

## Security doors

Fully tested internal security doors suitable for use, for example, as entrance doors to apartments within a residential building (not for external use).

We offer these doors to two standards:



**ShadPAS** security doors have successfully completed a full programme of independent testing to PAS 24 and PAS 23-1 and achieved a Pass in all aspects. They are suitable for most common security requirements including the Building Regulations Part Q for dwellings. See 2<sup>nd</sup> page for more on these doors.

**ShadSecure** doorsets provide a higher standard of security, having achieved the LPS 1175: Issue 7 SR2 rating in independent tests. See 3<sup>rd</sup> page for more on these doors.



## ShadPAS Security doors

- ShadPAS doors have been successfully tested to PAS 24 and can be used to meet the security requirements of Building Regulations Approved Document Q *Security – Dwellings*.
- Security testing has been carried out on conventionally installed and operable doors.
- Can also be supplied with up to 60 minutes fire resistance and with acoustic performance.
- Available as door leaves only or as doorsets.
- The doors are timber-based and can be matched to other doors in a scheme.
- Can be supplied with PVC laminate facings for greater impact resistance.

### Door construction

High density solid chipboard core giving consistent performance and durability without subfacings or internal framing. Doors and frames are purpose



made, with considerable freedom to choose from a wide range of finishes. Frame design, profiles and dimensions can be varied to suit specifiers' requirements, subject to any performance limitations. Frames must be rebated; planted stops

are not possible. Shadbolt can also supply assembled and braced subframes with all doors if required.

### Ironmongery

Doors can be supplied with essential ironmongery supported by test evidence to meet the security requirements of PAS 24 or other acceptable standards under Building Regulations Part Q.

### Sizes

Purpose-made to sizes required (within limits). Performance validated by independent testing.

### Appearance

Doors can be fully finished in controlled conditions in our works to ensure high quality. A matched and

co-ordinated appearance can generally be achieved for all doors in a building. Finishes include:

Wood veneers with various factory-applied finishes including semi-matt lacquer, Specula high-gloss clear polyester finish, or Paintmaster enamel satin lacquer finish in any BS or RAL colour.

Patina high-gloss sprayed polyester lacquer finish or Signal semi-matt sprayed polyurethane lacquer finish, both available in any BS, RAL or Dulux Colour Dimensions colour.

**Laminates:** any colours or patterns of plastic laminate from major UK suppliers. High impact PVC laminate facings.

### Security

ShadPAS doors have been fully tested to PAS 24 and PAS 23-1 and achieved a Pass in all aspects; independently certified by a UKAS accredited organisation. Tests carried out on normally installed and operable doors of standard construction.

The doors can be used to meet the security requirements of Building Regulations Approved Document Q *Security – Dwellings: Requirement Q1: Unauthorised access* by virtue of this testing. The relevant application is where an easily accessible door gives access into a flat from the common parts of a building.

Additional requirements may apply for letter plates, door viewer, door chain, door limiter or an entry system where, for example, warden emergency access is needed.

### Fire resistance

Doors have been tested to BS 476: Part 22 in a range of configurations, and can provide 30 minutes or 60 minutes fire resistance (FD30 or FD60), with cold smoke resistance where required. Fire performance is assured by ongoing independent third party certification. Authoritative assessments can be provided for variations from a tested door design.

### Acoustic performance

Security doors can be fitted with suitable acoustic seals to achieve significant sound reduction. *See our Acoustic doors brochure or website.*

### Durability

ShadPAS doors achieve the Severe duty classification, the highest possible, to EN 1192 and EN 1191. This rating enables the doors to be used in the most demanding applications where they are likely to be subjected to frequent use and abuse.

## ShadSecure Security doorsets

- ShadSecure doorsets have achieved SR2 grade under testing to LPS 1175: Issue 7. They can be used to meet security requirements greater than those of Building Regulations Approved Document Q *Security – Dwellings*.
- Security testing has been carried out on conventionally installed and operable doors.
- Available as doorsets only.
- The doors are timber-based and can be matched to other doors in a scheme.
- Can be supplied with PVC laminate facings for greater impact resistance.

### Door construction

Composite timber core giving consistent performance and durability without subfacings or internal framing. Doorsets are purpose-made, with some freedom to choose from a wide range of finishes.

Door frame design, profiles and dimensions can be varied to suit requirements, subject to any performance limitations. Frames must be rebated; planted stops are not possible. Shadbolt can also supply assembled and braced subframes with all doors.

### Ironmongery

Doorsets are supplied with essential ironmongery supported by relevant test evidence to meet the security requirements of LPS 1175: Issue 7 SR2. Contact Shadbolt technical department for more information.



### Sizes

Purpose-made to sizes required (within limits). Performance validated by independent testing.

### Appearance

Doors can be fully finished in controlled conditions in our works to ensure high quality. A matched and co-ordinated appearance can generally be achieved for all doors in a building. Finishes include:

Wood veneers with various factory-applied finishes including semi-matt lacquer, Specula high-gloss clear polyester finish, or Paintmaster enamel satin lacquer finish in any BS or RAL colour.

Patina high-gloss sprayed polyester lacquer finish or Signal semi-matt sprayed polyurethane lacquer finish, both available in any BS, RAL or Dulux Colour Dimensions colour.

**Laminates:** any colours or patterns of plastic laminate from major UK suppliers.

High impact PVC laminate facings (special treatment required).

### Security

ShadSecure doorsets achieve the LPS 1175: Issue 7 SR2 rating in independent tests, carried out on conventionally installed and operable doors.

These doorsets will meet more demanding security requirements than those of Building Regulations Part Q for dwellings.

See ShadPAS doors on the previous page for Building Regulations standards.

### Fire resistance

ShadSecure latched single-acting single doorsets can provide 30 minutes fire resistance (FD30). Fire performance is assured by ongoing independent third party certification.



LPS 1175: Issue 7  
Cert/LPCB Ref: 1470a



## ShadPAS and ShadSecure doors and doorsets

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### Specification

Specification clauses are given in NBS Plus at [www.thenbs.com](http://www.thenbs.com) or on our website. Because our products are purpose-made, specifiers should consult Shadbolt when preparing a specification. We can provide computerised door schedules allowing quick and accurate revisions, enabling us to easily handle many variants in large and complex projects.

### Installation and maintenance

Correct installation of a door is fundamental to its performance, and it is strongly recommended that doors are installed by an accredited installer. Shadbolt can supply instructions for fitting security doors. Regular inspection and maintenance are essential to ensure that doors retain their design performance throughout their life.

*For more information please contact our technical department.*

