



Ultimate OMNIA Flush Casement Windows Technical Specification

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MANUFACTURERS OF
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collection

PVC-u Profile

- Veka OMNIA 70mm Profile System
- Standard outer frame 55mm high / optional 67mm and 80mm
- Fully mechanical transoms and mullions
- Steel reinforced to manufacturers specification
- Variable bay poles available plus standard 90°
- Mitred internal ovolo beads / optional bevelled and cubit bead available
- French casement option available including 62mm (Invisible) or 84mm (Visible) 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 – Chrome, Gold, Graphite, Antique Black, Satin

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 Mila H/D Hinge (useful for heavy side-hung sashes when using triple glazing)

Glass Unit Options

- Standard 28mm double glazed to U value 1.4
- Optional 44mm triple glazed to U value 0.88 (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
- Ovolo Ali-lock clip on Georgian bar inside and out

Ventilation

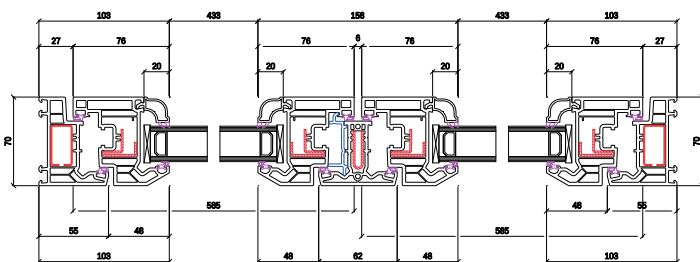
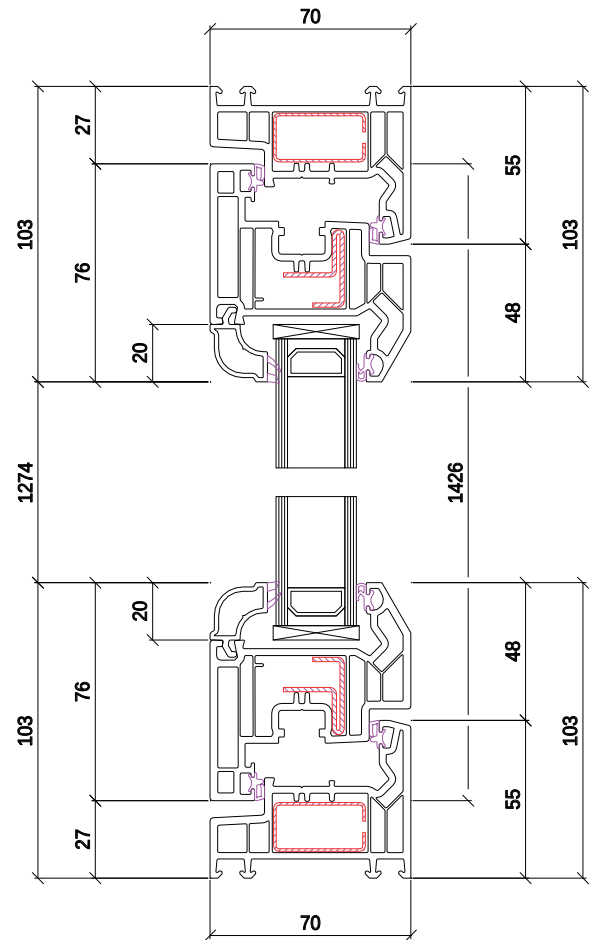
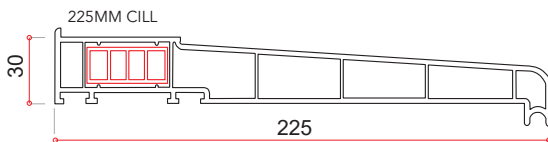
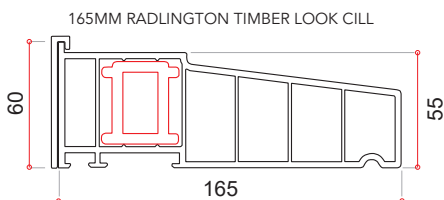
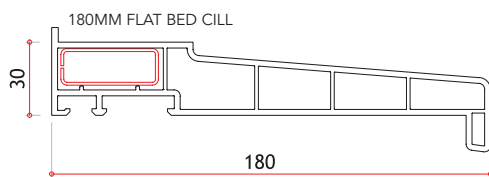
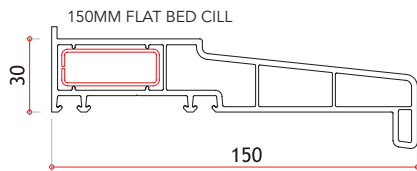
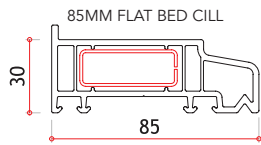
- When specified 2500/4000 trickle vents can be fitted to the top of the window opener or top of large 80mm outer frame
- Optional concealed trickle ventilation canopy (top of large 80mm outer frame only)

Accreditations

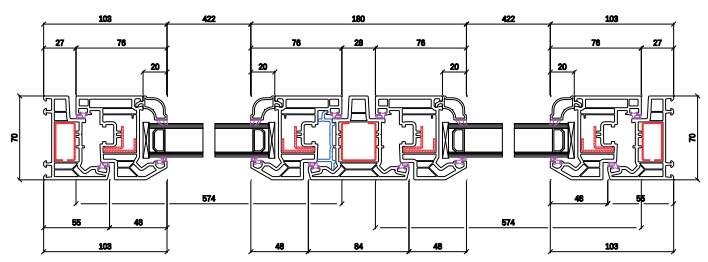
- BS7412 Weather Performance KM 36014
- PAS24 Enhanced Security KM 36015

ULTIMATE OMNIA FLUSH CASEMENT WINDOWS - TYPICAL SECTIONS

Outward opening internally beaded | OMNIA profile | All measurements in mm



HORIZONTAL CROSS SECTION - 62MM INVISIBLE MULLION
(IDENTICAL FOR CASEMENT AND FRENCH CASEMENT)



HORIZONTAL CROSS SECTION - 84MM VISIBLE MULLION
(IDENTICAL FOR CASEMENT AND FRENCH CASEMENT)

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

Side Hung Sash max height (Mull-Mull) 1450mm

Top Hung Sash max width (Mull-Mull) 1450mm

Top Hung Sash max height (Mull-Mull) 1050mm

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.