Beautiful Security

SECURITY DOORS AND WINDOWS FROM SHIELD
Who are we?

Shield Security Doors are the industry leader in the manufacturing, sale and installation of armored doors.

We combine modern manufacturing technology with the best materials possible for the creation of security devices.

With an impressive range of doors to meet every budget, we combine excellence in manufacturing with attention to detail for every product we produce. Even our lower priced products provide a safety and security level that is the envy of our competitors. We are proud to guarantee every door we make.

Shield provides custom-designed security doors to your exact specifications. We manufacture every product that we sell and test them not only for intruder protection, but also for heat and fire resistance. We also ensure they provide an effective sound barrier from the outside world.

When you buy a Shield product you’ll receive the highest professional service. We not only manufacture and sell the best, but we also make sure that they have been installed with the greatest attention to detail possible.

For all enquiries, including our free quotation service, please contact us using the details printed on the back page of this brochure.
Shield 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 expert technicians have been installing security doors and other security products for ten years. They have been thoroughly trained and certified in all aspects of installation.

Beautifully designed and built to our customers’ exact specifications.
Designed by experts and built by computer

Shield Security Doors are made using highly sophisticated computer-controlled design and manufacturing techniques, providing the highest level of precision. In addition, our highly skilled staff ensure the seamlessless of our production processes.

Our skilled operators carefully control and monitor the manufacturing process from start to finish, and apply scrupulous quality control. A Shield door won’t leave the factory until it’s perfect.

Our customers can log in to our website at any time of the design/manufacturing process for an instant check on their order, and to find out when delivery can be expected.

For each design our engineers prepare an individual steel template from which the door will be constructed. To help you secure the door of your choice, we may be able to press other customers’ orders at the same time, and pass the cost saving on to our customers.

“Our doors use five unique in-house manufacturing processes, each of which is covered by a European Patent.

Each door is designed and tested by computer from the initial design stage to production.

The components for each are designed individually and prepared by our team of dedicated programmers.”

In the USA, there is a household burglary every 8.4 seconds. Don’t become another statistic – protect your home and family with Shield Security doors and windows.
A Shield Security Door is certainly stylish to behold, but beneath the attractive exterior hides a formidable and impenetrable barrier.

All door models contain:
- individually formed frames with stainless steel thresholds
- specially formed metal door leaves
- triple-hinges with chrome-plated finishing caps
- four 16mm protective pins for hinges
- dual insulation seals
- durable inside and outside finish
- drilling resistant plates to protect locks

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

Be it a heritage replica or a bespoke design, we use state-of-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.
This shop had been the victim of a burglary in which the original door was completely destroyed. A temporary door (left) was installed by local locksmiths.

For a permanent replacement, the owners naturally wanted a high security door to eliminate the risk of a repeat break-in.

Based on meticulous research, Shield set about designing and building a custom replacement door that matched the specific architecture of the building and its neighbours. They were able to exactly match the brass fittings, and provide a perfect color match. The finished result came complete with Shield’s signature blend of incredible strength and classic design.
A Shield Security Door installed in a Grade 1 listed building in Belgravia, London.

The design and build specification passed the full requirements of Westminster Council, Grosvenor Estates and English Heritage.

All in a day’s work for Shield.

Perfect reproduction
Security for listed buildings
For both of these properties, Shield carried out 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.
After the existing door was smashed to pieces by burglars, Shield set to work to replicate this beautiful door within a conservation area. Accurate measurements, photographs of neighbouring premises and physical samples of the old door were used to engineer an exact replica. The process was completed utilising Farrow & Ball’s classic color pallet.

“Just a note to say how pleased we are with the new front door. The product meets our security needs and looks excellent. We were particularly pleased with the standard of installation carried out by Sergei and his colleague. As a result, if you wish to use this installation as a reference for prospective customers, we shall be glad to show them our installation.”
Shield Security Doors have a heart of steel and will deter the most determined of intruders, but that doesn’t mean that they lack style.

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

Just a few lines to tell you that we are delighted with our new Shield security door. It is a supreme-quality door which now makes our home feel like a fortress. The quality of customer service you provided all throughout was second to none, and the installation was hassle-free. It was a great pleasure doing business with your sales department and dealing with your friendly and professional fitters. I will definitely recommend you to others. Rarely in my life have I felt more satisfied with a purchase!
Our doors are not only strong and stylish, but can also match traditional designs to make sure that your house looks like a home, not a fortress.

This London gallery engaged Shield to design and build a new entrance for them that was in keeping with its historic facade, including a remotely-operated motorized door for ease of entry.

From inside the gallery the door seems deceptively simple, but is in fact incredibly strong, boasting sophisticated technology.
These photographs illustrate the technology, style and strength that went into the installation and also to compliment the interior design of the house.

As proud as we are of our products, we know that the best security door in the world is only as good as its installation. That’s why we use only the best technicians to fit our products in your home.
At the client’s request, Shield installed high security doors between the entrance hall and the garage, as well as interior doors. Each opens effortlessly, yet provides incredible strength and security, and is designed to complement the designer furnishings of this lovely home.

This exclusive home has its own media centre, which the owner naturally wished to be as secure as the rest of this impressive property. Naturally, Shield was up to the challenge of designing and building a custom-made door to the owner’s specifications, complete with additional state-of-the-art technology and finished with luxury materials to match the walls.

A dedicated strong room with high technology digital entry systems provides additional high security storage.

Who else but Shield could complete such a comprehensive installation, providing incredible strength and style throughout?
Shield security doors are suitable for all commercial and retail environments, providing the ultimate security solution whilst retaining the character and charm of their surroundings.
This stylish and contemporary double-width door features solid oak-face panels, fingerprint entry system and ballistic glass. All in a day’s work for Shield Security Doors.

A double-door provides a grand entrance for this grand home, endowed of course with the incredible strength and reassurance that comes with a Shield security door.
We guarantee that all of our products will be fitted in a way that assures your security and safety.

Protect your liquid investments with a Shield security door for your wine cellar.

Designed to your exact specifications with expert installation.
Our bespoke service caters for doors of all shapes and sizes. All incorporate Shield’s incredible strength and stylish design.

Building a successful business is difficult at the best of times, and owners often put their hearts and souls into the enterprise. 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 Shield to help you protect the endeavour of a lifetime with beautiful doors of incredible strength.
Following a burglary, this apartment had a temporary door installed by a local locksmith. The dark marks are remains of a forensic examination by the police. The owner chose the total protection of a Shield level 3 security door. It was produced as an exact replica of the original, but with the added benefit of our ultimate security protection. In addition we added steel plating to the surrounding wall for additional security with the bonus of additional thermal, sound and fire insulation.

Tests and certificates

To ensure the security of our doors we are constantly running tests at the famous IFT Rosenheim testing laboratory in Germany. We never become complacent. We're always looking for ways to improve the security of our doors. We also test our doors to ensure that they remain unchanged over long periods of use simulating the door usage in a home – only we're much harsher on them then you will ever be.

Certification of Bullet resistance

We have a range of bullet-proof doors for customers with special security needs. All ballistic tests were carried out to the strictest German standards.

Certification of Burglar resistance

Burglar resistance tests are also carried out at the IFT Rosenheim laboratory in Germany.

Certification of Fire resistance

Shield Security Doors provide protection against fires – accidental or deliberate. Tests are carried out to meet UK fire ratings as well as regulations in the strictest certified European laboratories.

Certification of Durability: EN1191

Shield doors are automatically opened and closed over 200,000 times to ensure that they still have the same level of security they had the first time they were opened.

Certification of Thermal Transmission

Shield doors are Energy Efficiency-rated to keep the heat in during winter, and the heat out during summer.

Certification of sound insulation

Shield doors are tested to ensure that noisy conditions are kept out.

Certification of Water & wind resistance

Shield doors are designed to withstand heavy rain, roaring wind and buffeting to ensure you are always snug and warm.
Armored locks protected by two drilling-resistant manganese plates. Main and additional locks are installed in protective steel boxes. Security hinges have height adjustment mechanisms. On the hinge side, there are eight 16mm diameter locking bolts. On the lock side, there are six locking bolts and two additional bolts directed upwards and downwards. Each bolt is protected by a steel sleeve in the door frame. The inner door is of a combined structure: grating, steel sheet and grating again. Even if the outside grating was damaged, the door is still protected by the steel plate and inside grating. Double thermal insulation: a 3 cm layer of rock wool on both sides of the steel sheet provides excellent noise and thermal insulation. The entire structure is covered by finishing board whose color and design can selected from an extensive choice. The lock pins are protected against damage not by steel sheet, but by a 15 mm thick bent profile. The frame is fixed in the opening by 17 pins, protected by steel liners of 24 mm.

Testing at the acclaimed IFT laboratory in Rosenheim, Germany witnessed the testers trying to break this door continuously for 77 minutes. They tried crowbars, hammers, cutting and drilling tools but were not able to break in. This door is impenetrable.

After these tests, the Shield Premium door was awarded the 4th security class (WK4 according to EN 1627:2011 standard). At least one of the locks installed in this door model must be no lower than 7th security class. Shield Premium has excellent sound insulation (45 dB) and protects against fire for up to 45 minutes (EI45).

The new Shield Premium FB is a bullet-proof version of the door, which was tested at the Beschussamtes Ulm laboratory in Germany, achieving EN1522 standard. The door 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 bullet-proof glass, and can open both inwards and outwards.

Shield Premium is suitable for both apartments, and external doors for homes and commercial properties.

Certification

<table>
<thead>
<tr>
<th>Property</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sound Insulation</td>
<td>45dB Rw (C;C9)</td>
</tr>
<tr>
<td>Thermal transmittance</td>
<td>1.5 W/m²K</td>
</tr>
<tr>
<td>Burglar resistance</td>
<td>EN 1627:2011 WK4 class 4</td>
</tr>
<tr>
<td>Opening and closing</td>
<td>200,000 cycles</td>
</tr>
<tr>
<td>Fire resistance</td>
<td>EI 45</td>
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<tr>
<td>Bullet resistance</td>
<td>FB 4</td>
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<tr>
<td>Resistance to wind</td>
<td>Class C3</td>
</tr>
<tr>
<td>Air permeability</td>
<td>Class 3</td>
</tr>
<tr>
<td>Water tightness</td>
<td>Class 1A</td>
</tr>
</tbody>
</table>
Shield Standard 2 is a burglar-resistant door that will protect you from a burglar using basic tools. This door has excellent sound and thermal insulation and is suitable both for apartments and private houses, with materials suitable for outdoor conditions. This door can be made fire resistant, and opened inwards or outwards.

**Certification**
- **Sound Insulation**: 43db Rw (C/Ch)
- **Thermal Transmittance**: 1.5W (m²·K)
- **Burglar Resistance**: EN 1627:2011 WK2 class 2
- **Opening and Closing**: 200,000 cycles
- **Resistant to Wind Load**: Class C3
- **Air Permeability**: Class 3
- **Water Tightness**: Class 2A
- **Fire Resistance**: EI 45
- **Mechanical Strength/Rigidity**: Class 4

**Standard Door Set**:
- Door leaf – special bent metal structure; 100% thermal insulation by 50 mm rock wool or foam.
- Door leaf – special bent metal structure; 100% thermal insulation by 50 mm rock wool; total width of the leaf – 75 mm.
- Hinges with supporting bearings, covered with chrome-plated finishing caps – two pieces.
- Protective roll pins for door hinges (16 mm Ø) – two pieces.
- Insulation seals – four pieces.
- Peephole (14 mm Ø).
- Outside and inside door leaf finish – UMIDAX - HLS board.
- Outside architraves.
- Locks
- One of the locks is protected by drilling resistant plate.

The Shield Standard 2 was tested by the IFT Rosenheim laboratory in Germany and was awarded security class 2 (WK2) according to the ENV-1627:2011 standard, where the locks must be no lower than security class 5.

**Designed for medium risk of burglary**

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Shield Standard 3 is a burglar-resistant door that will protect your property from a burglar using heavy-duty tools. The Shield Standard 3 door was designed by applying Shield’s extensive research of methods of burglary and all possible ways of forced entry. This door has excellent sound and thermal insulation and is suitable for both apartments, and external doors for homes and commercial properties.

**Certification**
- **Sound Insulation**: 43db Rw (C/Ch)
- **Thermal Transmittance**: 1.5W (m²·K)
- **Burglar Resistance**: EN 1627:2011 WK3 class 3
- **Opening and Closing**: 200,000 cycles
- **Resistance to Wind Load**: Class C3
- **Air Permeability**: Class 3
- **Water Tightness**: Class 2A
- **Fire Resistance**: EI 45
- **Mechanical Strength/Rigidity**: Class 4

**Standard Door Set**:
- Door frame - bent L-shaped profile of 100 mm, fixed in the door aperture by 16 pins, protected from cutting by steel liners of 24 mm. Thermal insulation by rock wool or foam.
- Door leaf – special bent metal structure; 100% thermal insulation by 50 mm rock wool; total width of the leaf – 75 mm.
- Hinges with supporting bearings, covered with chrome-plated finishing caps – two pieces.
- Protective roll pins for door hinges (16 mm Ø) – two pieces.
- Insulation seals – four pieces.
- Peephole (14 mm Ø).
- Outside and inside door leaf finish – UMIDAX - HLS board.
- Outside architraves.
- Locks
- One of the locks is protected by drilling resistant plate.

The Shield Standard 3 door is resistant to all of the above burglary tools, and achieves class 3 (WK3) by EN 1627:2011.

**Designed for high risk of burglary**

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Shield Standard 3 is a burglar-resistant door that will protect you from a burglar using basic tools. This door has excellent sound and thermal insulation and is suitable both for apartments and private houses, with materials suitable for outdoor conditions. This door can be made fire resistant, and opened inwards or outwards.

**Certification**
- **Sound Insulation**: 43db Rw (C/Ch)
- **Thermal Transmittance**: 1.5W (m²·K)
- **Burglar Resistance**: EN 1627:2011 WK2 class 2
- **Opening and Closing**: 200,000 cycles
- **Resistance to Wind Load**: Class C3
- **Air Permeability**: Class 3
- **Water Tightness**: Class 2A
- **Fire Resistance**: EI 45
- **Mechanical Strength/Rigidity**: Class 4

**Standard Door Set**:
- Door leaf – special bent metal construction with 100% thermal insulation by two 50 mm rock wool sheets. Total width of the leaf is 75 mm. With a protective plate to prevent drilling of the lock.
- Hinges with supporting bearings, covered with chrome-plated finishing caps – two pieces.
- Protective pins for door hinges – two roll pins 16 mm Ø, four stable pins 12 mm Ø.
- Insulation seals – two pieces.
- Additional fire resistant seal if the door has to be fire resistant.
- Peephole.
- Outside architraves.
- Locks – optional, but no lower than 3rd security class.

The Shield Standard 2 door is resistant to all of the above burglary tools, and achieves class 2 (WK2) by EN 1627:2011.

**Designed for medium risk of burglary**

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Shield Standard 2 is a burglar-resistant door that will protect your property from a burglar using heavy-duty tools. The Shield Standard 2 door was designed by applying Shield’s extensive research of methods of burglary and all possible ways of forced entry. This door has excellent sound and thermal insulation and is suitable both for apartments, and external doors for homes and commercial properties. This door can be made fire resistant, and opened inwards or outwards.

**Certification**
- **Sound Insulation**: 43db Rw (C/Ch)
- **Thermal Transmittance**: 1.5W (m²·K)
- **Burglar Resistance**: EN 1627:2011 WK3 class 3
- **Opening and Closing**: 200,000 cycles
- **Resistance to Wind Load**: Class C3
- **Air Permeability**: Class 3
- **Water Tightness**: Class 2A
- **Fire Resistance**: EI 45
- **Mechanical Strength/Rigidity**: Class 4

**Standard Door Set**:
- Door leaf – special bent metal structure; 100% thermal insulation by 50 mm rock wool or foam.
- Door leaf – special bent metal structure; 100% thermal insulation by 50 mm rock wool; total width of the leaf – 75 mm.
- Hinges with supporting bearings, covered with chrome-plated finishing caps – two pieces.
- Protective roll pins for door hinges (16 mm Ø) – two pieces.
- Insulation seals – four pieces.
- Peephole (14 mm Ø).
- Outside and inside door leaf finish – UMIDAX - HLS board.
- Outside architraves.
- Locks
- One of the locks is protected by drilling resistant plate.

The Shield Standard 3 door is resistant to all of the above burglary tools, and achieves class 3 (WK3) by EN 1627:2011.

**Designed for high risk of burglary**

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Certificates from the Laboratory for Ballistic Research to EN 1063 level BR6 S
Security & great design from Shield

The New Shield Security Sash Window

Shield has a reputation for building some of the most beautiful and efficient security doors in the world.

Our clients include celebrities, professional athletes, oil sheikhs, and Embassies, who trust us to help protect the things most dear to them. They know our combination of incredible strength and cutting edge design will be the perfect fit for their homes or businesses.

Shield are renowned for producing the best security products available and now we are proud to introduce the perfect addition to our range – our new super-strong Security Sash Window.

Our Patent Applied for Security Sash Windows have panes that cannot be removed and with three separate locks, they’re impossible to break open.

The perfect addition to our security doors and panic rooms, our Security Sash Windows are built with the same incredible style, attention to detail and high-grade materials. They open and close effortlessly, but are resistant to every form of assault, easily able to withstand crowbars, screwdrivers, drills, and even bullets.

Every one of our windows is made individually to order, assembled and rigorously tested in our dedicated factory before delivery. All of which means that they provide a totally secure, cozy, thermally efficient and sound proofed interior for your home or business.

And don’t worry, far from making your precious home look like a fortress, these amazing windows not only look fabulous, but will ensure that no unwanted visitors come calling.

Conservation Areas

No problem for Shield. We can replicate any existing sash window, right down to the tiniest detail. So precisely in fact, that no-one could ever tell that you have installed new windows.

Burglar resistant or bulletproof?

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.
**MulTlock** Class 5

by EN 12209

Mul-T-Lock’s MTS, the 5th generation patented state-of-the-art High Security cylinder platform, with built-in experience of 3 decades, features an advanced security concept that combines several powerful elements: the patented Alpha Spring located at the tip of the key, a magnetic key duplication card, and a dedicated computerized key-cutting machine - the KC5.

**Cisa** Class 7

Electronic locks by EN 12209

The CISA lock features an electronic motor which is operated using a digital transponder, like a remote control. Alternatively you may choose a microchipped card (which cannot be copied), or a biometric scanner. The system can even be managed using a mobile phone.

**Mottura** Class 7

by EN 12209

**MOTTURA 85783**

- Armored cylinder lock. Locks in three directions. Original CHAMPIONS cylinder with the protection DEFENDER.
- Higher security lock. The lock has a unique patented MOTTURA security system against knocking or pulling out the cylinder. If the cylinder is broken and pulled out while the lock is locked, the lock blocks up and cannot be unlocked.
- Made in Italy
- Warranty – 3 years
- 5 small patented keys
- 7 locking points
- 7 security class

**ekey**

Fingerprint scanners offer the ultimate in biometric security. They are convenient, affordable, safe and reliable.

The scanner analyses each fingerprint swipe to provide a unique thermal signature and a special code to open the door. Up to 99 different fingerprints can be stored, and adding or removing authorized fingerprints is easy.
At Shield we consider it our job to reassure and protect, rather than frighten. But we also know that for some of our clients there is a real risk of harm from the outside world, and we need to provide protection and reassurance for them.

Panic, or safe rooms, are there to provide an ultra-safe location inside your home, where you and your family can retreat during a robbery or other threat. Think of a panic room as a vault for your most valuable asset, your family.

Usually the door is made from a double-core metal with a heavy deadbolt where the need for a key is eliminated.

If you need to use your panic room, then 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’s 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 walls from floor to ceiling for structural continuity.
- We use steel studs for our walls, and brace them with reinforcing ties, then cover them with bullet resistant material such as Kevlar.
- We cover the bullet resistant material with sheetrock, tile or other decorative finishes.
- We overlap resistant sheets to ensure there are no weak points.
- We incorporate all necessary facilities such as wiring, plumbing and ventilation (evaluating the potential threat of poisonous gases) and build according to the threat.
- Our floors are concrete whenever possible, and reinforced to allow for the added weight of the room.
- Doors are bullet-resistant with internal steel framing. We also use hardware that can provide substantial, secure locking.
- Sound insulation prevents attackers from hearing you, or you hearing them.
- We incorporate the finest surveillance and computer equipment.