

PART Q

GUIDELINE DOCUMENT



Test No. W2005

CASEMENT WINDOWS

PAS 24 : 2016 Tested Enhanced Security Performance Requirements for Doorsets and Windows in the UK

Manipulation Test A & B
Infill Test
Infill Mechanical Test
Manual Cutting Test A & B
Mechanical Loading Test
Manual Check Test
Soft Body Impact Test
Hard Body Impact Test
Security Hardware Test

This Test was undertaken in an approved UKAS test house and in accordance with laboratory accreditation requirements. This test can be cascade if the window sections and products specification is as per this Document.



**SASH + DOOR
HARDWARE**

Components List

WINDOW LOCK PARTS

Part No.	Description
PQ-EB230,400,600,800,1000,1200,1400	Window Lock Extreme 22B/S 230 - 1400 2 to 3 Cams
PQ-EESB1,2,3,4	Extreme Shootbolts 1-4mm

ESPAG KEEPS

PQ-MA359381	Maco Mushroom Security Keep & Night Vent
PQ-MA356098	Maco Plastic Bevelled Packer (top hung windows)
PQ-EXSK	Extreme Shootbolts Keeps L/H or R/H

FRICTION HINGES

PQ-FST8,10,12,16,20,24	Horizon 8 to 24 Top Hung
PQ-FSS12 & 16	Horizon 12 & 16 Side Hung
PQ-FSEG12 & 16	Horizon Egress Easy Clean 12 & 16 Side Hung
PQ-FHP	Friction Hinge Packer (Bottom)

HINGE SECURITY PROTECTOR

PQ-AS1	SAC Window Hinge Bolt
PQ-AS2	SAC Window Hinge Keep

WEATHERSEALS

PQ-FT10	10mm Foamteq Weather Seal (Frame)
PQ-FT06	6mm Foamteq Weatherseal (Sash)

GLAZING

PQ-QW SD1	QW SD1 Bead with SCB glazing clips
PQ-SGT1x15	Security Glazing Tape 1x15mm (Internal)
PQ-SGT2x8	Security Glazing Tape 2x8mm (External)

WINDOW HANDLE (OPTIONAL)

PQ-TSEC	Timber Series Espag Handle
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FIXINGS

3.5x40mm	3.5x40 for Extreme Lock
3.5x30mm	3.5x30 for Keeps, Frictions hinges & SAC Bolts

FIX SASHES

PQ-DSL	Dummy Sash Lock
3.5x30mm	Fixing Screws for dummy Sash

Important Consideration

Glazed areas should include at least one pane of laminated glass meeting the requirements of BS EN 356:2000, Class P1A, and be glazed in accordance with BS 6262.



Section Drawings

Externally Glazed.

Different moulding details can be used as long as they are greater than shown.

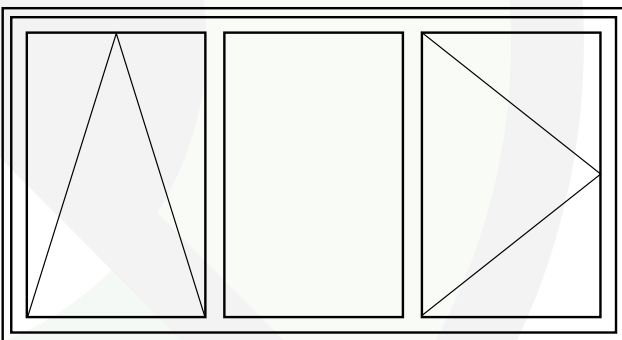
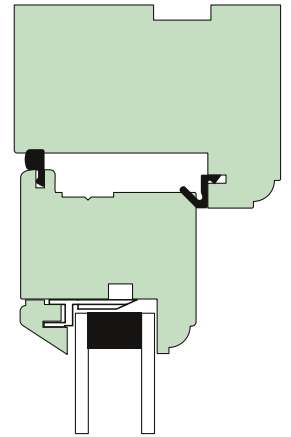
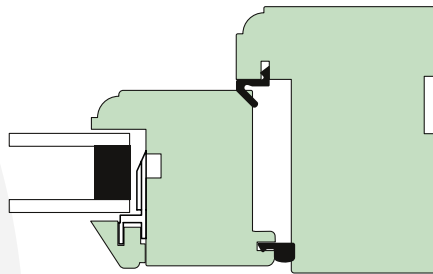
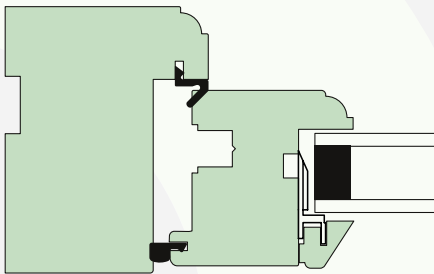
Sections Available in more detail.

Timber used is Engineered Redwood that has a density of 510 kg.

Maximum outer frame size is 1354mm High x 1994mm Wide.

HORIZONTAL SECTION (SIDE HUNG)

AS SHOWN IN ELEVATION DRAWING BELOW



TYPE OF WINDOW

Window Tested

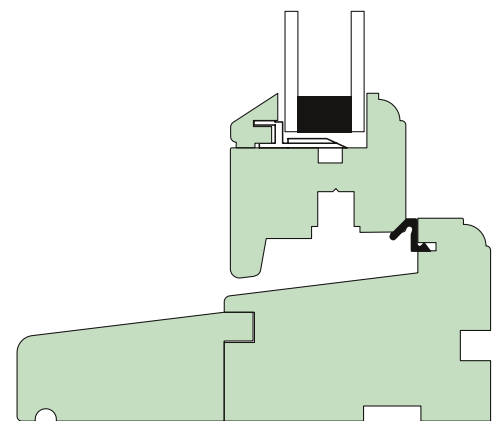
Dimensions

OUTER FRAME (W x H) 1994 x 1354mm

SASH DIMENSIONS (W x H) 601 x 1248mm

This tested window example is the maximum configuration. Any window configuration smaller than that shown will be considered within scope and there for **Part Q approved**.

No company in the UK has tested each and every configuration and size to fully comply with Part Q. We suggest you talk to your building inspector and state considerations for approval have to be made as long as the same hardware and section details are used from the 2016 test.



HEAD & CILL SECTION (TOP HUNG)

AS SHOWN IN ELEVATION DRAWING TO THE ABOVE

THIS WINDOW SET HAS BEEN TESTED TO FULL **PAS 24 : 2016** WHICH IS THE MOST UP TO DATE SECURITY TESTING IN THE UK. THE 2012 TEST IS NOW OBSOLETE AS COMPANIES HAD 2 YEARS GRACE TO COMPLY WITH THE LATEST 2016 TEST.

SDH route to Part Q - Explained

SDH can now offer up to date PAS24 2016 Casement Windows. The section details are available in more detail.

With each completed Casement Window project we'll provide a Part Q Certificate, Glass sticker and we'll also store a record of the forms and invoice relating to that project.

We strongly recommend you also keep these documents to hand for any inspection from Building Control.



PAS 24 : 2016 Tested

So what are OUR key features?

- 2016 PAS 24 UKAS tested opposed to 2012 PAS 24
- This 2016 PAS supersedes PAS 24:2012 as stated on the Secure by design website
- Competitively priced Hardware
- Easy to use forms
- Help and advice
- Full drawings
- Market Part Q SDH on your literature and website, if using this scheme
- Stickers for each door or window for site delivery