

Glazed  
industrial  
closing  
systems

## FOLDING glass

Multileafed folding door with lower guide



Bifold door having active leaves, consisting of metal frame. The perimetral frame of each leaf consists of galvanised steel section "L" ( dim. 60x80mm ) tubular profiles and mounting of galvanised steel section "T" ( dim. 60x50mm ) tubular profiles. The finishing consists of textured painting colour similar to RAL. Windowpanes in different type of glass (laminated, insulating, security glass, transparent, tinted glass) with maximum thickness up to 40mm. Glazing bead having metal section secured against the edge of a glass pane to hold it in place and textured paint finishing colour similar to RAL.

The upper guide consists of two rails painted in black colour: equipped with trolleys and bearings and already arranged for possible motorizations, steel anchors, junction for assembling door leaves and chain holders. For single pack solution, the lateral leg (column) consists in 120x40mm galvanised steel profile, fastened onto the wall thanks to galvanised steel anchors. The bottom rail consists of "U" shape galvanised steel profiles designed under our technicians' supervision and provided with distance regulators in accordance with the wheelbase of the door. Lower guide is provided with holes and pipes for plumbing. An execution drawing is provided to guide the installation of the lower guide.

The matt black flap hinges consist of aluminium alloy, obtained from a process of die-casting. Hinge is equipped with ball bearings between the knuckles to reduce friction and ensure ease of operation. The galvanised steel pin is designed thanks to milling machine which assures an internal fixing without possibility to be removed. Cremones (cremone bolts) and aluminium handles painted in black colour are installed on the internal face of door panels at eye level. Cremones are designed to grant 4 fastening points and central friction. A vertical galvanised steel flush bolt (tower bolt) is provided with two die-cast brass rods to grant two points of closure. In order to assure an easy sliding, all strike plates are internally covered by Teflon.

The panel gasket consists in EPDM rubber (anti-aging) alongside the perimeter in order to assure strong closure between wings. The space between wings consists in 50mm. (anti-crushing) for all versions: manual, motorized or arranged for the motorization according to the Law.

The upper and lower gaskets are designed in C shaped gasket with pre-cut lines in order to grant different possibilities in adapting the door to the clear opening, the floor and the ceiling (lintel). Horizontal and vertical gaskets are sealed as a single profile, which guarantees thermal insulation and avoids water coming inside.

Working temperature: -30°Celsius; +70°Celsius

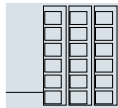
Windload resistance directive CE EN13241-1, windload class resistance 4

Thermal transmittance 13241-1 U=1,6W/sqm.K.

NOTES: walling works for the installation of the lower guide to be paid by the customer



w e o p e n y o u r f u t u r e

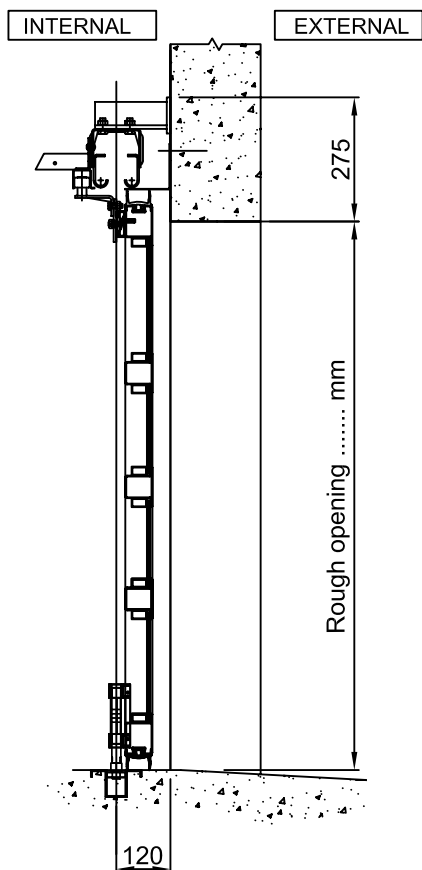


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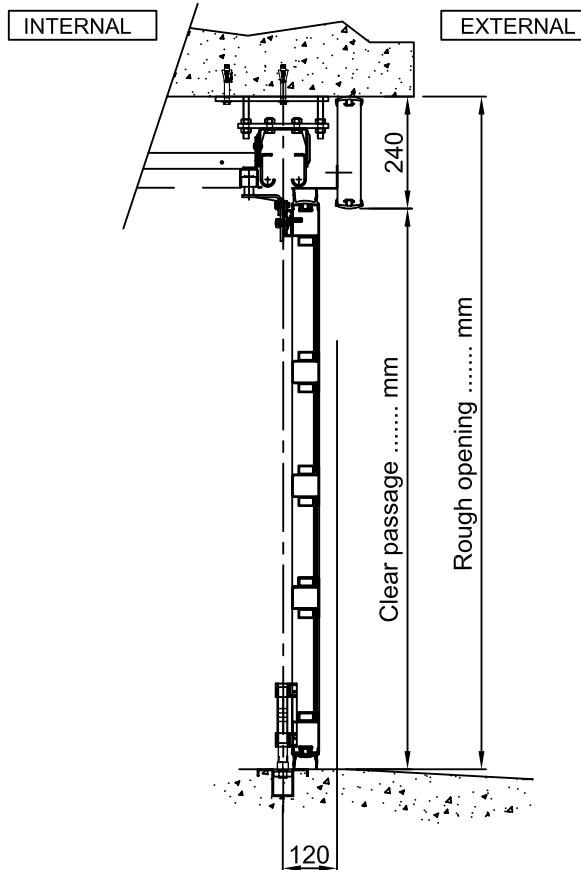
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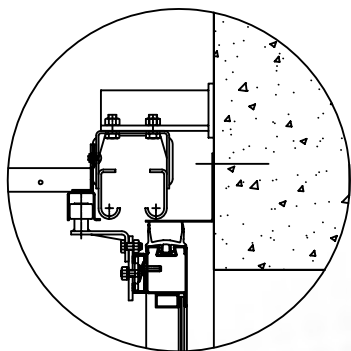
CROSS SECTION  
STANDARD FASTENING



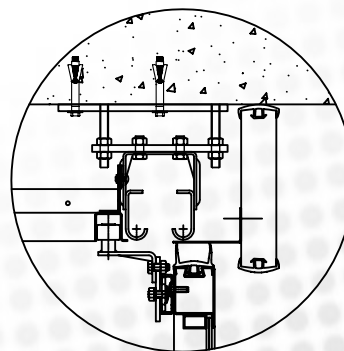
CROSS SECTION  
FASTENING ON THE CEILING



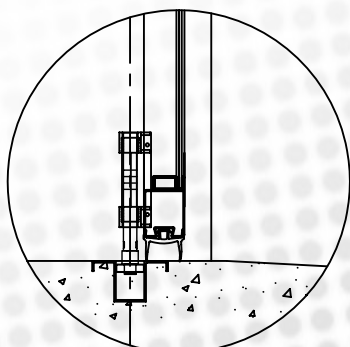
Detail of the upper guide  
Standard fastening



Detail of the upper guide  
Fastening on the ceiling



Detail of the lower guide





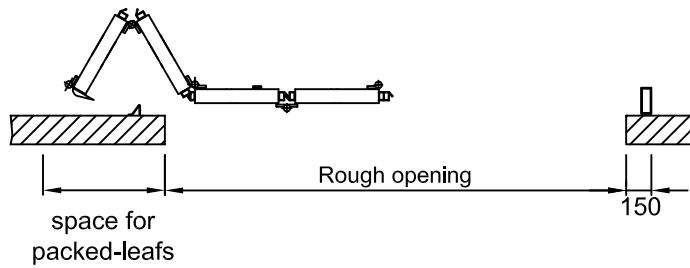
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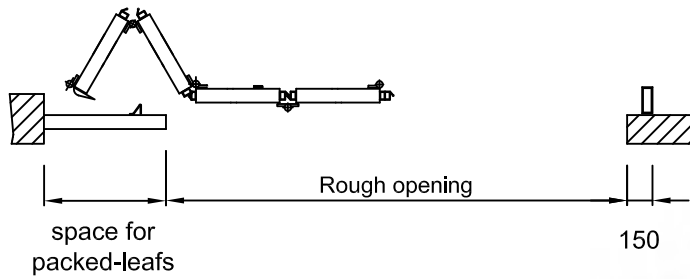
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## HORIZONTAL SECTION

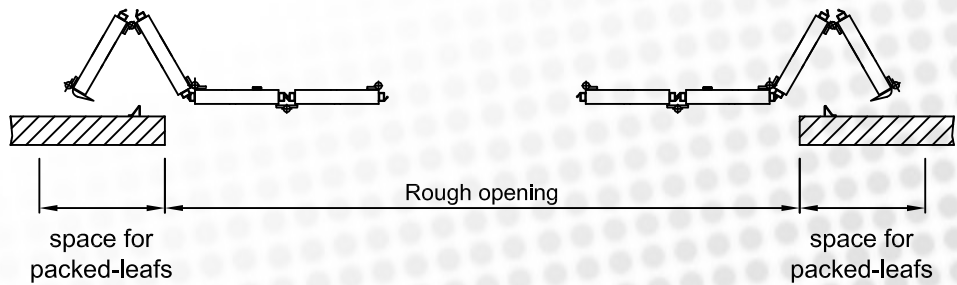
Mod. FOLDING Glass  
Face fixed

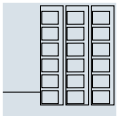


Mod. FOLDING Glass  
Reveal fixed

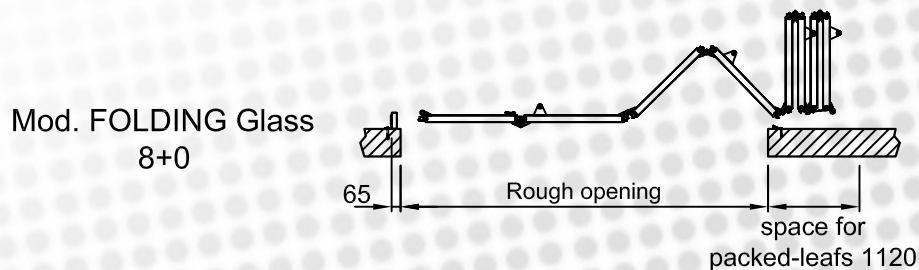
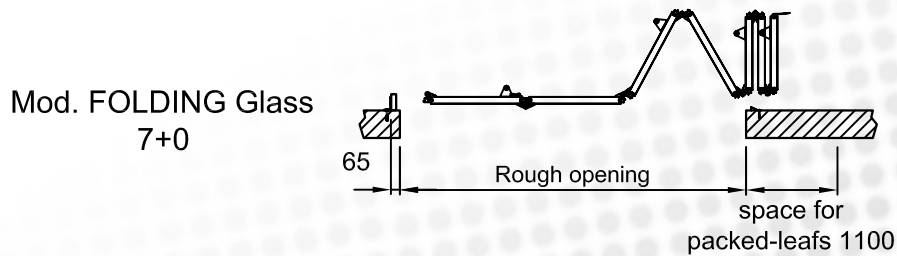
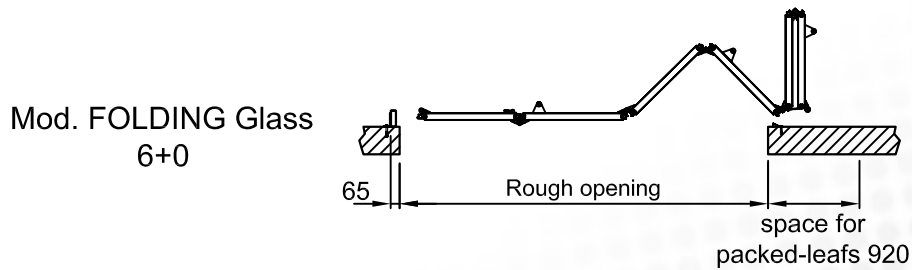
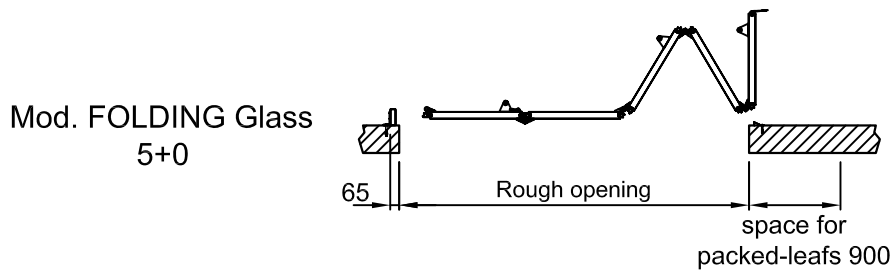
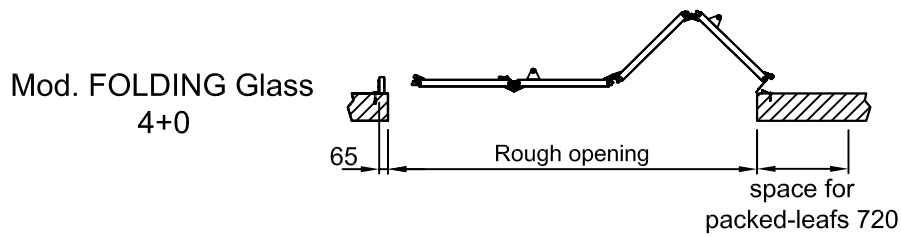
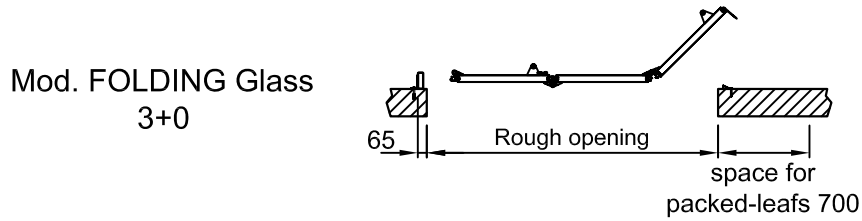


Mod. FOLDING Glass  
2L



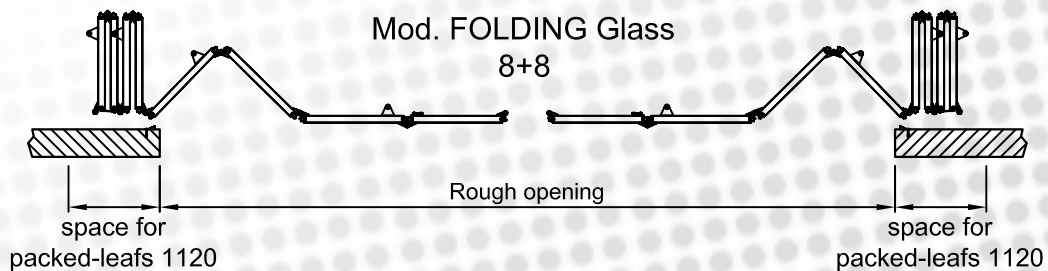
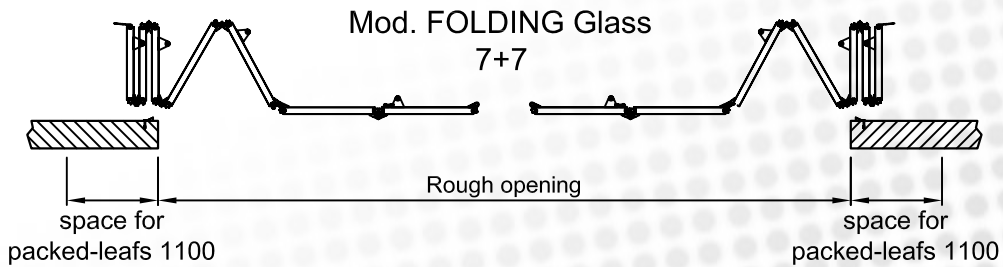
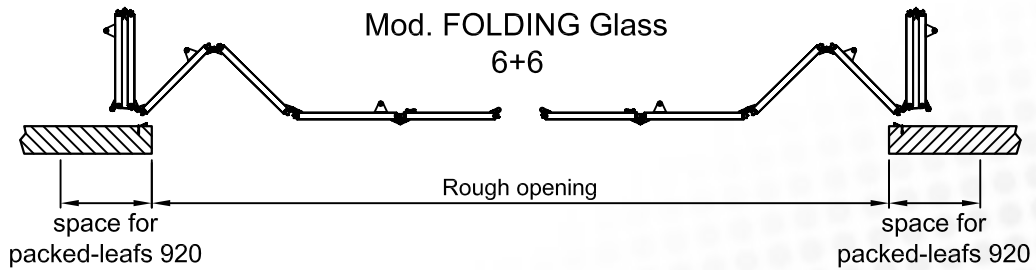
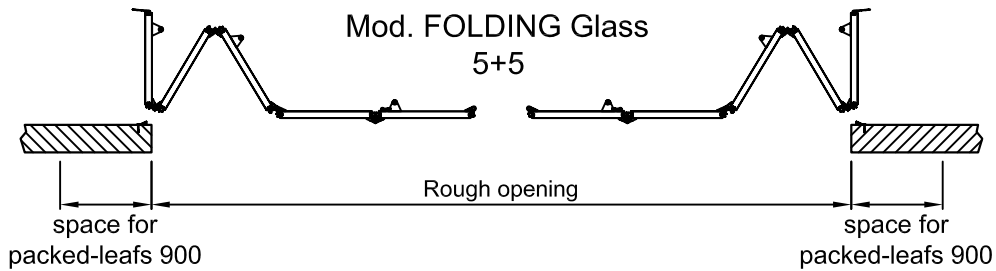
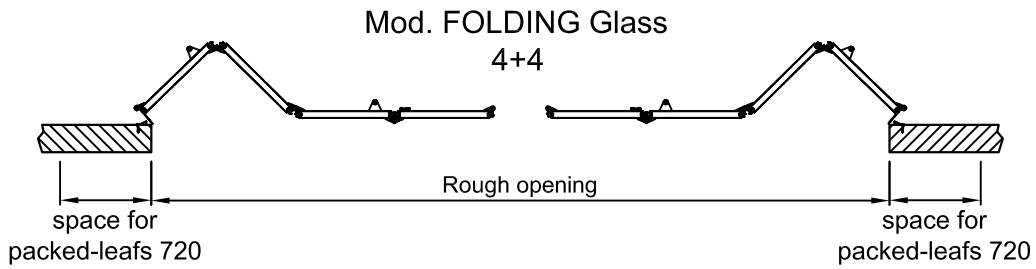
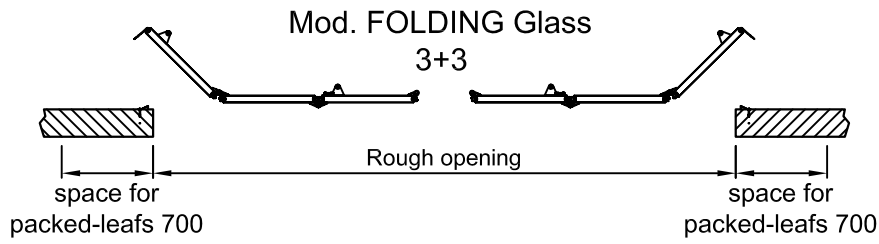


### HORIZONTAL SECTION





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## O P T I O N A L

- Pedestrian door with or without threshold (wicket door)
- Fixed insulated panels covered with pre-painted sheet
- Louvred panels
- Glazed panes (possible different characteristics)
- External tower bolt with lock and lever
- Possible RAL painting for door frame
- Tubular beam
- Automation (motor) according to the law

*Machinery directive compliance 98/37/CE*  
*Directive for low voltage tools compliance 73/23/CEE*  
*Electromagnetic compatibility directive compliance 89/336/CEE*  
*EN 12445, safe use for motorised door. Test*  
*EN 12453, safe use for motorised door. Requirements*



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