

# When security, quality and safety matter, trust the **BSI Kitemark™**



## Why is the BSI Kitemark™ important?

If you're looking to differentiate your products in the marketplace, and are looking for experts with the recognized industry knowledge to help you launch your product and give it the trusted recognition to open up new markets, we're here to help.

In order to achieve a BSI Kitemark, manufacturers submit samples of products that are to carry the quality mark to our laboratory for third-party testing. We put windows, doorsets and glass through their paces against multiple standards. We test products against the critical aspects of security and we don't just test products once, we'll check them time and again for consistency and quality.

In every case, performance is tested in line with the recommendations of the appropriate standard. Quality of materials are also considered, along with the quality control and production management systems used by the manufacturer.

## What's the difference between CE marking on a product and the BSI Kitemark™?

CE marking on a product is mandatory to show it meets the minimum legal requirements to allow it to be placed legally on the market in any European member state. Whilst CE marking looks at the safety of a product, reliability or quality are not necessarily tested. CE marking is not accepted by Secured by Design.

A BSI Kitemark proves a product has been tested over and above minimum legal requirements on an ongoing basis to make sure that standards do not slip or change over time. This is voluntary.









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	CE marking (AVCP system 3)	BSI Kitemark™
Factory production control required	Yes	Yes
Factory production control inspected and assessed by third-party		Yes
Initial type testing of system	Yes	Yes
Initial type testing of sample manufacturer by fabricator		Yes
Annual testing of production samples		Yes



...making excellence a habit.™

# Core standards for windows, doors, glass glazing and installation which we can certify and test.

Standard	Specification Name	
<b>Windows and doors</b>		
<b>BS 7412:2007</b>	Specification for windows and door sets made from unplasticized polyvinyl chloride (PVC-U) extruded hollow profiles	
<b>BS EN 12608:2003</b>	Unplasticized polyvinylchloride PVC-U profiles for the fabrication of windows and doors. Classification, requirements and test methods	
<b>BS 4873:2009</b>	Aluminium alloy windows and door sets. Specification	
<b>BS 644:2012</b>	Timber windows and doorsets. Fully finished factory assembled windows and doorsets of various types. Specification	
<b>BS 8529:2010</b>	Composite door sets. Domestic external door sets. Specification	
<b>BS 6375-1:2009</b>	Performance of windows and doors. Classification of weathertightness and guidance on selection and specification	
<b>BS 6375-2:2009</b>	Performance of windows and doors. Classification for operation and strength characteristics and guidance on selection and specification	
<b>BS 6375-3:2009+A1:2013</b>	Performance of windows and doors. Classification for additional performance characteristics and guidance on selection and specification	
<b>BS EN 14351-1:2006 +A1:2010</b>	Windows and doors — Product standard, performance characteristics	
<b>Security</b>		
<b>PAS 24:2012</b>	Enhanced security performance requirements for door sets and windows in the UK	
<b>Door and window installation</b>		
<b>BS 8213-4</b>	Windows doors and rooflights. Code of practice for the survey and installation of windows and external doorsets. Also incorporates the competent persons scheme relating to part L and PAS2030 Green Deal annex B3	

Standard	Specification Name	
<b>Glass and glazing</b>		
<b>BS EN 1279-2</b>	Long term test method for requirements and moisture penetration	 
<b>BS EN 1279-3</b>	Long term test method and requirements for gas leakage rate and for gas concentration tolerances	 
<b>BS EN 12150</b>	Glass in building — Thermally toughened soda lime silicate safety glass	 
<b>BS EN 14179</b>	Glass in building — Heat soaked thermally toughened soda lime silicate safety glass	 
<b>BS 3193</b>	Toughened glass, thermally toughened glass for use in domestic appliances	
<b>BS EN 14449</b>	Glass in building — laminated glass and laminated safety glass. Evaluation of conformity product standard	 
<b>BS MA 25</b>	Ships windows	
<b>BS 857</b>	Safety glass for land transport	
<b>BS EN 356</b>	Security glazing — Testing and classification of resistance against manual attack	
<b>BS EN 1288-3</b>	Glass in building — Determination of the bending strength of glass	
<b>BS EN 12600</b>	Glass in building — Pendulum test — Impact test method and classification for flat glass	
<b>BS EN 1863</b>	Glass in building — Heat strengthened soda lime silicate glass	
<b>BS ISO 21005</b>	Ships and marine technology — Thermally toughened safety-glass panes for windows and side scuttles	
<b>Window Energy Rating</b>	The Kitemark scheme Window Energy Rating is based on the approved document L1B of the Building Regulations.	

Individual Fabricators can supply BSI with the appropriate simulation information, and undergo a visit if necessary to qualify for a BSI Kitemark.

System supplier schemes

There are two options for system suppliers.

1. The full group scheme with the ability for fabricators to be sub-licenceses.
2. Evaluation of system simulation, the system supplier obtains approval for all their current window simulation, but will not result in a system supplier WER BSI Kitemark certificate.



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