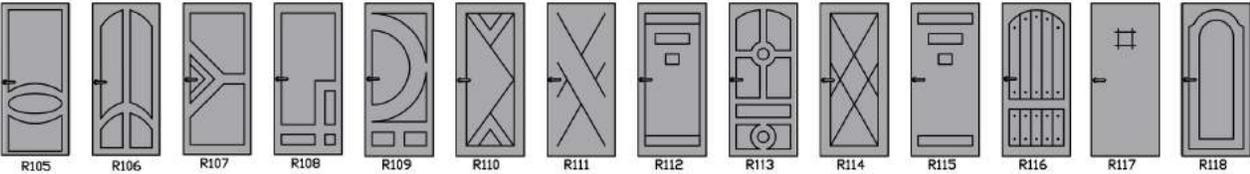
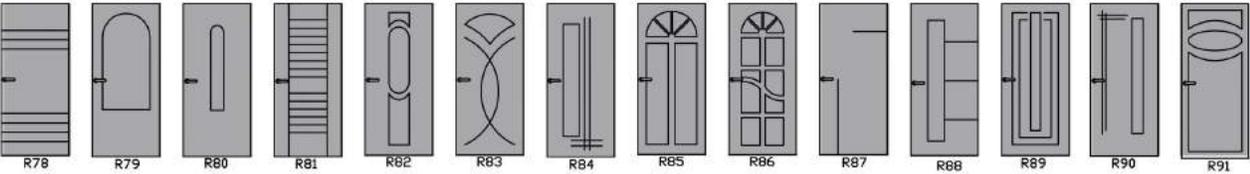
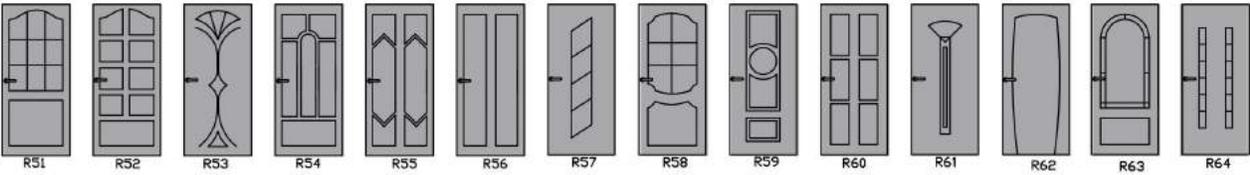
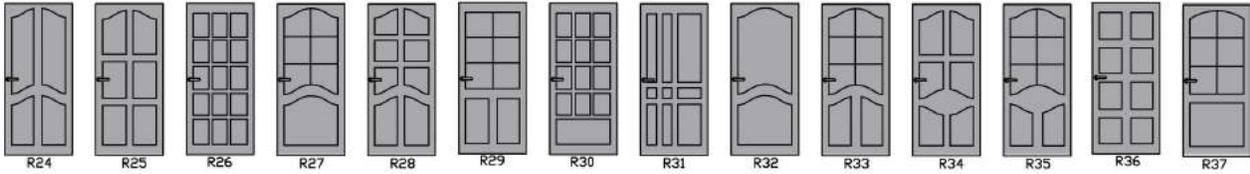
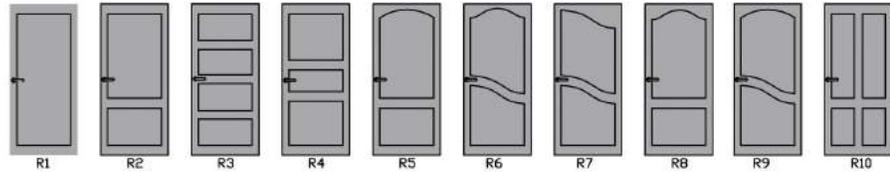


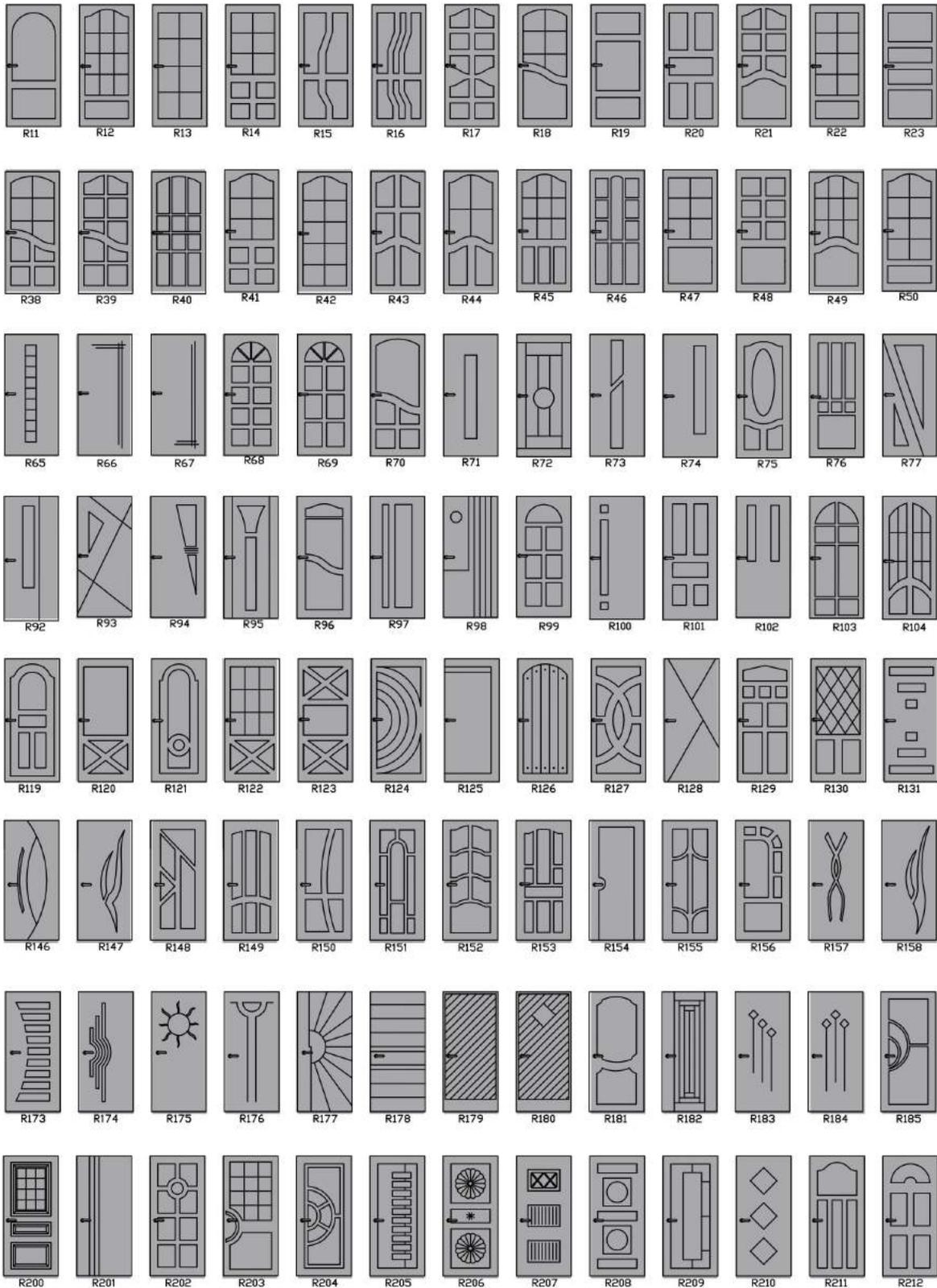


Whatever you want

Providing every option under the sun

100s of standard door designs



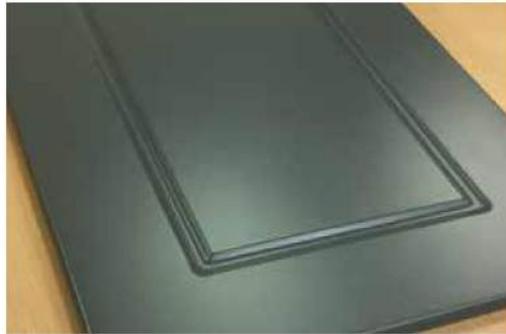


Choose a design from our range of nearly 200 options, or choose the closest one to your preference and we will amend it to your instructions –or we will make your door from drawings prepared either by you or your architect.

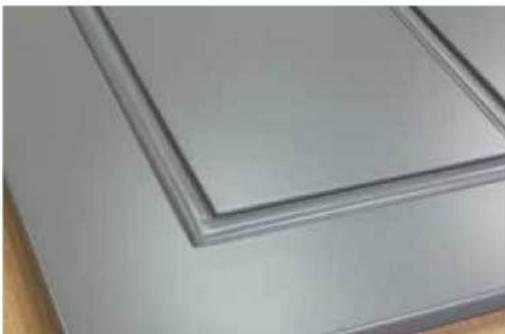
Standard Milling



VICTORIAN



ROUND GROOVE



HALF MOON



REGENCY



DOUBLE STEP



GEORGIAN WITH MOULDINGS



GEORGIAN HIDDEN LAYERS



ANGLED STEP



5mm GROOVE



COTTAGE



ROMAN



EDWARDIAN

Unlimited colours



Door casings and panels

As the internal construction of the door has no closed cavities, the entire metal construction is covered in powder coating, which ensures long-term surface protection from corrosion. Standard colours shown left.

A photograph of a dark blue door with a lion head knocker and a peephole. The door is set in a white frame with a light fixture on the wall to the left. The text "Gallery" is overlaid on the right side of the door.

Gallery

A small selection of
our previous work



A picture tells a thousand stories.

From a mews town house in London, a Grade 1 listed building, a brand new architect designed residence or a Rural Cottage, we've installed doors, windows and panic rooms in them all. We're not stumped by any kind or style of installation no matter how tricky or intricate it may seem, and we're certainly not phased by any kind of design or integral technical demand.

Since FORT's inception in 2010, we've gone from strength to strength. Inventing and patenting ways to make doors and windows more secure, improve their usability and make them even more stunning to look at.

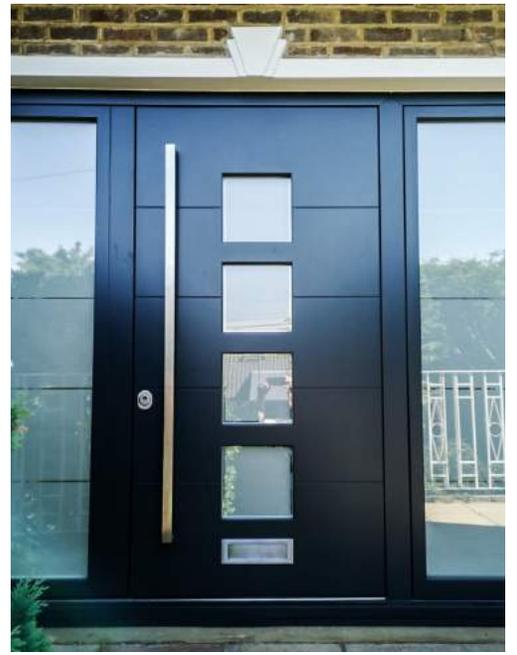
Our purpose built factory was designed from the ground up to make the best possible security products available today. Whilst our workforce (both manufacturing, fitting and servicing) is handpicked to ensure 100% quality, 100% of the time.

We're really proud of what we've achieved as a company, but there's never a period when we're not striving for the next innovation to bring you the perfect product.

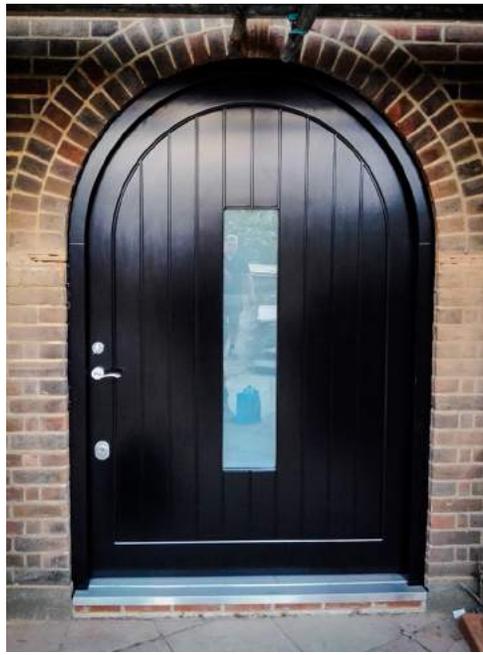
The following pages are just some of our installations that we've done over the years that we can show you.

Sometimes pictures say more than words ever can...

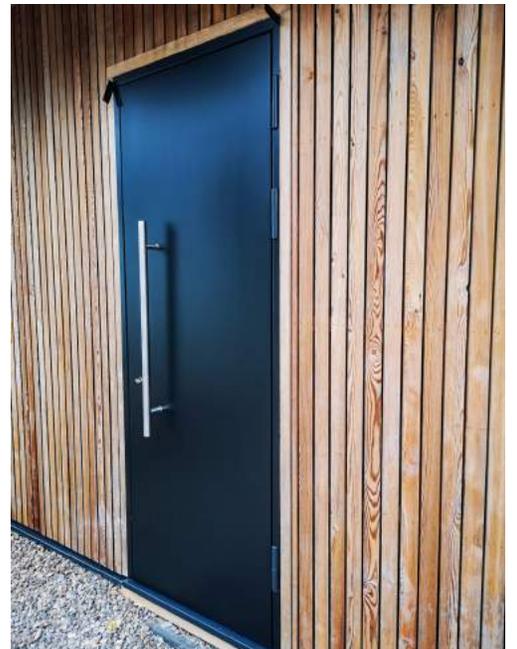
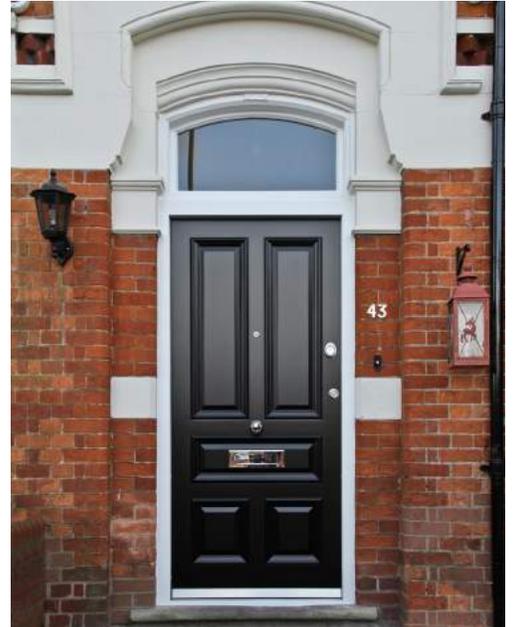


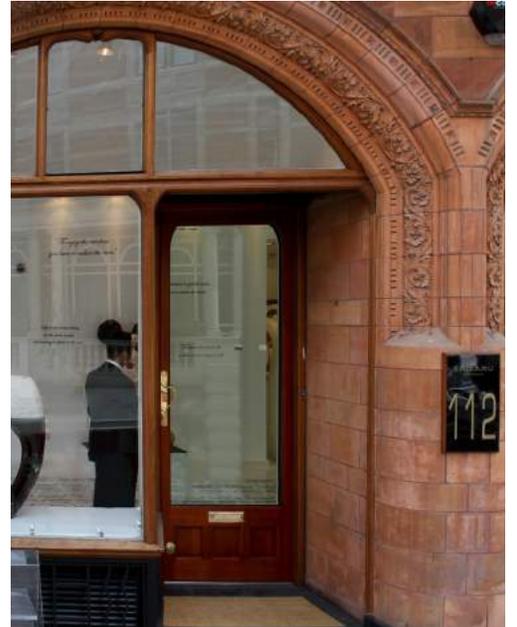


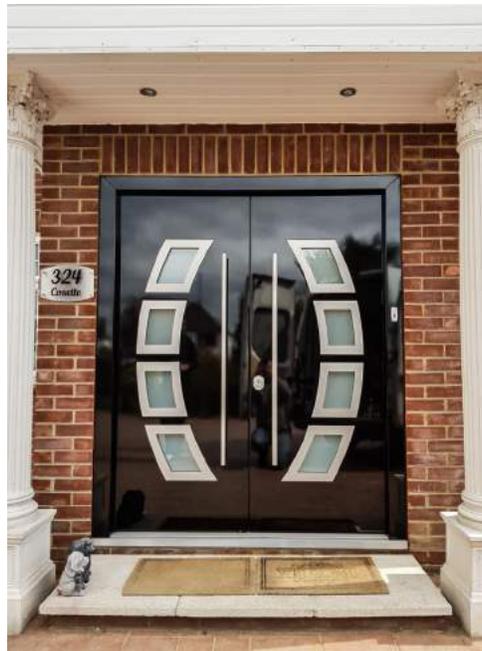
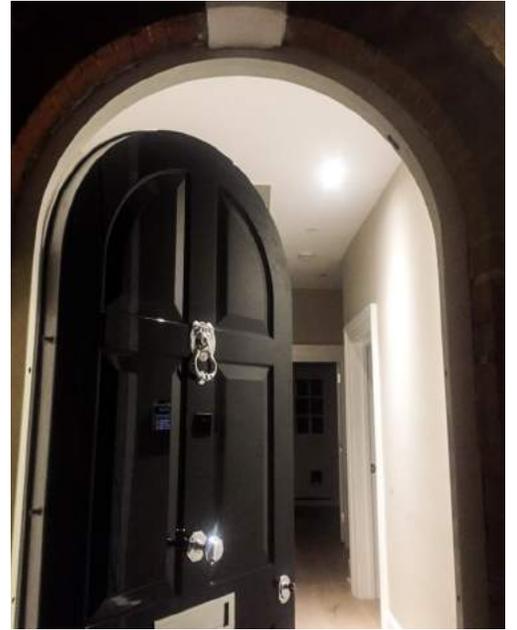


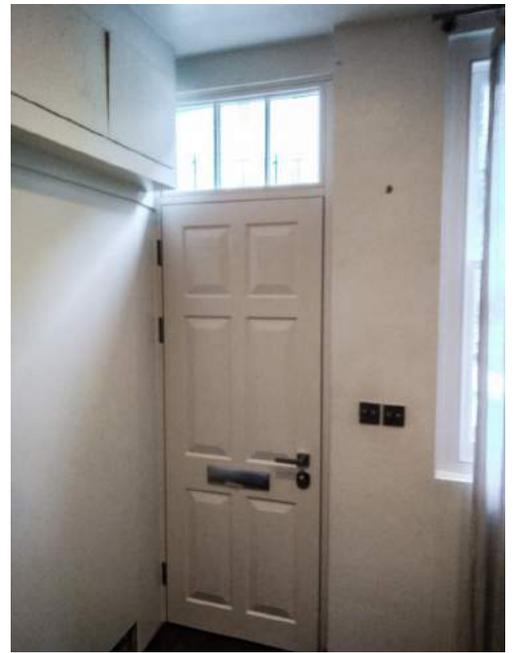


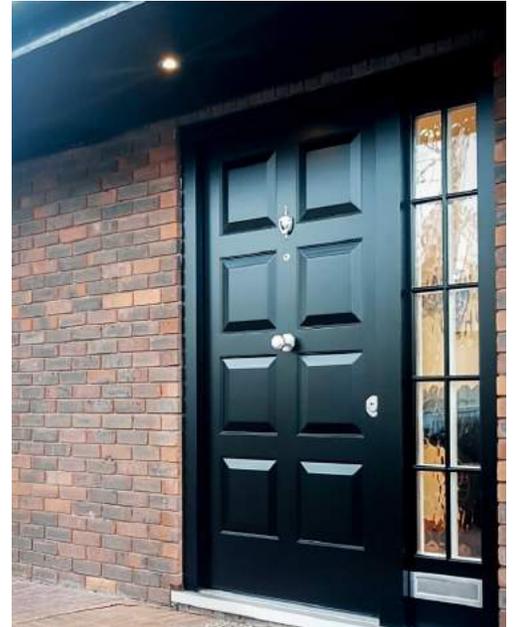
















The only limit to creation is your imagination.



You can rest assured with a FORT Security Door.

Get a free quotation

Our professional staff will gladly provide you with a free, no obligation estimate, they'll patiently walk you through the selection process and explain all your options to you in a friendly manner that will ensure that you've chosen exactly the right model.

Installation

Apart from offering design services for high security doors, windows and panic rooms, we also provide assistance for the installation of these products. You can install our premium quality products yourself, or use the services of our expert fitters, which can save you a lot of time and hassle.



FORT Security Doors
4a Pop In Business Centre,
South Way, Wembley,
London
HA9 0HF
Email:
info@fortsecuritydoors.co.uk
Tel: +44(0) 203 583 0880

Our London showroom is easy to find (just head towards the arch of Wembley Stadium, we're right next door).



FORT North
Unit 15 North Mersey
Business Centre, Woodward
Road, Knowsley Industrial
Park, Kirkby, Liverpool,
Merseyside
L33 7UY
Email: info@fortnorth.co.uk
Tel: +44 (0) 151 345 1571

This office has a number of doors/windows set up showcasing the varying styles and designs but also importantly the levels of security and protection offered.



FORT Engineering
Bramingham Business Park,
Enterprise Way, Luton
LU3 4BU
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info@fortengineering.co.uk
Tel: +44 (0) 1582 592 541

Our state of the art factory is equipped with the latest machinery and technology for the manufacture of premium quality high security doors, secure windows and panic rooms.

FORT
SECURITY DOORS