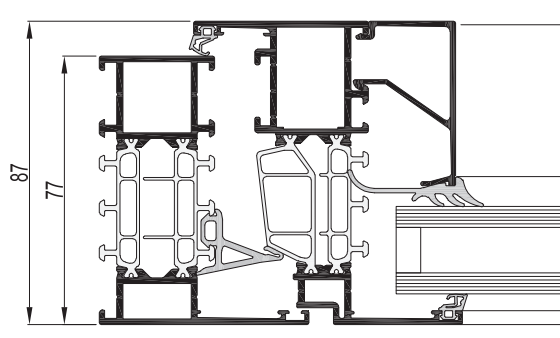


MasterLine 8

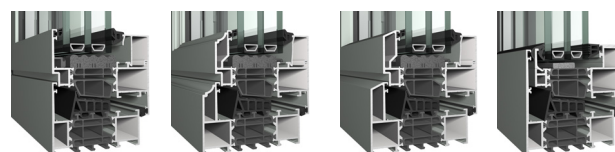
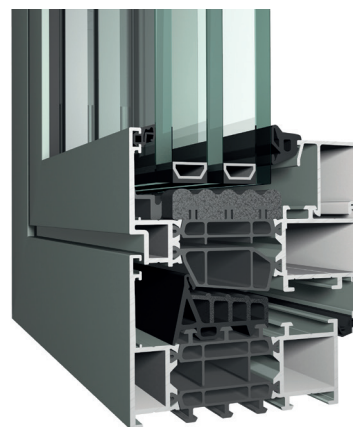
Windows



Crafted for masters

MasterLine 8 is a high-quality window system that links countless design options to best-in-class performance and unrivalled production speed. This next generation of aluminium windows is available in three insulation levels to match any project demands.

- Our flagship product, with a wide field of applicability
- Excellent thermal and AWW performance
- Highly competitive price-quality ratio

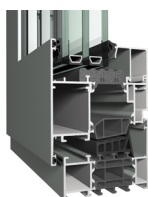


PROPERTIES		FUNCTIONAL	RENAISSANCE	DECO	HIDDEN VENT
Min. visible width inward opening window	Frame	53 mm	53 mm	53 mm	80 mm
	Vent	37 mm	37 mm	37 mm	-
Min. visible width inward opening window-door	Frame	60 mm	60 mm	60 mm	n/a
	Vent	67 mm	67 mm	67 mm	n/a
Overall system depth window	Frame	77 mm	87 mm	87 mm	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	up to 62 mm	up to 62 mm	up to 62 mm
	Vent	up to 72 mm	up to 62 mm	up to 62 mm	up to 65 mm
PERFORMANCE					
Thermal insulation (Uf)		Down to 1.0 W/m²K	Down to 1.0 W/m²K	Down to 1.0 W/m²K	Down to 1.3 W/m²K
Acoustic performance (Rw (C; Ctr))		45 (-1; -4) dB	45 (-1; -4) dB	45 (-1; -4) dB	49 (-1; -5) dB
Air tightness		600 Pa (class 4)	600 Pa (class 4)	600 Pa (class 4)	600 Pa (class 4)
Wind load resistance		2000 Pa (class 5)	2000 Pa (class 5)	2000 Pa (class 5)	2000 Pa (class 5)
Water tightness		1200 Pa (class E1200)	1200 Pa (class E1200)	1200 Pa (class E1200)	900 Pa (class E900)
Burglar resistance		RC 3 (EN 1627) + PAS 24	RC 3 (EN 1627) + PAS 24	RC 3 (EN 1627) + PAS 24	RC 2 (EN 1627)

Performances and properties depend on size, profile combinations, hardware and infill choices.



Varso 1 & 2, Warsaw, Poland
Architect: Hermanowicz Rewski Architekci (HRA)



OUTWARD
OPENING



VENTILATION
VENT



PIVOT
WINDOW

PROPERTIES

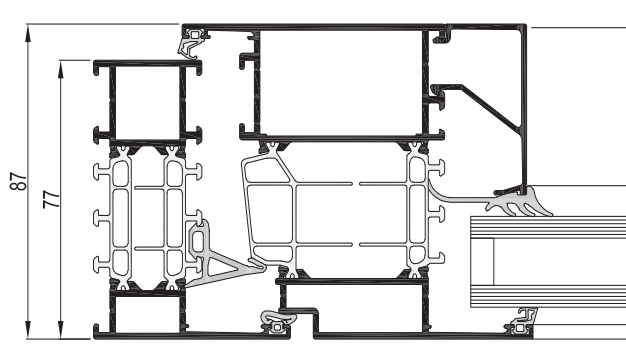
Min. visible width window	Frame	27 mm	53 mm	64 mm
	Vent	118 mm	105 mm	89 mm
Overall system depth window	Frame	77 mm	77 mm	77 mm
	Vent	87 mm	87 mm	86 mm
Max vent height		2400 mm	2800 mm	2500 mm
Max vent weight		130 kg	-	200 kg
Rebate height		27 mm	n/a	25 mm
Glass thickness	Frame	up to 62 mm	n/a	n/a
	Vent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

PERFORMANCE

 Thermal insulation (Uf)	Down to 1.0 W/m ² K	Down to 1.0 W/m ² K	Down to 1.9 W/m ² K
 Acoustic performance (Rw (C; Ctr))	40 (-1; -4) dB	45 (-1; -4) dB	41 (-1; -3) dB
 Air tightness	Up to 600 Pa (class 4)	Up to 600 Pa (class 4)	Up to 600 Pa (class 4)
 Wind load resistance	Up to 2000 Pa (class 5)	Up to 1600 Pa (class 4)	Up to 1600 Pa (class 4)
 Water tightness	Up to 900 Pa (class E900)	Up to 600 Pa (class 9A)	Up to 600 Pa (class 9A)
 Burglar resistance	Up to RC 2 (EN 1627) + PAS 24	Up to RC 2 (EN 1627)	-

MasterLine 8

Doors



Crafted for masters

MasterLine 8 aluminium doors offer excellent levels of safety, thermal insulation, and stability. The high-quality door series can reach Passive House-levels of insulation, which makes it ideal for sustainable renovations and new-builds.

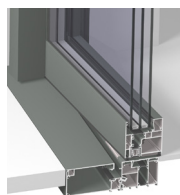
- Our flagship product, robust and versatile
- Excellent thermal and AWW performance
- Highly competitive price-quality ratio



PROPERTIES		BALCONY DOOR	FLUSH DOOR	PIVOT DOOR
Min. visible width inward opening door	Frame	60 mm	68.5 mm	68.5 mm
	Vent	37 mm	78.5 mm	104.5 mm
Overall system depth window	Frame	77 mm	77 mm	77 mm
	Vent	87 mm	77 mm	77 mm
Max vent height		2800 mm	3000 mm	2400 mm
Max vent weight		130 kg	250 kg	200 kg
Rebate height		27 mm	27 mm	27 mm
Glass thickness	Vent	up to 72 mm	up to 62 mm	up to 62 mm

PERFORMANCE		BALCONY DOOR	FLUSH DOOR	PIVOT DOOR
Thermal insulation (Uf)		Down to 0.87 W/m²K	Down to 1.3 W/m²K	Down to 1.5 W/m²K
Acoustic performance (Rw (C; Ctr))		-	43 (-2; -4)	-
Air tightness		4	3	4
Wind load resistance		1200 Pa (class 3)	800 Pa (class 2)	1200 Pa (class 3)
Water tightness		600 Pa (class 9A)	450 Pa (class 8A)	150 Pa (class 4A)
Burglar resistance		-	RC 3 + PAS 24	RC 2

Performances and properties depend on size, profile combinations, hardware and infill choices.



PIVOT DOOR XL



PANEL DOOR



PASSIVE DOOR



PROPERTIES					
Min. visible width inward opening door	Frame	-	42.5 mm	42.5 mm	
	Vent	40 mm	-	-	
Overall system depth window	Frame	77 mm	77 mm	77 mm	
	Vent	77 mm	77 mm	77 mm	
Max vent height		4000 mm	3000 mm	3000 mm	
Max vent weight		500 kg	250 kg	250 mm	
Rebate height		27 mm	-	-	
Glass thickness	Vent	up to 62 mm	up to 65 mm	-	

PERFORMANCE					
	Thermal insulation (Uf)	Down to 1.5 W/m ² K	Down to 1.4 W/m ² K	Down to 1.4 W/m ² K	
	Acoustic performance (Rw (C; Ctr))	-	-	-	
	Air tightness	600 Pa (class 4)	600 Pa (class 3)	600 Pa (class 4)	
	Wind load resistance	1200 Pa (class 3)	1200 Pa (class 3)	1200 Pa (class 3)	
	Water tightness	150 Pa (class 4A)	100 Pa (class 3A)	100 Pa (class 3A)	
	Burglar resistance	-	RC 2	RC 2	