



Architect: Josep M. Ferran Mercaadé y Gabriel Bosques Sanchez Photography: DR Technal

PPM

FOLDING DOOR







PPM, simple lines and easy operation



Photography: J.-C. Ballot

Simple lines and easy operation.

The PPM range is a suspended or supported folding door system that allows multiple configurations for both the suspended or supported versions and is available with 3,4 or 6 leaves.

The PPM door offers simple lines and easy operation for maximum opening capacity. It is ideal for shops, multi-purpose rooms, conservatory, cafe terraces, etc.

Ergonomic by design, all of the manoeuvre elements result in quick and easy opening.



PPM, folding door



**Supported
version**



**Suspended
version**

Key features

Supported version

The rolling movement is assured, in the lower part of the door, by a carriage with 4 wheels, which sits on a needle roller bearing, slides in the threshold section. The guiding system is housed in the top part of the door. The threshold is designed so that cleaning and maintenance can be carried out without the need for disassembly.

Suspended version

The rolling movement is provided by a top hinge fitted with 4 wheels with needle rollers and a bottom hinge for guiding and holding the leaf.

Easy operation

- The ergonomics of the Technal handles and the guiding system facilitate the movement of the leaves which takes just a few seconds.
- Handles and cremone buttons fitted with stops to prevent shocks when folding the leaves.



Handle, moving leaf



Cremone button, semi-fixed leaf

A selection of actuation devices

- Double handle with a 2 or 3-point lock.
- Technal pull handle with a 2 or 3-point ball bearing lock.
- The intermediary leaves are closed via a cremone button fitted with an anti-degradation stop.
- Closure of the semi-fixed leaf by a cremone button or lock.

Easy installation

A special outer frame houses the top and lateral outer frames. An adjustment device allows the door to be adjusted whilst adapting to differences in level and also contributes to weather tightness.

- Glazing from 6 to 20 mm.
- Weight per leaf up to 45 kg for the suspended version or 60 kg for the supported version for a maximum height of 2.50 m.
- Subjected to 18000 opening/closing test cycles
- Weather tightness is achieved by a double barrier of compressible tubular gaskets which not only guarantee weather tightness but also reduce the risk of trapping fingers.
- Leaf adjustment via actuators positioned on the guide rail which also absorb level differences. Possible continuous adjustment of the load bearing outer frame.
- Possible continuous adjustment of the load bearing outer frame.



Top section of a folding suspended door

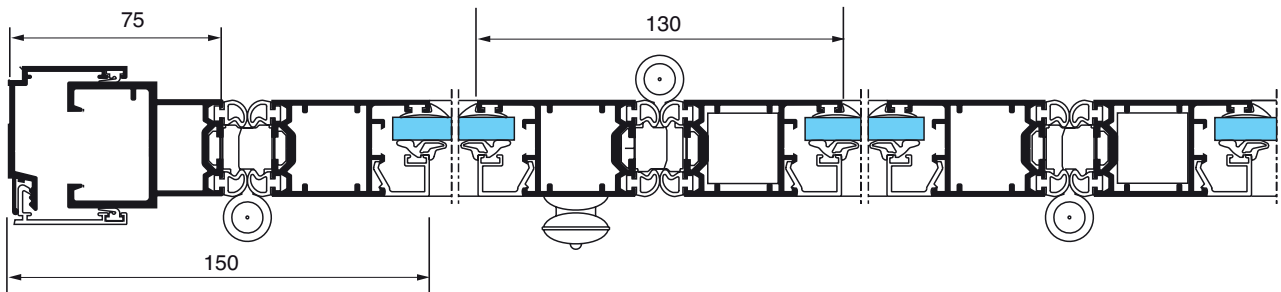
High running performance

- At the bottom of the door a carriage mounted onto needle roller bearings slides through the threshold section.
- The guiding section of the threshold is designed to enable cleaning and maintenance operations without disassembly.
- In the top section of the door, a hinge fitted with guide rollers slides through the rail section.



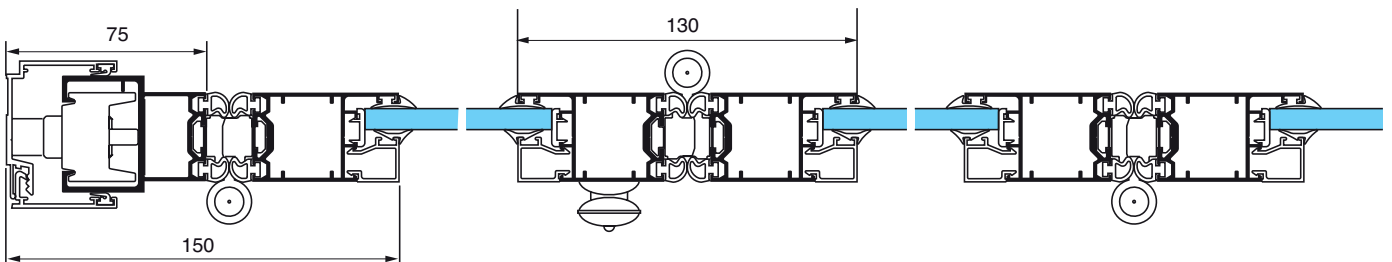
Sections

3-leaf folding door



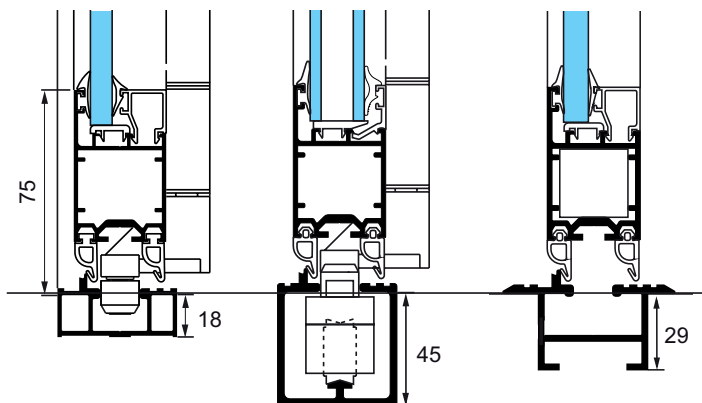
Horizontal cross-section

6-leaf folding door



Horizontal cross-section

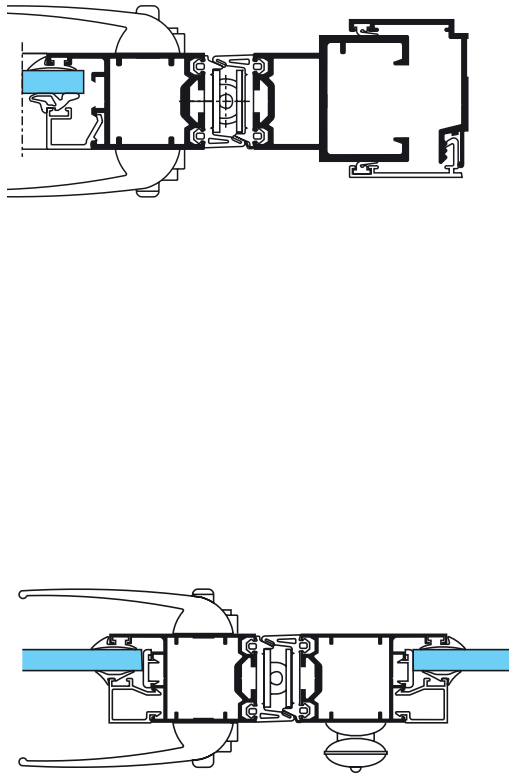
Thresholds



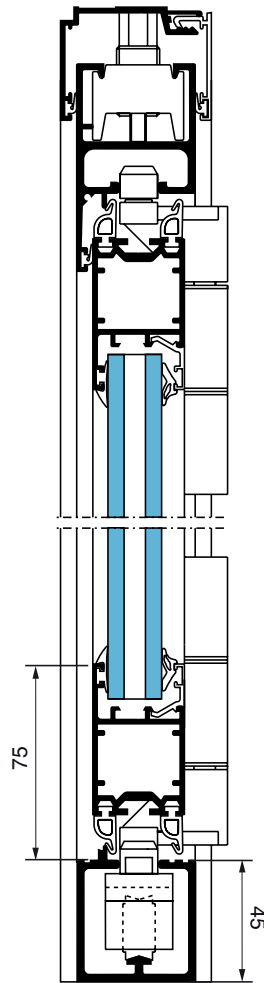
suspended
folding door

supported
folding door

recessed
threshold

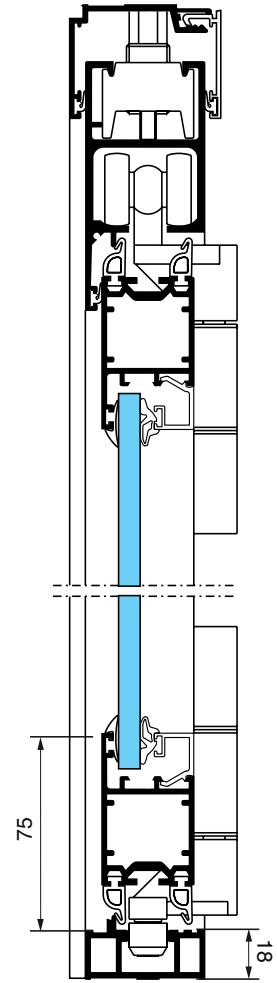


Supported version



Vertical cross-section

Suspended version

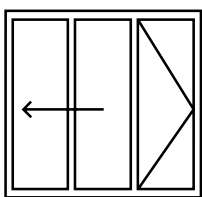


Vertical cross-section

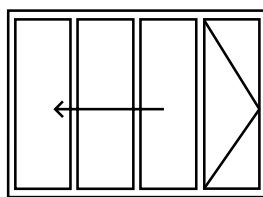


Applications

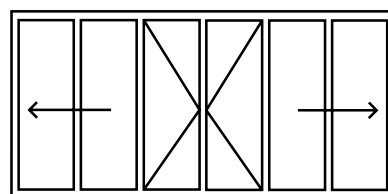
Shops, multi-purpose rooms, brasseries, cafe terraces, shopping centres, conservatory...



3-leaf folding door



4-leaf folding door



6-leaf folding door



1



2



3

- 1. Photography: Photo ISO Studio
- 2. Architect: Bruno Petit Photography: Photo ISO Studio
- 3. Architect: J.-Y. Puyo Photography: Xavier Boymond