

RANGE OF LEAVES

for automatic doors

As key elements of the Automatic Door, leaves are, with good reason, essential components for your comfort and safety.

- Thermal and acoustic comfort
- Property and personal security
- Observance of standards and regulations
- Harmonisation with existing architecture
- Freedom of customization and creativity.

RANGE OF LEAVES

With the joint efficiency of profiles and glazing units, leaves play an essential role everywhere you want to combine comfort and energy savings. Completely modular, our leaf solutions are compatible with all Portalp operators.

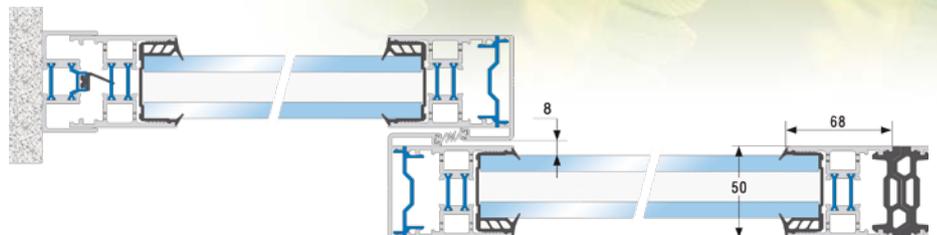
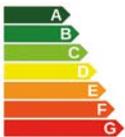


With a broad range of finishes, colours and shapes, they blend in harmoniously with every environment.

STANDARD LEAVES

G50 thermal break leaf

Energy savings are a leading concern nowadays. In a sector that is constantly changing and imposing new construction rules to improve the energy efficiency of buildings (Thermal Regulation 2005, draft Thermal Regulation 2010), Portalp relies on its know-how and its expertise to offer an innovating solution with leaves that meet the strictest thermal demands.



Like glazed façades of buildings, these transparent leaves allow natural light through while controlling the amount of solar heat that gets through. With a broad selection of finishes available, the automatic door equipped with G50 thermal break leaves is firmly committed to a sustainable energy approach, while increasing comfort and well-being in buildings.



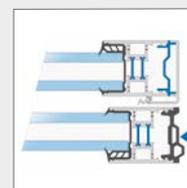
Equipped with Nylon bars blocking the passage of the cold air, the range of G50 thermal break profiles is designed to achieve technical efficiency, with a view to improving thermal comfort and reducing power consumption. Combined with insulating glazing with low-emissivity layer, these profiles offer a leaf solution that complies with current and future regulations.



Thermal transmission coefficient⁽¹⁾: 2.2 W/m².K
 Respects the 8-mm separation between the front of the seal and the glazing of the sliding leaf (to avoid catching fingers according to French regulations, Decree of 21/12/93, art. 4-2).
 Front tightness by rubber seal with means to prevent finger catching.
 Side tightness by EPT seal.
 Floor tightness by brush or retractable skirting.



Thermal insulation



Full opening



Retractable skirting

⁽¹⁾ Low emissivity glazing / calculated according to EN 14351 standard

Comfort and protection

Guaranteeing the tightness and insulation of your automatic door, all our leaves are equipped with specially designed seals. If double glazing is installed, your door becomes an important element for thermal insulation.



In addition to the optional electrical lock on the operator, the leaves can be equipped with additional mechanical security systems, such as built-in locks or catches.



Anti-bacterial glazing



Window decoration

G38 leaves

The G38 leaves provide a feeling of security and sturdiness. They support the option of installing insulating glazing, guaranteeing enhanced thermal and acoustic comfort.

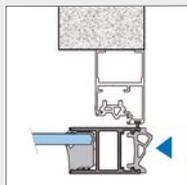
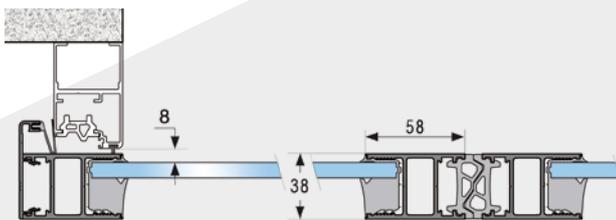
Locking systems can be built into the vertical profiles to guarantee optimum building security.



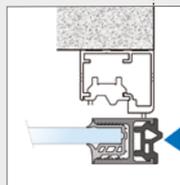
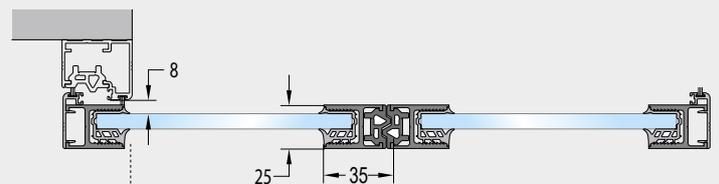
G25 leaves

Harmonious, with round, gentle shapes, the G25 range of profiles allows the glazing unit to be completely framed with a careful, elegant style.

The G25 leaves can be used in indoor and outdoor projects, and blend in perfectly with all types of façades.



Full opening bay width in opening position



Full opening bay width in opening position

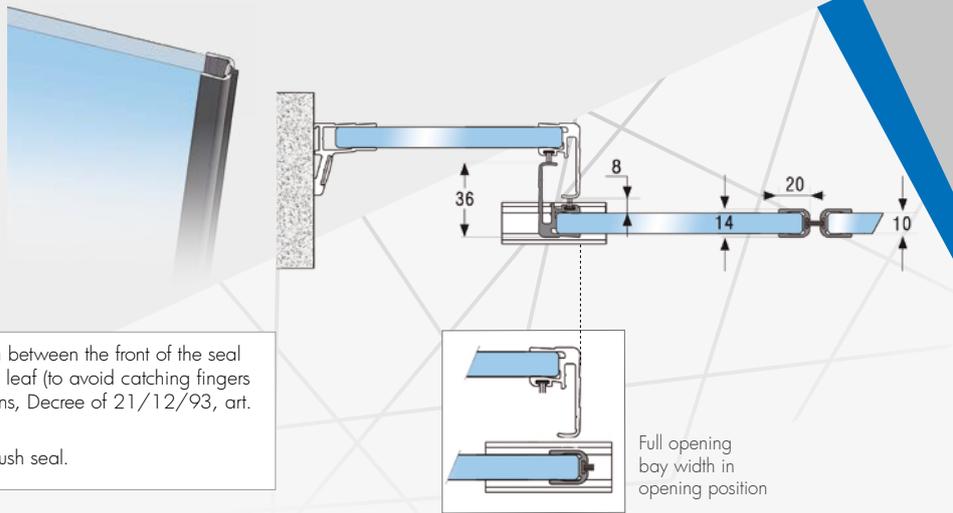


Respects the 8-mm separation between the front of the seal and the glazing of the sliding leaf (to avoid catching fingers according to French regulations, Decree of 21/12/93, art. 4-2).

Front tightness by rubber seal with means to prevent finger catching.
Side tightness by brush and EPT seal.
Floor tightness by brush.

LUMINA G10 leaves

The G10 leaves are covered with thin framing profiles ensuring a discreet, elegant solution and guaranteeing the door tightness required for outdoor installations.

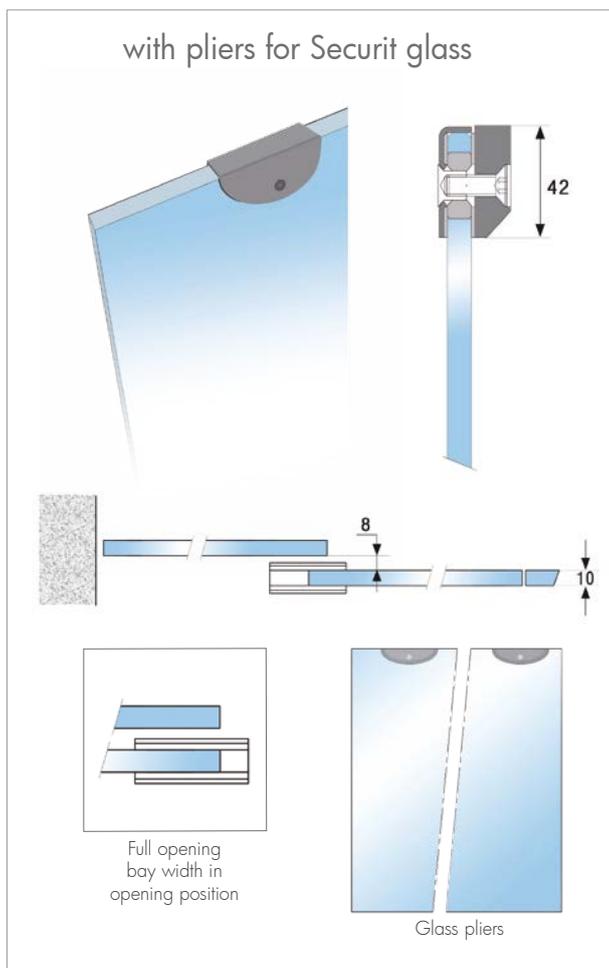


Respects the 8-mm separation between the front of the seal and the glazing of the sliding leaf (to avoid catching fingers according to French regulations, Decree of 21/12/93, art. 4-2).

Front and side tightness by brush seal.

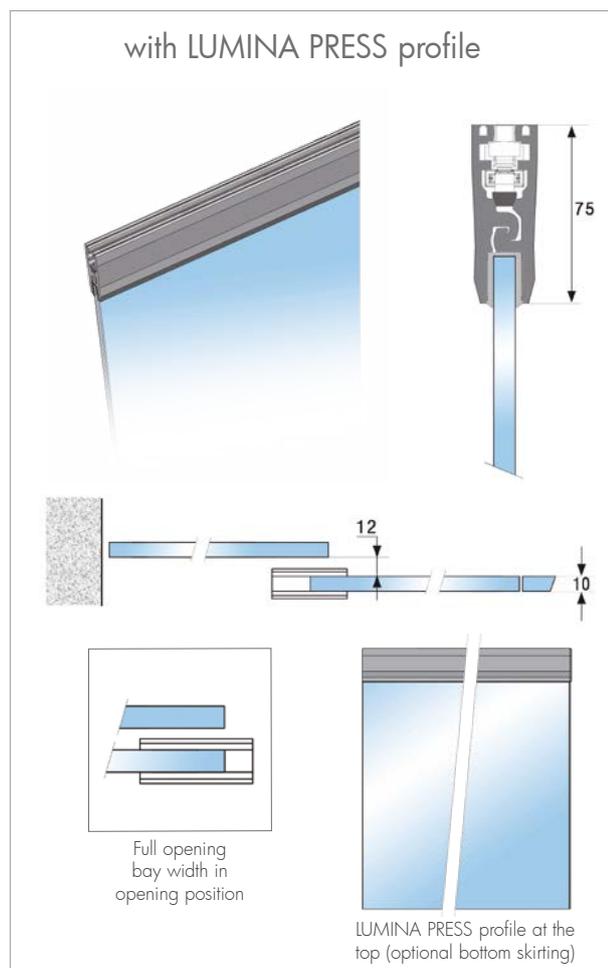
All-Glass LUMINA leaves

The G10 leaves are covered with thin framing profiles ensuring a discreet, elegant solution and guaranteeing the door tightness required for outdoor installations.



Full opening bay width in opening position

Glass pliers



Full opening bay width in opening position

LUMINA PRESS profile at the top (optional bottom skirting)



Respects the 8-mm separation between the front of the seal and the glazing of the sliding leaf (to avoid catching fingers according to French regulations, Decree of 21/12/93, art. 4-2).

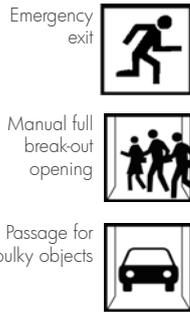
Drilling of the sliding glazing unit.



12-mm separation between the front of the seal and the glazing of the sliding leaf.

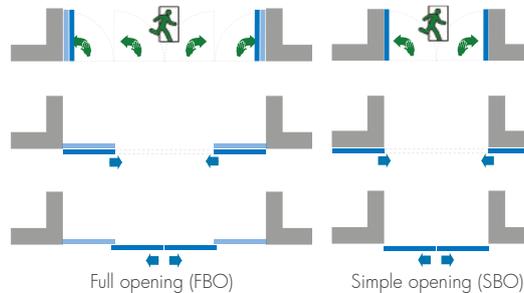
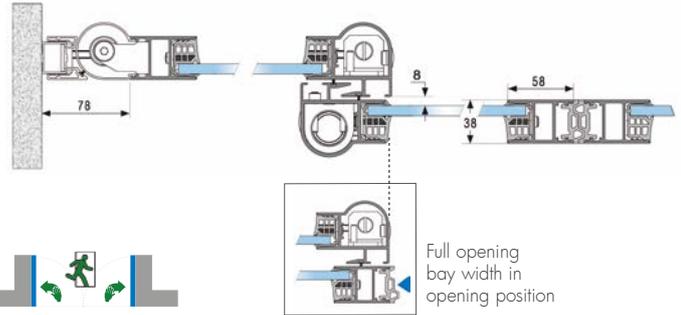
Glass held in place by pressure (no prior drilling), weight up to 90 kg

SPECIAL LEAVES



Breakout leaves with full or simple opening*

Designed to meet market requirements regarding security in public areas, breakout leaves make it possible to create a large opening by a simple manual operation.



i Front and side tightness by brush seal.
Complies with CO 48 (french regulation).

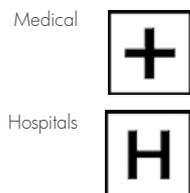
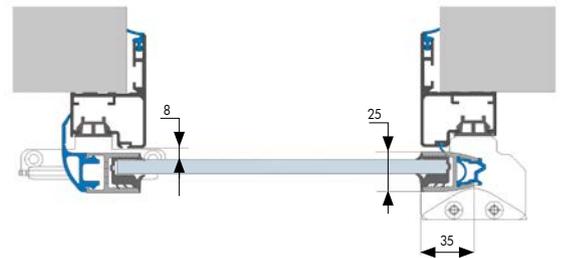
i Respects the 8-mm separation between the front of the seal and the glazing of the sliding leaf (to avoid catching fingers according to French regulations, Decree of 21/12/93, art. 4-2).

In case of breakout simple leaves (FBO), only the sliding leaves rotate, to the outside in closing position or to the inside however the leaves position. This version offer an alternative to the installations in emergency exit in a reduced space or to answer to specific applications.



Leaves with controlled leakage flow*

Equipped with special rubber seals, leaves with controlled leakage flow comply with the demands of the most advanced technology industries, in which a controlled atmospheric environment is necessary (hospitals, clean rooms, laboratories, etc.). They are combined with a special jamb profile guaranteeing perfect tightness of the door frames.



Hermetic leaves*

The hermetic leaves guarantee a reliable protection against dust, air, chemical and bacteriological attacks and radiation.

They are aimed at sectors with absolute health and safety requirements, such as operating theatres, disinfection rooms, sterile rooms, etc.

As for their structure, these leaves also guarantee effective soundproofing. They consist of a core with a sandwich structure covered with various materials or double glazing to make the most of daylight or ensure visibility of a room that requires surveillance...

i Leaf with sandwich-structure core, coated with melamine, laminate, polyethylene, stainless-steel, lead shielding etc. or laminated double glazing
Aluminium or stainless-steel frame, supporting structure and counter frame.
Optional flush oculus, contactless controls, etc.



Fireproof leaves*

Fireproof leaves consist of a fireproof glazed modular assembly which guarantees respect for current fire regulations with all the appearance and convenience of a standard glazed door.

This assembly has been designed to withstand sudden temperature increases in the event of a fire.

i Flameproof and fireproof leaves, 30 min or 1 h. (Standard EN1634-1)

*Special projects, please contact us.

LEAVES SPECIFICATIONS

SPECIFICATIONS	G50 LEAVES with thermal-bridge rupture	G38 LEAVES	G25 LEAVES	LUMINA G10 LEAVES	All-Glass LUMINA LEAVES	LUMINA/PRESS LEAVES	FBO/SBO LEAVES	LEAVES with controlled leakage flow
Thermal transmission coefficient U ⁽¹⁾	2,2W/m².K							
Profiles dimensions (mm)					Plier dim. L150 X I 42			
- Vertical/horizontal profile thickness	50 mm	38 mm	25 mm	14 mm		27 mm	38 mm	25 mm
- Vertical profile width	68 mm	58 mm	35 mm	20 mm			58 mm	35 mm
- Horizontal profile height	100 mm	100 mm	70 mm			75 mm	100 mm	70 mm
Glazing								
- Max. thickness	36 mm	26 mm	10 mm	10 mm	10 mm	10 mm	26 mm	10 mm
- Glazing type	Double 34, 36 mm	Simple 8,10 mm Double 26 mm Anti-intrusion 10,13,15 mm	Simple 8, 10 mm	Tempered glass 10 mm	Tempered glass 10 mm	Laminated glass 5+5	Simple 8,10 mm Double 26 mm Anti-intrusion 10,13,15 mm	Simple 8,10 mm
Sliding leaf seal	Top/floor Side/front	Top/floor Side/front	Top/floor Side/front	Side/front			Top/floor Side/front	Top/floor Side/front door frames
Installation	Mounting with EPT seal	Mounting with EPT seal	Mounting with EPT seal	Clipping	Glass drilling	Glass clipping up to 90 kg	Mounting with neoprene seal	Mounting with EPT seal

⁽¹⁾ Low emissivity glazing / calculated according to EN 14351 standard.

STANDARDS & REGULATIONS

Safety spacing between sliding leaf and fixed section	8 mm (European reg.)	12 mm	8 mm (European reg.)	8 mm (European reg.)				
CO 48 (DI release by manual travel)							Yes	

OPERATOR COMPATIBILITY

TINA		•	•	•	•	•	•	
DIVA L		•	•	•	•	•	•	• DL Clean
DIVA	•	•	•	•	•	•	•	

OPTIONS

Mid-rail	• H 150 mm	• H 98 mm	• H 72 mm • H 150mm				• H98 mm	• H150 mm
Infrared barrier (single or double)	•	•	•				•	
Hook lock (European cylinder)		•					•	
Catch lock (European cylinder)	•	•					•	
Key lock		•					•	
Retractable skirting	•							
Curving leaves		•	•	•	•			•
Built-in rail	•	•	•					•
RAL, anodised finishes	•	•	•	•			•	•
Glass decoration	•	•	•	•	•	•	•	•



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Certified management system