

# REPLACEMENT WINDOWS AND DOORS



FIRST PRINCIPLE

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## Top Tips

- PAS 24 (2016) is the security standard you should ask for when choosing replacement doors/windows.
- [www.securedbydesign.com](https://www.securedbydesign.com) contains details of police preferred specification doors and windows.
- FENSA refers to glazing and insulation but not the level of security.

**If you're thinking of replacing your windows or doors, make sure you check the security standards.**

## Replacement Windows and Doors

There are many installers who will sell you beautiful new windows and doors but unless you know what to look for you could be seriously compromising the security of your home or missing the opportunity to improve it.

There are new standards in the Building Regulations that apply to windows and doors in all **new** homes.

These standards don't apply to home improvements so in effect it's unregulated.

You may be told that your new windows are approved by FENSA (Fenestration Self-Assessment Scheme) but this really only looks at glazing and thermal performance.

If you want your windows to be safe, ask the installer/supplier for confirmation that the windows they are fitting comply to PAS24:2016. The following standards are also acceptable.

- STS 204 Issue 3:2012
- LPS 1175 Issue 7:2010 security rating 1
- LPS 2081 Issue 1:2015 security rating A

The only way to check this is to ask to see their test certificates. It's also good practice to ask to see the relevant kitemark on the window frame. (See SBD website)

Ensure that the glazing used in

ground floor and otherwise accessible windows has at least one sheet of 6.8mm laminated glass in the sealed unit (PAS 24 doors use laminated glass as a matter of course).

## Replacement Doorsets

If you're replacing an external door and frame, it's likely that you will choose a bespoke doorset.

Whichever door you're replacing i.e. front and rear doors, interconnecting garage doorsets, French doors, bi-fold or sliding patio doorsets, they should all be certificated to one of the following standards:

- PAS 24:2012 (*Note 21.1b*);
- PAS 24:2016 (*Note 21.1b also applies*); or
- STS 201 Issue 4:2012 (*Note 21.1c*); or
- LPS 1175 Issue 7.2 (2014) Security Rating 2+ (*Note 21.1d*); or
- STS 202 Issue 3 (2011) Burglary Rating 2 (*Note 21.1d*); or
- LPS 2081 Issue 1 (2015) Security Rating B+ (*Note 21.1e*)

As before, ask for confirmation and ask to see the Kitemark on the frame.

Letter plates should have a maximum aperture of 260mm x 40mm and be designed to hinder anyone from removing keys with a stick or by inserting their hand, by

incorporating a flap or other feature to restrict access.

The main door into a dwelling should have a viewer or other means to see callers, such as clear glass either in the door or adjacent window, and be fitted with a door chain or door limiter.

One pane of laminated glass meeting, or exceeding, the requirements of BS EN 356:2000. should be installed to new doors, glazed side panels adjacent to integral doorframes and windows adjacent to doorsets where the glazing is within 400mm of the door. We recommend fitting good quality door chains or bars.

### **Other Related Information**

If you're replacing your windows and not your doors, consider the following.

Not all multi point locks are secure. If your locking cylinders in your doors don't conform to TS007, they will be vulnerable to lock snapping.

Thieves are able to quickly snap the cylinders in some doors giving them access to the locking mechanism.

Consider replacing all your locking cylinders with new break secure cylinders complying to TS007. More information is included in our lock snapping leaflet.

### **A bit about PAS24**

PAS (Publicly Available Specification) is a document written by stakeholders from the industry and published by BSI.

PAS 24 covers windows and doors including front and rear doors, interconnecting garage doorsets, French doors, bi-fold or sliding patio doorsets.

PAS 24 provides a method for testing and assessing the enhanced security performance requirements of external doorsets and windows. It covers doorsets and windows of all material types. Products are still required to meet the material specific requirements as detailed by the product standards for doorsets and window.

Choosing a PAS 24 doorset or window is a guarantee that the product conforms to the Enhanced Security Requirements.

BSI carry out regular inspections of companies they Kitemark to PAS 24 to ensure they continue to manufacture to a consistently high standard as the original doors and windows that they submitted for testing.

More information can be found on the Secured by design website using the following link

<https://www.securedbydesign.com/guidance/standards-explained>

# First Principle: Related links

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## Ask the Police

Official Police Resource. The Ask the Police website provides you with information on a wide range of non-emergency policing matters.

[askthe.police.uk](http://askthe.police.uk)

## Secured by Design

Official UK Police initiative that combines the principles of 'designing out crime' with physical security.

[securedbydesign.com](http://securedbydesign.com)

## Sold Secure

Dedicated to reducing the risk of crime by assessment of security products.

<https://www.soldsecure.com/>

## Crimestoppers

An independent charity that gives people the power to speak up to stop crime 100% anonymously, by phone 0800 555 111 or online.

<https://crimestoppers-uk.org/>

## Victim Support

Covering the whole of Norfolk and Suffolk, a free, confidential support service specifically designed to help victims and witnesses of any crime.

Contact us on:

Phone: 0300 303 3706 (weekdays between 8am-5pm)

Email: [nsvictimcare@victimsupport.org.uk](mailto:nsvictimcare@victimsupport.org.uk)

Web: [www.nsvictimcare.org](http://www.nsvictimcare.org)

Socials: @nsvictimcare

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Call us on 101. Always dial 999 in an emergency

**To see the full range of information go to:**

[suffolk.police.uk/firstprinciple](http://suffolk.police.uk/firstprinciple) or

[norfolk.police.uk/firstprinciple](http://norfolk.police.uk/firstprinciple)

Or alternatively use your mobile phone to scan this QR code.

