

# THERMALLY INSULATED SLIDING DOOR PST PROFILE SYSTEM



The Gilgen PST profile system combines a high energy efficiency with an unchanged slim profile view and is thus the optimal choice for external doors.

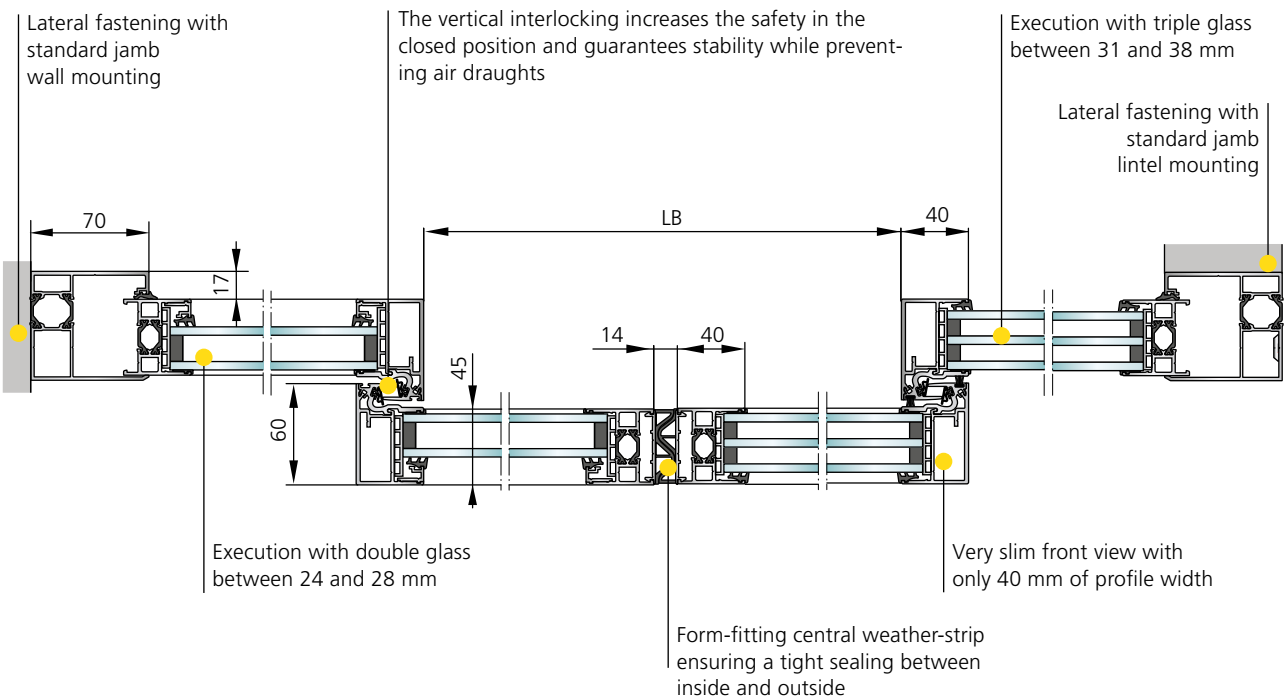
- High thermal protection / low  $U_g$ -value
- Single and bi-parting sliding doors
- With side panel, glazed overhead panel
- Emergency-exit function (redundant configuration)
- Standard locking-system built into drive mechanism
- FLUVERI multi-point locking (integrated into door leaf) manual / automatic
- Full-length bottom rail with or without drainage
- Fixed point guide
- Can be attached to the door lintel or wall
- Low air permeability
- High degree of water tightness
- High wind resistance
- Sealing between warm and cold zones
- Vertical door leaf interlocking
- Burglar-resistant execution RC2
- The energy saving specifications, such as e.g. EnEV, are complied with (country-specific requirements need to be taken into account)
- Certified overall system (EN 16361)
- TÜV approved and complies with the pertinent standards and requirements (e.g. EN 16005, DIN 18650)

## Range of application

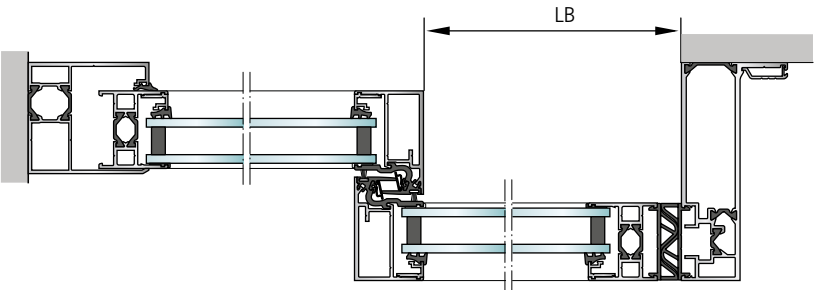
SL 35 sliding door	Clear width	Clear height	max. door leaf weight
Single door leaf	700 - 1500 mm (redundant 950 - 1500 mm)	up to 3000 mm	150 kg
Bi-parting	800 - 3000 mm (redundant 900 - 3000 mm)	up to 3000 mm	2 x 150 kg

# Possible applications

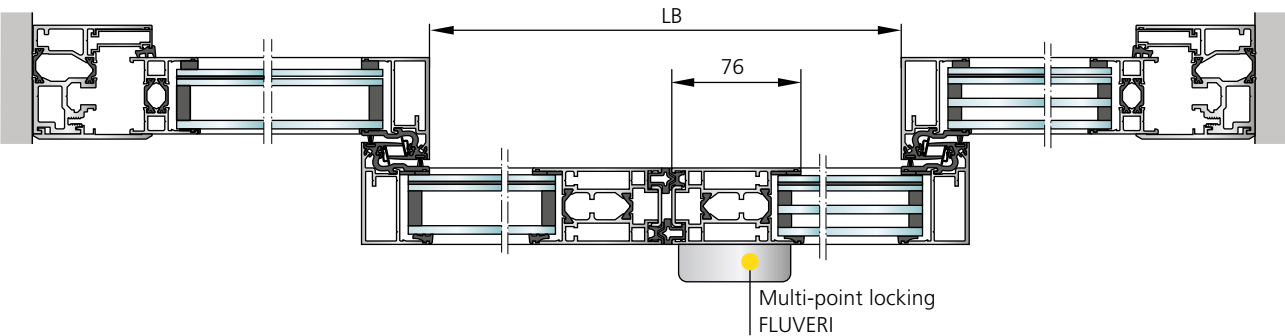
## Bi-parting installation with side panels



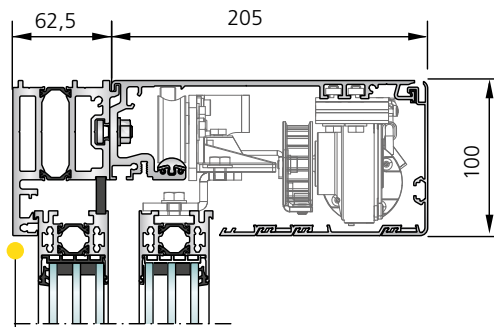
## Single door leaf installation with side panel



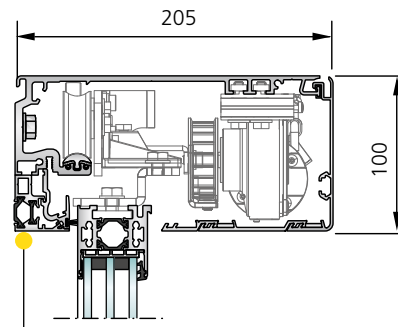
## Bi-parting installation with side panels, RC2 tested



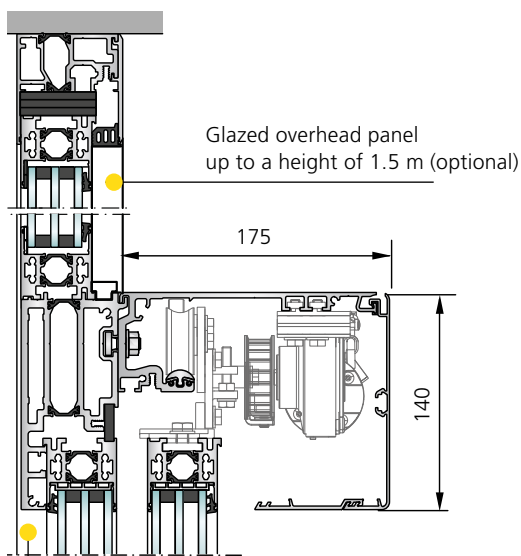
## Header height of 100 mm and 140 mm



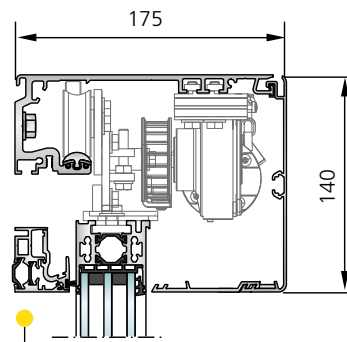
Header 100 mm  
with side panel and supporting profile



Header 100 mm  
without side panel / supporting profile

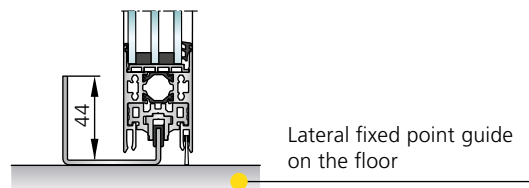


Header 140 mm  
with side panel and supporting profile

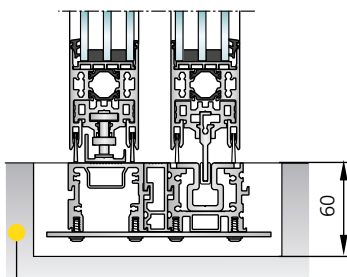


Header 140 mm  
without side panel / supporting profile

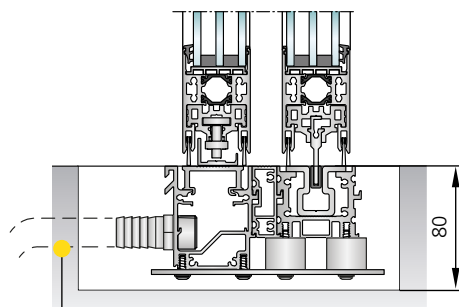
## Bottom guide rails



Lateral fixed point guide  
on the floor

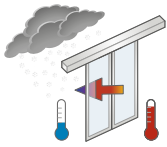


Full-length bottom rail integrated in the floor  
(for increased safety and stability)



Full-length bottom rail with drainage  
(for installations extremely exposed to wind and weather)

## Tested according to product standard EN 16361



### Heat-transfer coefficient\*

$U_d$ -value with insulated double-glazing:  
approx. 1.4...1.8 W/(m<sup>2</sup>K)

$U_d$ -value with insulated triple-glazing:  
approx. 1.1...1.6 W/(m<sup>2</sup>K)



### Watertightness\*

- 5 A



### Air permeability\*

- PPD 2



### Wind resistance\*

- PPD 800 A
- PPD 800 B
- PPD 700 C

\*Depending on the size of the system and its configuration:

Values for a bi-parting system of clear width 1600 mm x clear height 2200 mm with fixed panel and bottom rail with drainage

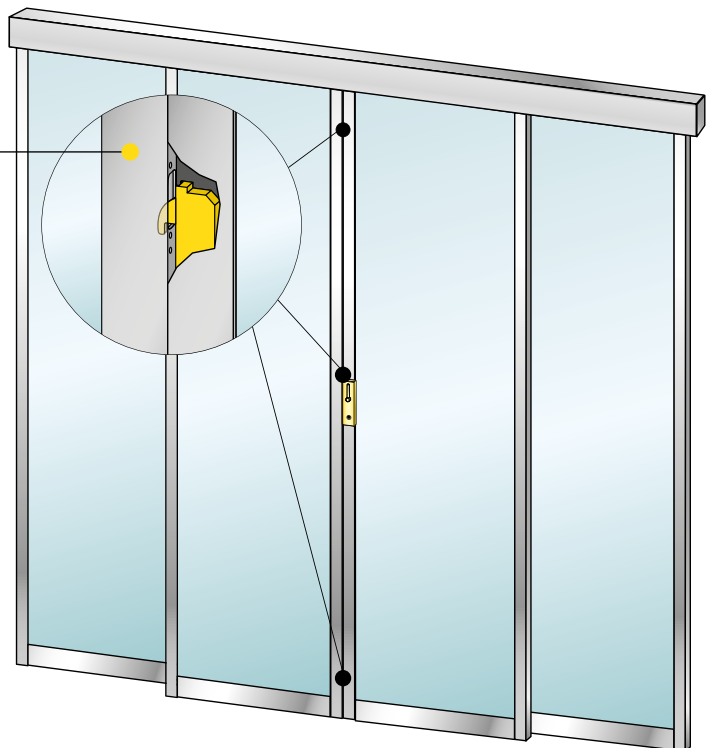
## Options

### FLUVERI multipoint locking

- automatic or manual
- two-way interlocking of the door leaves, incorporated in the vertical profile
- Options
  - manual unlocking lever with cylinder
  - locking bolt engaging into the floor for manual version
  - lock monitoring

### Hook lock

- manual single-point locking
- invisibly incorporated in the vertical profile



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