Bereco

THE NEW PART Q & WHAT IT MEANS FOR YOU

SUSTAINABLE.
SECURE.
FUNCTIONAL.
BEAUTIFUL.

Quality and service are the heart of Bereco; only sustainably sourced engineered softwood and hardwood goes into the manufacture of our wooden windows and doors. Complete with the most advanced coating systems, the finest ironmongery along with extensive accreditations and warranties.

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Our Certification

At Bereco simply manufacturing timber windows and doors to comply with a list of standards is not enough. Our investment in certification and accreditations is testament to our commitment to quality and performance.

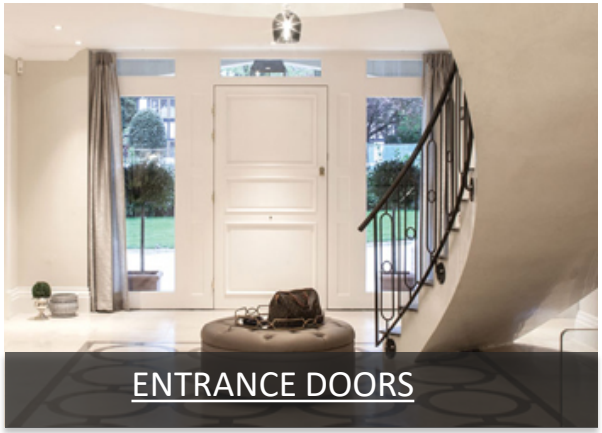
BS6180:2011

CE

SLIDING SASH WINDOWS

CASEMENT WINDOWS

TILT & TURN WINDOWS


ENTRANCE DOORS

CREATIVE ENTRANCE DOORS

FRENCH DOORS

SLIDING PATIO DOORS

FOLDING SLIDING DOORS

FEATURE WINDOWS

Overview of this CPD

- To define what are easily accessible windows and doors outlined in Part Q.
- To offer an understanding of the standards of security performance needed for compliance with Part Q.
- To detail the different ways in which specified products comply with Part Q.
- Provide an outline of optional routes to specification of Part Q compliant windows and doors.
- Understand the relationship between Part Q and Secured by Design

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What is Part Q?

Part Q came into force in October 2015 and it outlines the security performance standards for **easily accessible** external windows and doors to prevent unauthorised access.

It applies to **new homes** in England & Wales.

It applies to existing buildings that are being **converted into new homes** i.e. warehouses and barns.

It **does not apply to the replacement** of windows and doors in an existing dwelling including that of an extension or conservatory.

It **does not include hotels**.

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What products fall under the scope of Part Q?

- All easily accessible windows.
- Roof windows & skylights.
- All entrance door sets.
- Communal entrance door sets (flats/apartments)
- Garage doors or personnel doors if there is access to the house from the garage.

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What defines easily accessible?

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A window or doorway, any part of which is within 2m vertically of an accessible level surface such as the ground or basement level, or an access balcony.

Or; a window within 2m vertically of a flat or sloping roof (with a pitch of less than 30˚) that is within 3.5m of ground level.

What are the security performance standards?

The new Part Q demands **PROVEN** security performance of windows and doors to the requirements of British Standards **PAS24:2012** or **PAS24:2016**.

PAS24:2012 and **PAS24:2016** are both rigorous security test regimes whereby windows and doors are subjected to tests that simulate the means of entry by a casual or opportunistic burglar. Including; manual attack of the glazing infill, sash and frame using various tools in a stipulated time period.

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Security Standards Video

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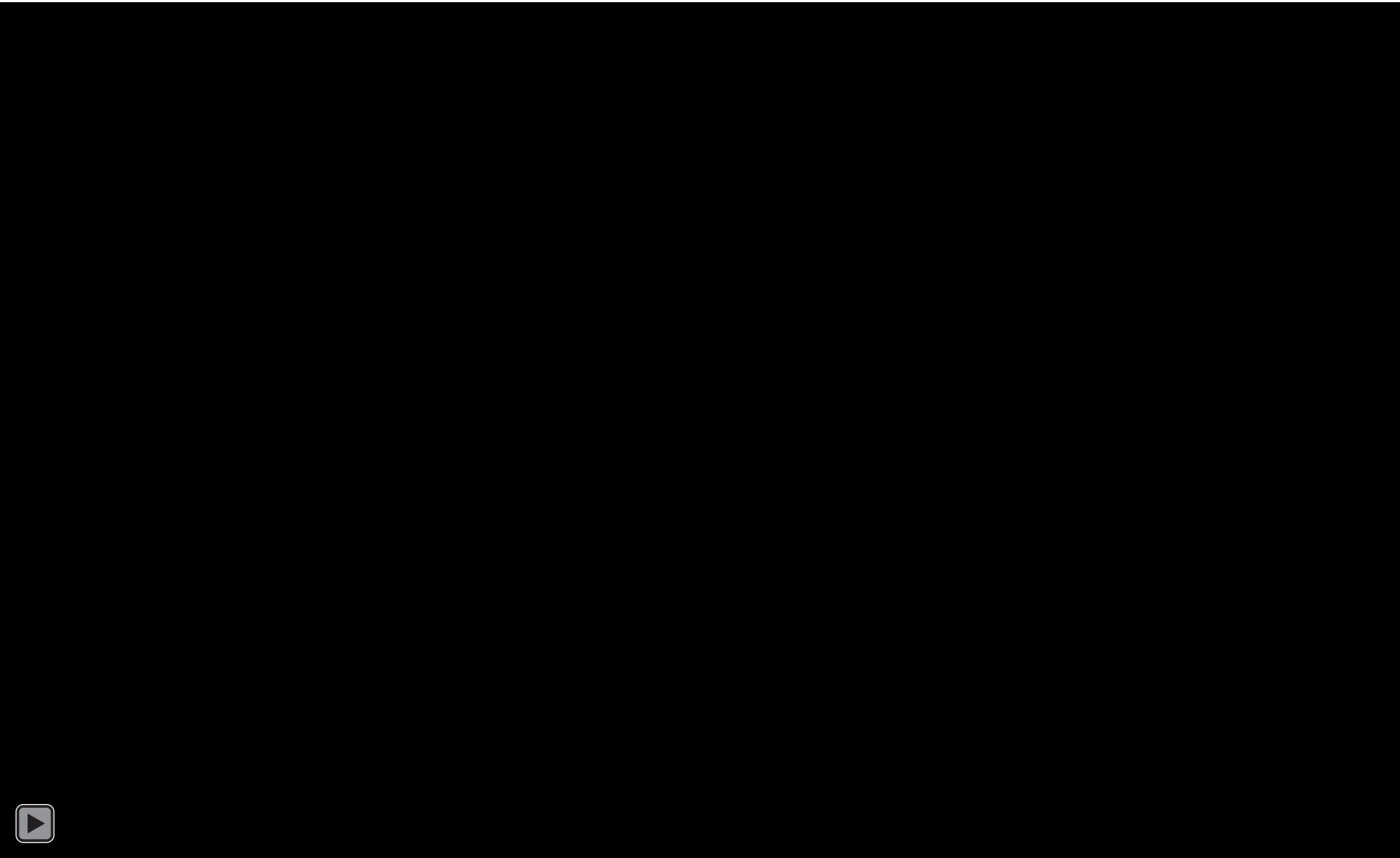

Construction Features that Reduce Crime.

Sufficiently robust frame sections

Espagnolette Locking

High security euro cylinders

Compliant handles and fasteners

Door limiters or chains

Minimum P1A (6.8mm thick laminated)

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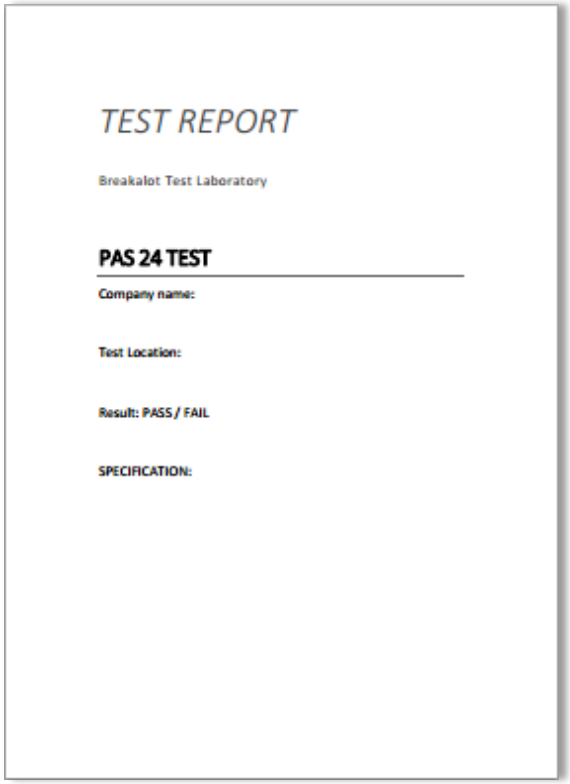
CHECKING COMPLIANCE



TEST REPORT

Breakalot Test Laboratory

PAS 24 TEST

Company name:

Test Location:

Result: PASS / FAIL

SPECIFICATION:

BlueSky Certification

This is to certify that:

Bereco Group Ltd

has met the requirements for the following

Bluesky Certification Schemes:

Schemes:	Standard:	Certificate Number:
General Performance Windows	BS 644:2012	TGPW-003
Timber High Performance Windows	BS 644:2012	THPW-001
Enhanced Security Windows	PAS 24:2016	TESW-003
Enhanced Security Doors	PAS 24:2016	TESD-003

Certified Products: See Scope of Certification for details

Head Office: Units 4-5, Aspen Court, Centurion Business Park, Bessemer Way, Rotherham, South Yorkshire, England, S60 1FB

Factory Details: M & S Okna i Drzwi Sp z.o.o. 76.200 Slupsk, UL Portowa 16A, Poland

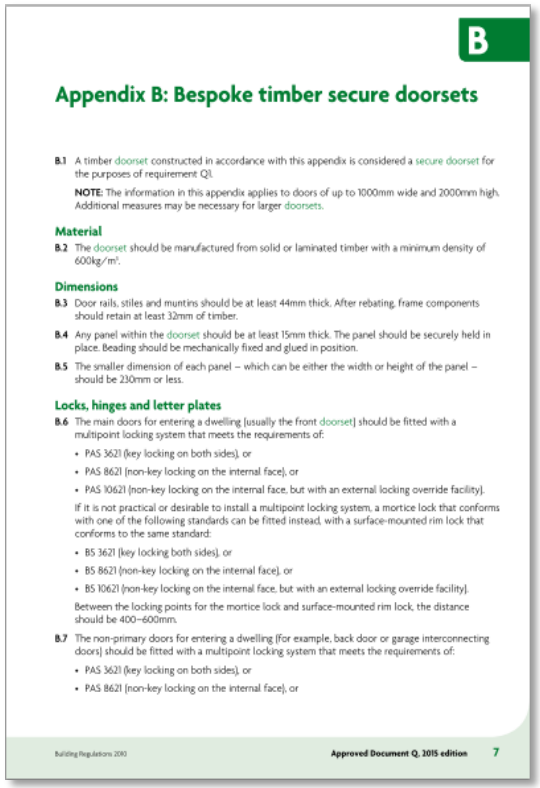
Member since: 8th December 2017

Date of Certificate: 10/01/2018 **Expiry Date:** 31/01/2020

Authorised Signature:

UKAS PRODUCT CERTIFICATION

This certificate must be read in conjunction with the full Scope of Certification.
For more details, visit: www.blueskycert.com
Bluesky Certification is a trading name of Calisso Ltd, Registered Address: 20 – 22 Wenlock Road, London N1 7GU



B

Appendix B: Bespoke timber secure doorsets

B.1 A timber doorset constructed in accordance with this appendix is considered a secure doorset for the purposes of requirement Q1.

NOTE: The information in this appendix applies to doors of up to 1000mm wide and 2000mm high. Additional measures may be necessary for larger doorsets.

Material

B.2 The doorset should be manufactured from solid or laminated timber with a minimum density of 600kg/m³.

Dimensions

B.3 Door rails, stiles and muntins should be at least 44mm thick. After rebating, frame components should retain at least 32mm of timber.

B.4 Any panel within the doorset should be at least 15mm thick. The panel should be securely held in place. Beading should be mechanically fixed and glued in position.

B.5 The smaller dimension of each panel – which can be either the width or height of the panel – should be 230mm or less.

Locks, hinges and letter plates

B.6 The main doors for entering a dwelling (usually the front doorset) should be fitted with a multipoint locking system that meets the requirements of:

- PAS 3621 (key locking on both sides), or
- PAS 8621 (non-key locking on the internal face), or
- PAS 10621 (non-key locking on the internal face, but with an external locking override facility).

If it is not practical or desirable to install a multipoint locking system, a mortice lock that conforms with one of the following standards can be fitted instead, with a surface-mounted rim lock that conforms to the same standard:

- BS 3621 (key locking both sides), or
- BS 8621 (non-key locking on the internal face), or
- BS 10621 (non-key locking on the internal face, but with an external locking override facility).

Between the locking points for the mortice lock and surface-mounted rim lock, the distance should be 400–600mm.

B.7 The non-primary doors for entering a dwelling (for example, back door or garage interconnecting doors) should be fitted with a multipoint locking system that meets the requirements of:

- PAS 3621 (key locking on both sides), or
- PAS 8621 (non-key locking on the internal face), or

1 Test Evidence
Windows & Doors

2 3rd Party Certification
Windows & Doors

3 Appendix B
Doors only

Who is responsible for checking compliance?

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	Manufacturer	Builder / Developer / Architect	Third Party Certification Body
Option 1 **Test Evidence**	All variations must be tested and evidence supplied.	Review Required	N/A
Option 2 **Third Party Certification**	Supply evidence that products are covered by certification.	No Review Required	Responsible for compliance to PAS 24:2012
Option 3 **Appendix B**	Doors must fully meet Appendix B specification.	Review Required	N/A

Are Part Q and Secured By Design the same?

Secured by Design

SBD

Official Police Security Initiative

Put simply No.

Part Q focuses on the security of windows and doors through testing to PAS24:2012 or PAS24:2016 only. Whilst Secured by Design require the same testing standard they also require the company supplying the windows and doors be part of a third party accreditation scheme in addition to testing.

Check a manufacturers ability to supply SBD at **www.securedbydesign.com**

A building regulation out of date before it came into full force?

Secured by Design

SBD

Official Police Security Initiative

PART Q & SBD

In February 2016 Secured By Design issued their latest publication of Secured by Design New Homes 2016 v1 which stipulates that windows and door sets should be certified to either PAS24:2012 or PAS24:2016 indicating that PAS24:2012 will be phased out in by April 2017. Now in February 2018 PAS24:2016 is the test standard for SBD but Part Q is accepting PAS24:2012

Whilst part Q may be sympathetic until its next revision SBD now demand that to supply a SBD site you will have to achieve a pass under the most up to date testing standard for windows and doors that being PAS24:2016.

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THANK YOU
FOR YOUR TIME

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@berecowindows

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Further reading & references:

Approved Document Q – Security-Dwellings

Secured by Design New Homes 2016 V1

Securedbydesign.com

Secured By Design Members Page