BI-FOLD PLUS

SYSTEM



Sightline

Jamb 89 mm, Meeting Stile 110 mm

Polyamide strip length

Frame 45 mm

Sash 45 mm

Profile thickness

Door 1.8 mm

Glazing

Max. 48 mm, Min. 25 mm

Maximum sash dimensions

Width (L) 1,200 mm, Height (H) 3,000 mm

Maximum sash weight

120 kg

Consult maximum weight and dimensions according to typologies

CORTIZO



CORTIZO

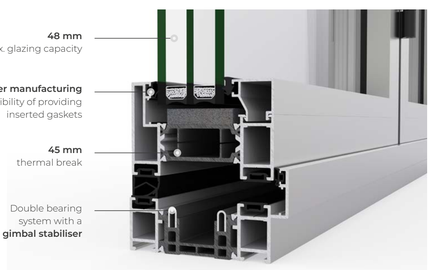
BI-FOLD PLUS SYSTEM

CORTIZO

Separate environments and unify spaces with this Bi-fold door system with an 80 mm deep frame. This evolution of the Bi-fold series offers an excellent thermal and acoustic performance, thanks to its 45 mm thermal break and a glazing capacity up to 48 mm. Besides, it presents a slim central section of 110 mm, which maximizes the glazed surface, filling the interior spaces with natural light.

PAS24

- High thermal & acoustic performance
- Maximized glazed surface
- Double bearing system with a gimbal stabiliser
- Faster manufacturing
- High security



BFRC Rating
kWh/(m²·yr)

≥20	A ++
>10 to 20	A +
0 to <10	A ✓
-10 to <0	B
-20 to <-10	C
-30 to <-20	D
-50 to <-30	E

Double glazing

BFRC Rating
kWh/(m²·yr)

≥20	A ++ ✓
>10 to 20	A +
0 to <10	A
-10 to <0	B
-20 to <-10	C
-30 to <-20	D
-50 to <-30	E

Triple glazing



FEATURES

U-value		Double glazing * $U_D \geq 1.2$ (W/m²K)	Triple glazing * $U_D \geq 0.78$ (W/m²K)
Air permeability		Class 4	
Watertightness		Class E750	
Wind resistance		Class C3	
Repeated openings and closings		50,000 cycles (Main swing door)	25,000 cycles (Even sashes)
Security test	PAS24	Passed	

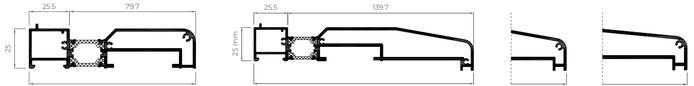
* Double glazing Ug=1.0 / Triple glazing Ug=0.5

110 mm



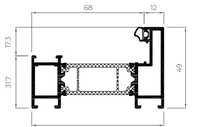
Security test: 3 sashes reference test. Configuration 321 2.70 x 2.50 m
AWW TEST. Resistance to repeated openings and closings: EN 1191, 3 sashes reference test. Configuration 321 3.73 x 2.50 m

DRAINAGE SUBCILLS

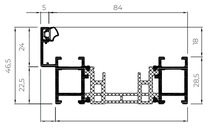


PROFILES WITH INSERTED GASKET

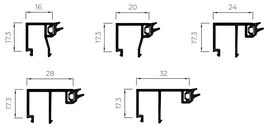
Sash



Outer Frame

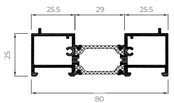


Glazing beads

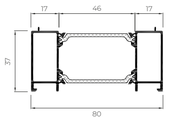


HEAD EXTENSION

Head extension 25 mm



Head extension 37 mm



OPENING POSSIBILITIES

Inward	Up to 14 sashes
Outward	Up to 14 sashes 90° corner sash without mullion

POSSIBILITIES

SECURITY HARDWARE

ACCESSIBILITY