



Ultimate System 10 Bevelled Tilt & Turn Windows Technical Specification

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MANUFACTURERS OF

theultimate[®]
collection

PVC-u Profile

- Halo System 10 70mm bevelled
- Standard outer frame 56mm high / optional 72mm
- Fully welded transoms and mullions
- Steel reinforced to manufacturers specification
- Variable bay poles available plus standard 90°
- Mitred internal bevelled beads (optional ovolo bead)

Colours

- Smooth White
- Rosewood
- Rosewood on Smooth White
- Cherrywood
- Cherrywood on Smooth White
- 7015 Grey W/Grain on Smooth White
- 7016 Grey W/Grain on Smooth White
- Irish Oak on Smooth White
- Sprayed to RAL colour of choice

Handles

- Standard – White Tilt lock and turn handle
- Optional Colours – Black, Chrome, Gold, Bronze, Antique Black, Satin

Locking and Hinge System

- Opening inwards concealed wrap-around Tilt Before Turn gearing. Opening to 90°.
- Optional face-mounted Tilt Before Turn gearing. Opening to 180° (must be used in conjunction with 72mm large outerframe).

Glass Unit Options

- Standard – 28mm Double Glazed to U value 1.4
- (Black, White or Grey warm edge spacer bar)
- Optional 36mm Triple Glazed to U value 1.1 (bevelled bead only)

Glazing Options

- Clear or patterned glass | range of lead lite patterns
- Internal 18mm or 25mm Georgian bar
- Bevelled Ali-lock clip on Georgian bar inside and out (ovolo option)

Ventilation

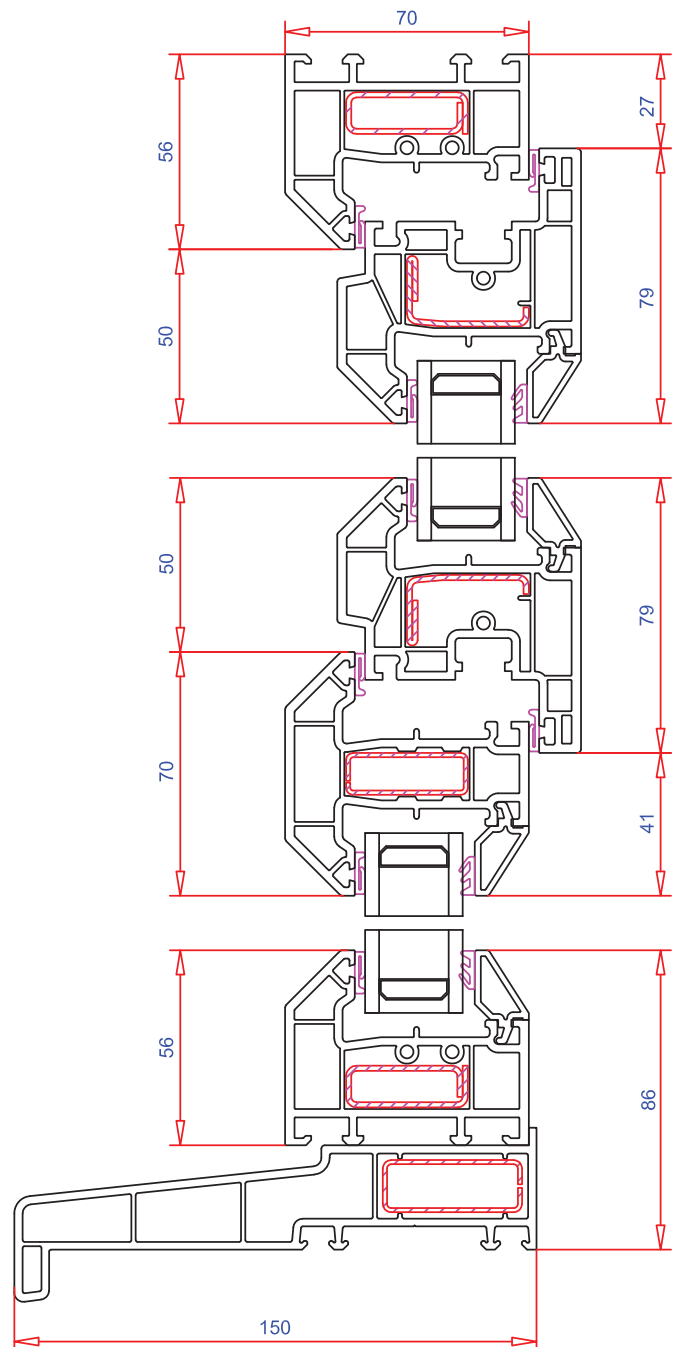
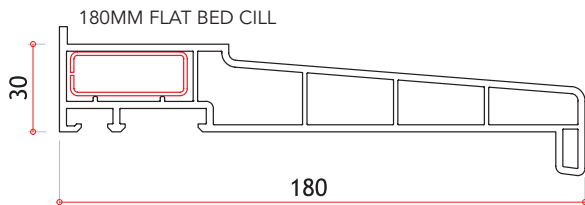
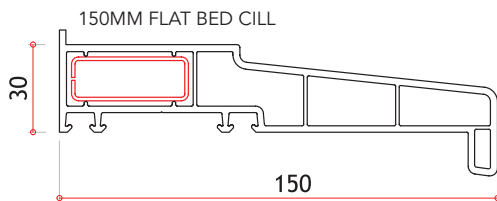
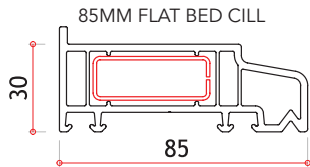
- When specified 2500/5000 trickle vents can be fitted to the top of the window opener (or top of large outer frame)

Accreditations

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

ULTIMATE SYSTEM 10 BEVELLED TILT & TURN WINDOWS - TYPICAL SECTIONS

Inward opening internally beaded | Bevelled profile | All measurements in mm



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

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

Side Hung Sash max height (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.

Using Heavy Duty Hinges

Top Opener Max 1450mm wide x 1550mm high (50kgs)
 Side opener Max 750mm wide x 1450mm high (24kgs)
 (Side Opener Max 900mm wide using DGS Mega Hinge)