



Ultimate Flush Sash Casement Technical Specification

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MANUFACTURERS OF

theultimate[®]
collection

PVC-u Profile

- Halo System 10 70mm bevelled or Rustique 70mm ovolo including flush sash
- Standard outer frame 56mm high / optional 72mm
- Full welded transoms and mullions
- Steel reinforced to manufacturers specification
- Variable bay poles available plus standard 90°
- Mitred internal bevelled/ovolo beads (depending on outerframe selection)
- French casement option available including 70mm ovolo floating mullion.

Colours

- Scan QR code to see our extensive colour range
- Sprayed to RAL colour of choice



Handles

- Standard – White key locking handle
- Optional colours – Black, Chrome, Gold, Graphite, Bronze, Antique Black, Satin
- Monkey Tail or Tear Drop handles available in Antique Black, Chrome, Gold, Graphite
- False peg stays to match Monkey Tail or Tear Drop handles available in Antique Black, Chrome, Gold, Graphite

Locking and Hinge System

- Shootbolt-espag. 2 bidirectional cams, 2 or 4 roller cams (dependant on sash size), 2 shootbolt locks
- 2 metal anti-jemmy hinge bolts
- Yale high security fire escape/easy-clean hinges fitted as standard to all side-opening windows
- Optional Tristay fire escape/easy-clean hinge with built in restrictor
- Optional Mega Hinge (used for triple glazed side hung sashes or extra wide sashes up to 900mm – maximum weight limits apply)

Glass Unit Options

- Standard 28mm double glazed to U value 1.4
- Optional 32mm triple glazed to U value 1.1 (bevelled bead only)
- Black warm edge spacer bar
- Optional White or Grey warm edge spacer bar

Glazing Options

- Clear or patterned glass
- Range of lead lite patterns
- Internal 18mm or 25mm Georgian bar
- Ali-lock clip on Georgian bar inside and out (bevelled externally, bevelled/ovolo internally based on bead selection)

Ventilation

- When specified 2500/4000 trickle vents can be fitted to the top of large outer frame only (not available through flush sash)
- Optional concealed trickle ventilation canopy (top of large outer frame only)

Accreditations

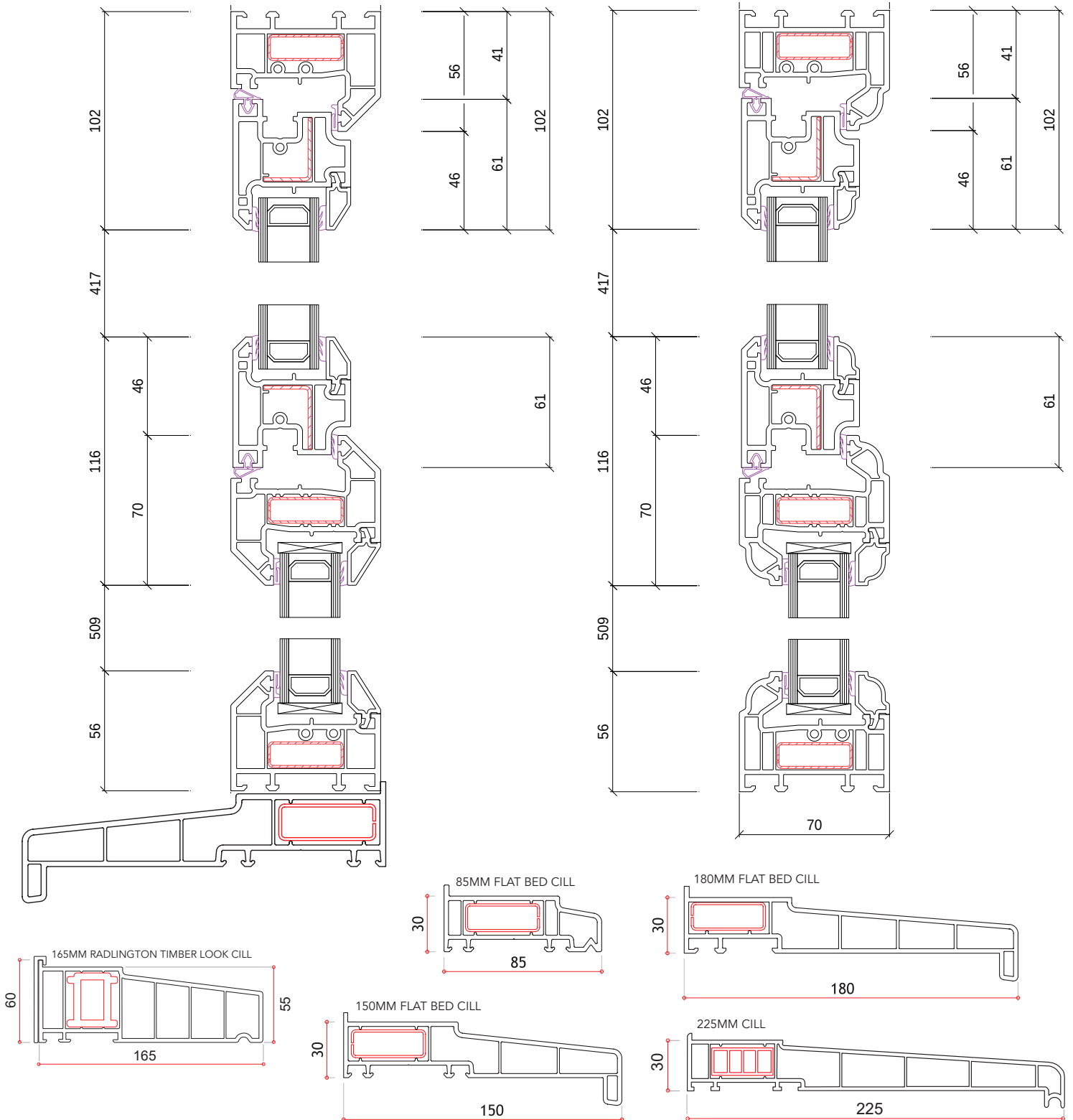
- BS7412 Weather Performance KM 36014
- PAS24 Enhanced Security KM 36015

ULTIMATE FLUSH SASH CASEMENT - TYPICAL SECTIONS

Outward opening internally beaded | Bevelled or Ovolo profile | All measurements in mm

System 10 Flush Sash (bevelled)

Rustique Flush Sash (ovolo)



Side Hung Sash max width (Mull-Mull) 650mm

Top Hung Sash max width (Mull-Mull) 1250mm

Side Hung Sash max height (Mull-Mull) 1350mm

Top Hung Sash max height (Mull-Mull) 1250mm

Minimum Fanlight depth (O/Frame-Trans) 329mm

Weight Restrictions

Standard hinges will be changed for heavy duty hinges when the weight of the sash exceeds the limitations of standard hinges.

Using Heavy Duty Hinges

Top Opener Max 1350mm wide x 1350mm high (50kgs)
Side opener Max 700mm wide x 1350mm high (24kgs)