



58BW

Optio Top Swing Reversible

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Experts in Aluminium

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Optio Top Swing Reversible

Easy to clean and effortless to operate, our ever-popular top swing reversible windows increase thermal performance, improve safety and exceed modern building design performance standards. Ideal for use in high-rise structures, the windows open an impressive 180°, allowing completely pain-free pane cleaning. The system does not encroach inside the building, as the mechanism allows the opening sash to completely rotate on itself whilst remaining outside the building structure.



DESIGN FEATURES

- Certified under the Secured By Design scheme
- Tested to PAS 24
- Green guide rated A
- Integrated deep head profiles for ease of trickle ventilation
- Unique polyamide thermal break design to improve thermal performance
- A clean, flat appearance to give a true contemporary aesthetic
- Design allows the windows to be pivoted without intruding the internal building line

OPTIONS

- Glazing 24mm – 28mm
- Available in a range of single or dual colour and anodised finishes
- Available in the following aesthetics: Bay, Contemporary and Chamfered
- Available in the following configurations: top swing, side swing, fixed light and multi-light
- Dedicated fixing strips for ease of installation
- Full range of customisable hardware available

SPECIFICATIONS

Performance and accreditation

U-value (double glazing)	1.7 W/m ² K
Green guide rating	A rated
Air tightness (Pa)	Class 4 (600 Pa)
Water tightness (Pa)	Class 6A (250 Pa)
Wind load (Pa)	Class A5 (2000 Pa)
Security	PAS 24
3rd party certification	Q-mark
Secured by design	Yes

Inward opening

Configurations

Opening	Open out
Top swing	✓
Side swing	✓
Fixed light	✓
Multi-light	✓

Size limits

Top swing (max weight)	60 Kg
Side swing (max weight)	45 Kg
Fixed light (max weight)	250 Kg

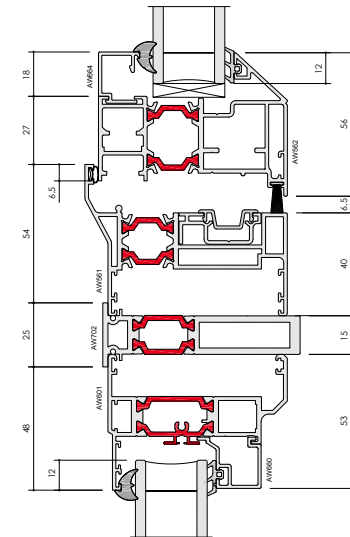
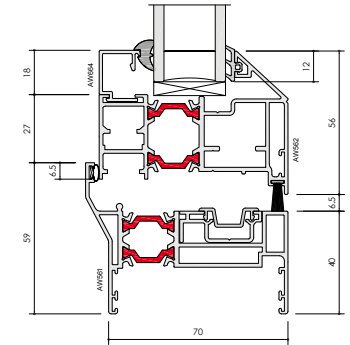
System features

Frame depth	70mm
Dual colour option	✓
Multi-point locking	✓
Glazing options	Internal
Glazing thickness	24mm - 28mm
Sightline (Frame to Vent)	103mm
Sightline (Vent to Mullion)	161mm

Aesthetics

Bay	✓
Contemporary	✓
Square	✓

CAD CROSS SECTIONS



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U-value (Double Glazing) - Windows are calculated using EN ISO 10077 - Part 2, 1230mm x 1480mm Single Opening light with Ug: 1.0 W/m²K using AW561 outerframe and AW562 vent
Green Guide Rating - Calculated using the Green Guide 2008 ratings for commercial windows, Powder Coated Aluminium window (Profile <1.25kg/m) double glazed
Top Swing (max weight) - Based upon PN Uni Topswing Gearing
Side Swing (max weight) - Based upon PN Uni Sideswing Gearing