



## Ultimate OMNIA Flush Tilt & Turn Windows Technical Specification

JohnFREDERICKS

MANUFACTURERS OF

*the*ultimate<sup>®</sup>  
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

### 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

- Opening inwards concealed wrap-around tilt before turn gearing. Opening to 90° as standard

### 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

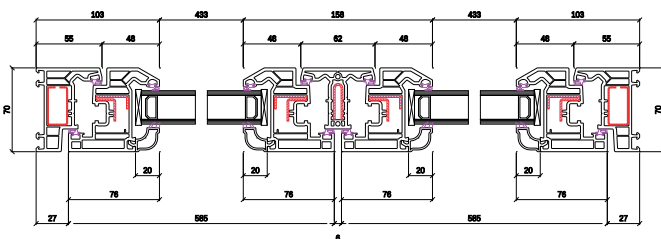
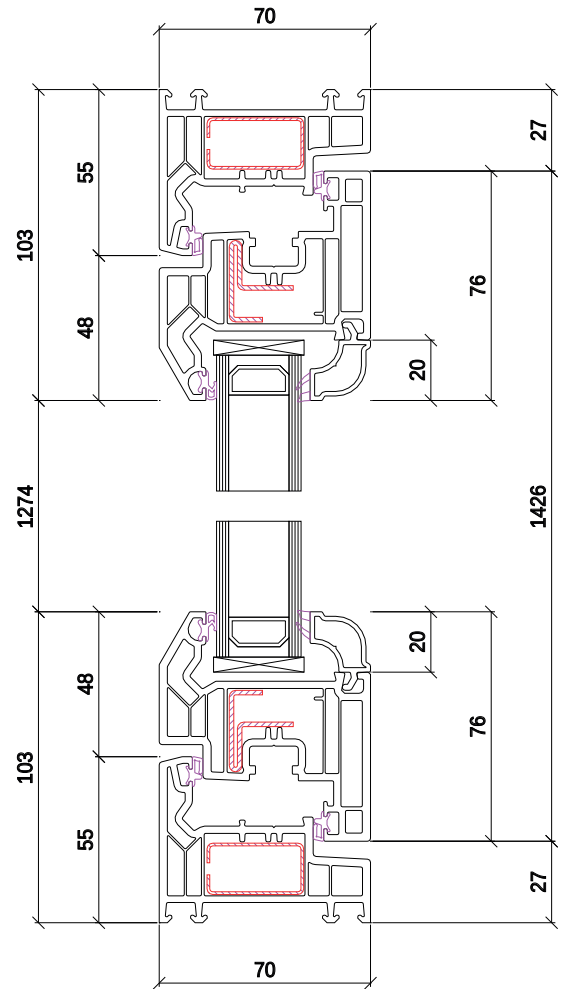
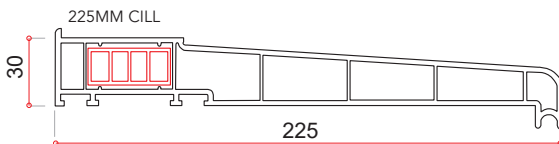
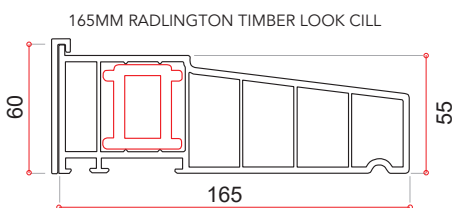
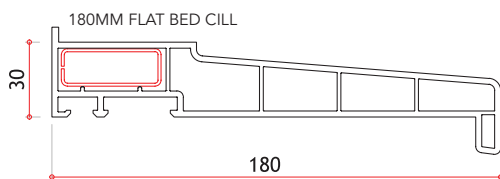
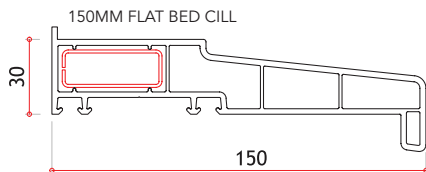
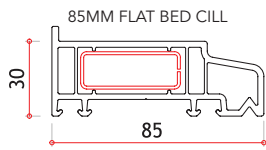
Please note: that as an inward opening product and specific handle operation, we do not recommend Tilt and Turn Windows as suitable for fire escape applications. Where required, please seek appropriate guidance from your local authority.

John Fredericks Plastics, Lindley Moor Road, Huddersfield, West Yorkshire HD3 3RW

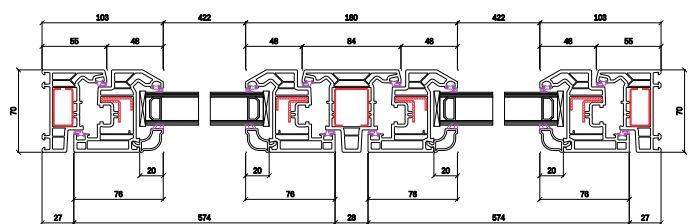
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# ULTIMATE OMNIA FLUSH TILT & TURN WINDOWS - TYPICAL SECTIONS

Inward 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)

|                 |        |            |       |
|-----------------|--------|------------|-------|
| Max width       | 1394mm | Min width  | 515mm |
| Max height      | 2100mm | Min height | 609mm |
| Max Sash weight | 80Kgs  |            |       |

## Notes:

NO T&T to be wider than it is tall, recommended ratio is 2:1 (2 being the height, 1 being the width). Smaller sashes and windows not within the ratio are prone to 'self-closing'.