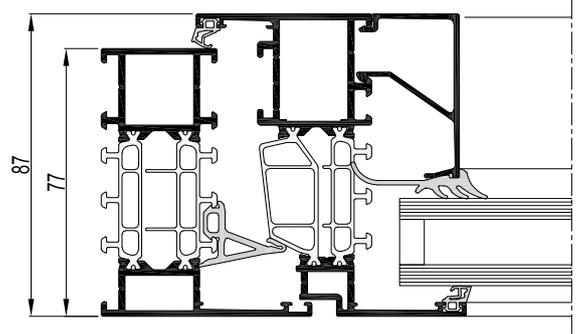


# MasterLine 8

## Windows



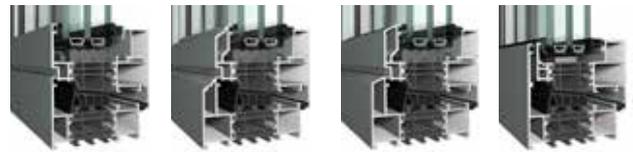
### Made to measure

MasterLine 8 combines a wide range of opening types, design variants and insulation levels into just one platform with a 87mm system depth. All opening types are available in three insulation levels (standard, HI and HI+), larger windows are possible with stronger profiles with smaller sight lines. The functional design variant offers the widest range of profiles to be able to neatly connect to profile ranges such as sliding elements, curtain wall profiling etcetera.

With ever more awareness on our ecological mark on the future, there is a need for better insulation performances and improved air and water tightness.

With MasterLine 8 it is possible to combine high water tightness as a standard and air tightness 600Pa with reduced air loss, with excellent thermal values and glass weights up to 200kg for a turn-tilt window.

In MasterLine 8 the manufacturing process from first sketch to the installation of windows has been simplified and therefore the productivity of creating aluminium windows has improved. Less tolerance sensitivity when installing windows, fewer and easier to apply gaskets and foams all assist in the goal of making it easier to produce high quality windows.



TECHNICAL CHARACTERISTICS		FUNCTIONAL	RENAISSANCE	DECO	HIDDEN VENT
Min. visible width inward opening window	Frame	53 mm	53 mm	53 mm	80 mm
	Vent	37 mm	37 mm	37 mm	-
Min. visible width inward opening window-door	Frame	60 mm	60 mm	60 mm	n/a
	Vent	67 mm	67 mm	67 mm	n/a
Overall system depth window	Frame	77 mm	87 mm	87 mm	77 mm
	Vent	87 mm	87 mm	87 mm	80 mm
Max vent height		2800 mm	2800 mm	2800 mm	2800 mm
Max vent weight		200 kg	200 kg	200 kg	150 kg
Rebate height		27 mm	27 mm	27 mm	27 mm
Glass thickness	Frame	up to 62 mm			
	Vent	up to 72 mm	up to 62 mm	up to 62 mm	up to 65 mm

### PERFORMANCES

Thermal insulation	Uf-value down to 1.0 W/m <sup>2</sup> K depending on the frame/vent combination and the glass thickness.
Acoustic performance	Rw(C;Ctr) = 45 (-1; -4) dB, up to 49(-1;-5) (Hidden Vent) depending on glazing type
Air tightness	Up to 600 Pa (class 4)
Wind load resistance	Up to C5 (2000Pa)
Water tightness	Up to 1200Pa (E1200)
Burglar resistance	Up to RC 3 (EN 1627) + PAS 24



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 Architect: Hermanowicz Rewski Architekci (HRA)



OUTWARD  
OPENING

SOFTTONE  
(POW)

VENTILATION  
VENT

PIVOT  
WINDOW

**TECHNICAL CHARACTERISTICS**

Min. visible width window	Frame	27 mm	27 mm	53 mm	64 mm
	Vent	118 mm	124 mm	105 mm	89 mm
Overall system depth window	Frame	77 mm	237 mm	77 mm	77 mm
	Vent	87 mm	161 mm	87 mm	86 mm
Max vent height		2400 mm	2600 mm	2800 mm	2500 mm
Max vent weight		130 kg	200 kg	-	200 kg
Rebate height		27 mm	27 mm	n/a	25 mm
Glass thickness	Frame	up to 62 mm	n/a	n/a	n/a
	Vent	up to 72 mm	up to 54 mm	n/a	up to 61 mm

**PERFORMANCES**

Thermal insulation	Uf-value down to 1.0 W/m <sup>2</sup> K depending on the frame/vent combination and the glass thickness.
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