

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


Windows and doors

BS 7412:2007	Specification for windows and door sets made from unplasticized polyvinyl chloride (PVC-U) extruded hollow profiles	
BS EN 12608-1:2016	Unplasticized polyvinylchloride PVC-U profiles for the fabrication of windows and doors. Classification, requirements and test methods	
BS 4873:2016	Aluminium alloy windows and door sets. Specification	
BS 644:2012	Timber windows and doorsets. Fully finished factory assembled windows and doorsets of various types. Specification	
BS 8529:2010	Composite door sets. Domestic external door sets. Specification	
BS 6375-1:2015	Performance of windows and doors. Classification of weathertightness and guidance on selection and specification	
BS 6375-2:2009	Performance of windows and doors. Classification for operation and strength characteristics and guidance on selection and specification	
BS 6375-3:2016+A1:2013	Performance of windows and doors. Classification for additional performance characteristics and guidance on selection and specification	
BS EN 14351-1:2006 +A2:2016	Windows and doors — Product standard, performance characteristics	

Security











PAS 24:2016	Enhanced security performance requirements for door sets and windows in the UK	
TS 008	Enhanced security and general requirements for letter plate assemblies and slide through boxes	

Door and window installation

BS 8213-4	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	
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Standard Specification Name

Glass and glazing

BS EN 1279-2	Long term test method for requirements and moisture penetration	 
BS EN 1279-3	Long term test method and requirements for gas leakage rate and for gas concentration tolerances	 
BS EN 1279-5	Glass in building. Insulating glass units. Evaluation of conformity	 
BS EN 12150	Glass in building — Thermally toughened soda lime silicate safety glass	 
BS EN 14179	Glass in building —Heat soaked thermally toughened soda lime silicate safety glass	 
BS 3193	Toughened glass, thermally toughened glass for use in domestic appliances	
BS EN 14449	Glass in building – laminated glass and laminated safety glass. Evaluation of conformity product standard	 
BS MA 25	Ships windows	
BS 857	Safety glass for land transport	
BS EN 356	Security glazing – Testing and classification of resistance against manual attack	
BS EN 1288-3	Glass in building – Determination of the bending strength of glass	
BS EN 12600	Glass in building — Pendulum test — Impact test method and classification for flat glass	
BS EN 1863	Glass in building — Heat strengthened soda lime silicate glass	
BS ISO 21005	Ships and marine technology — Thermally toughened safety-glass panes for windows and side scuttles	
Window Energy Rating	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-licencees.
- 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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