

Guide to Security Standards for Doors & Windows

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This leaflet is an aid to help you determine whether a product has the appropriate level of security for its application and risk factor. It is a clear comparison between established security standards appropriate for the protection of windows and doors against burglary. For more details please refer to the actual standards or see the websites listed below.

To ensure that a product conforms to these standards, it is important that products be certified by a UKAS accredited certification body rather than be type tested. Certification ensures that the manufacturer continues to produce products to this high standard, particularly relevant for higher risk situations.

To verify certification, ask to see a valid certificate or check with the relevant certification body.

	<i>Application</i>		<i>Minimum Performance Required</i>	<i>Notes</i>
<p>The selection of the appropriate physical protection for windows and doors will depend on a number of issues including the following:</p> <ul style="list-style-type: none"> The location of the door/window. The location of the property. The value of the property. The value or desirability of the goods or information within the premises. The risks relating to the loss of, or interruption to business. The use of additional security products and technology, including CCTV, intruder detection equipment and asset market systems. <p>The standards of product performance specified in this chart should therefore be considered to be a MINIMUM for the levels of risk.</p>	<p>HIGH RISK Very high security Doorsets. LPS1175 SR 5 certification is a minimum standard for high risk situations.</p>		<p>LPS1175 Security Rating (SR) 6</p>	<p>Products certified to these security standards have resisted a series of professional attack tests each lasting up to 30 minutes using a wide variety of powerful mains operated tools.</p>
			<p>LPS1175 SR 5</p>	
	<p>MEDIUM RISK Doorsets or Rolling Shutters for door and window openings. LPS1175 SR 3 certification is a minimum standard for medium risk situations.</p>		<p>LPS1175 SR 4</p>	<p>Products certified to these security standards have resisted a series of professional attacks, each lasting up to 30 minutes (SR 4) or 20 minutes (SR 3), using a wide variety of battery operated power tools.</p>
			<p>LPS1175 SR 3</p>	
	<p>LOW RISK Doorsets, Rolling Shutters, Security Grilles or Windows for door and window openings. BS.PAS 24 or LPS1175 SR 1 certification is a minimum standard for low risk situations.</p>		<p>LPS1175 SR 2</p>	<p>Products certified to these security standards have resisted a series of professional attacks, each lasting up to 15 minutes (SR 2 & PAS 24) or 10 minutes (SR 1) using a variety of hand tools such as hammers, crowbars, chisels and hacksaws.</p>
			<p>BS.PAS 24¹</p>	
			<p>LPS1175 SR 1 and BS7950²</p>	
	<p>MINIMUM Locking devices for doors & windows. Locks should be independently certified to BS3621 or incorporate cylinders that have been independently certified to EN1303, as a minimum protection.</p>		<p>BS3621 and EN1303 Grades 4-6</p>	<p>These standards cover the mechanical performance of the lock-set or cylinder for doors. They do not guarantee the resistance of the door to which they are fitted, although they can enhance the resistance to certain forms of attack.</p>

These standards relate to levels of physical security and do not cover other aspects of performance that may be desirable, such as fire resistance, weather tightness and durability. Standards exist which cover these other aspects and should be considered according to intended use of the product.

1) Door glazing may influence security and should therefore be a minimum of 6.8mm laminated glass. PAS 24 excludes the glazing from the test. For comparison, PAS 24 can be considered higher than SR 1, but lower than SR 2.

2) BS7950 is a standard for windows, but excludes resistance to breakage of the glazing and attack of frame fixings. It is therefore not a comprehensive security test.



www.brecertification.co.uk



www.securedbydesign.com



www.bsia.co.uk

This leaflet has been prepared with the support of the above organisations. It should not be inferred that these organisations endorse specific products that meet these security standards, as each organization has criteria for accrediting a particular company or product. No commercial reference to these organisations or their logos may be made without the written agreement of the organisations concerned.