

APPROVED DOCUMENT Q SECURITY



Published in 1 Volume: Q1 Security – Unauthorised Access

Requirement Q1 states that reasonable provision must be made to resist unauthorised access to:

- (a) Any dwelling; and
- (b) Any part of a building from which access can be gained to a flat within a building.

Requirement Q1 applies only in relation to easily accessible windows and doors in new dwellings, including dwellings created by a change of use of an existing building such as barn conversions and other commercial buildings being converted into dwellings.

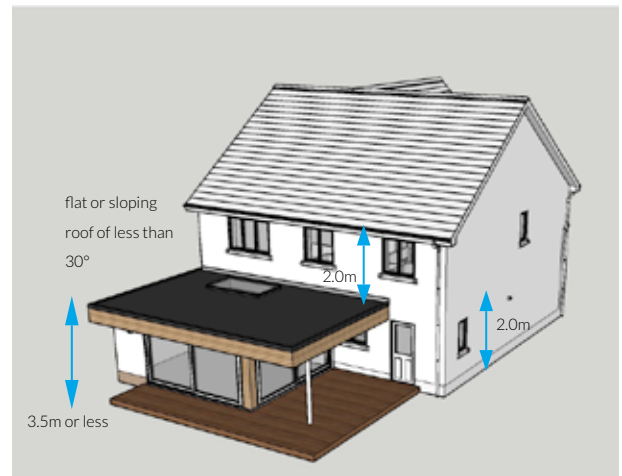
“Easily accessible” is defined as a window or door, any part of which is:

1. **WITHIN 2M VERTICALLY OF AN ACCESSIBLE LEVEL SURFACE SUCH AS THE GROUND OR BASEMENT LEVEL, OR AN ACCESS BALCONY, OR**
2. **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.**

Requirement Q1 does **not apply** to extensions to an existing dwelling nor to the refurbishment of an existing dwelling.

KEY FEATURES

- Windows and doors will meet the requirements of Q1 if they can resist physical attack by a casual or opportunist burglar by being both:
 1. Sufficiently robust
 2. Fitted with appropriate hardware.
- In addition, frames should be mechanically fixed to the structure in accordance with the manufacturer’s written instructions.
- A product’s performance can be demonstrated by evidencing that the product is manufactured to a design that has been shown by test to meet the security requirements of British Standards publication PAS 24:2016.
- Glazing note: Q1 is remarkably silent about glazing requirements other than stating in Appendix B.11 that any door glazing which, if broken, would permit someone to insert their hand and release the locking device on the inside of the door should be a minimum of class P1A in accordance with BS EN 356:2000. (Minimum P1A specification is 6.8mm laminated). Double or triple glazed units need to incorporate only one pane of class P1A glass.



TYPICAL DWELLING

- Nevertheless, by reference to PAS 24:2016, which does set out minimum standards, the minimum glazing specifications that should be adopted for all accessible windows and doors can be interpreted as follows:-
 1. Any door must contain at least one pane of 6.8mm laminated glass.
 2. Any window with non-locking ironmongery must contain at least one pane of 6.8mm laminated glass.
 3. Any window with locking ironmongery must contain at least one pane of 6.4mm laminated glass.
 4. Any window adjacent to a door, irrespective of ironmongery, must contain at least one pane of 6.8mm laminated if Appendix B.11 is applicable.

IMPORTANT NOTES

Approved Document Q states that compliance can be demonstrated by evidencing successful testing of a product to PAS 24:2016 (or another standard that has equivalent or better performance) by a UKAS accredited laboratory.

Test reports must exactly match the specification of the product that is being supplied.

Given the bespoke nature of windows and doors, it is not feasible to test every variation of design and size, nor does the provision of a test report guarantee that the actual product supplied complies with the tested specification.

Independent 3rd Party certification by, for example Exova BM Trada, provides the advantage of not only increased confidence and responsibility in the product through factory production control and audit testing via their Q Mark enhanced security certification scheme, but also ensures that products are tested to the latest standards.

Westcoast Windows approved windows & doors

