RT 72 Reflex Open-Out Casement Window Specification

The RT 72 Reflex Open Out is a thermally broken aluminium casement window within Novastruct's established 72 mm RT 72 platform. Available in top-hung, side-hung and fixed-light configurations, the system incorporates patented Reflex technology in the HI insulation specification. Flexible glazing, hardware and finish options support project-specific design, with dedicated outer-frame profiles for integration with Novastruct curtain wall systems.

Performance

U-value	uW 1.3 W/m²K [Ug 1.0 W/m²K] uW 1.0 W/m²K [Ug 0.6 W/m²K]
Windload	EN 12202 up to 2400pa
Air Permeability	Class 4 in accordance with EN 12207
Watertightness	9A (600 Pa) in accordance with EN 12208
Glazing weight	130KG
Security	PAS24 (Certified to PAS 24 through BM Trada QMark)
Acoustics	NPD
Certification	NPD

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Key features

Maximum size	2052mm W x 2500mm H
System depth	72 mm
Glazing thickness	Standard configurations: 15–56 mm Security configurations: 15–50 mm Subject to frame, vent and glazing bead selection.
Glazing type	Double, triple
Drainage and ventilation	Drained and ventilated frames with pressure-equalised vents
Multi-point locking	Espagnolette and modular locking options
Restrictor	Optional 100mm restrictor in accordance with Document M
System construction	Symmetrical three-chamber aluminium system
Thermal specification	Reflex HI
Thermal break	35 mm polyamide profiles incorporating patented Reflex technology
Frame-profile families	24 mm, 34 mm and 44 mm
Vent profiles	84 mm and 94 mm
Glazing method	Dry glazed with extruded aluminium glazing beads and EPDM gaskets
Size and weight limitations	Maximum size: 2052mm W x 2500mm H Minimum size: 250mm W x 350mm H Maximum weight: 130Kg
Finishes	Single-colour paint, dual-colour paint and mill finish. Powder coating, PREANO+ pretreatment, 60 or 90 microns with gloss level of 30%.
Curtain wall integration	Dedicated outer-frame profiles for integration with Novastruct curtain wall systems
Material	Aluminium alloy EN AW 6060 T66; profiles in accordance with BS EN 755-2

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Arrangements & Weight Limitations

Top hung	Yes
Side hung	Yes
2 stage opening	No
Bottom Hung	No
TBT	No
Turn-Tilt	No
French casement	No
Fixed Light	Yes

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