

ALUMINIUM WINDOWS

Reynaers MasterLine 8

A versatile aluminium window system combining thermal insulation with a choice of architectural designs. Functional, Hidden Vent, Renaissance and Deco variants offer different external appearances; insulation is selected for each project.

* Performance depends on the selected structure and specification.

Product overview

Whole-window Uw	0,88 W/(m²·K)*
Profile Uf	1,0 W/(m²·K)*
Air permeability	Class 4 (600Pa)
Watertightness	Class E900 (900Pa)
Resistance to wind load	Class C5 (2000Pa)
Sound insulation Rw (C; Ctr)	TUTI: 46(0;-3) dB DC: 44(-2;-4) dB
Durability	Class 3 (20000 cycles)
Burglar resistance (depending on variant)	RC2,RC3,PAS 24
Impact resistance (depending on variant)	I5 - E5
Fire resistance (special variants)	EI 30, EI_1 30, EI_2 30, EW 30
Minimum frame width (inward opening)	53 mm
Minimum sash width (inward opening)	37 mm
Minimum frame and sash width (inward opening)	97 mm
Minimum frame width (outward opening)	20 mm
Minimum sash width (outward opening)	118 mm
Minimum frame and sash width (outward opening)	138 mm
Frame depth	77 mm
Sash depth	87 mm
Frame and sash construction depth	87 mm
Glazing rebate height	27 mm
Minimum glazing thickness in sash	13 mm
Maximum glazing thickness in sash	72 mm
Maximum sash height	Up to 2800 mm*
Maximum sash weight	Up to 300 kg*

Specification

System	Reynaers Aluminium MasterLine 8
Design variants	Functional, Hidden Vent, Renaissance, Deco
Insulation variants	Standard, High Insulation, High Insulation+
Optional features	Concealed hinges, concealed drainage, insect screen, balustrade, motorised operation, glass corner, applied cladding
Final specification	Agreed according to the project and profile compatibility

Which specification do these figures apply to?

Uw calculation: 1,23 × 1,48 m window, Ug = 0,6 W/(m²·K), warm-edge spacer, 104 mm visible profile width, 36 mm glazing unit.

Dimensions, weight, thermal, acoustic and security performance depend on the profiles, glazing, hardware and specific variant. Fire resistance and other special properties apply to appropriately tested configurations. All maximum values in the table cannot automatically be assigned to a single product.

Manufacturer's technical specifications