

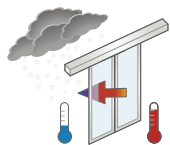
# BURGLAR-RESISTANT AUTOMATIC SLIDING DOOR SL35 - RC2 / RC3



Gilgen's SL-Series PSXP RC2/RC3 profile systems offer optimum resistance to break-in attempts. They are certified according to European standards and in addition tested successfully by BRE (British testinstitute). Certification according to British standards pending.

- Single-leaf and bi-parting sliding doors
- With side panel(s), glazed overhead panel and / or protective leaf / leaves
- Fulfills European break-in prevention standards: EN 1627 - EN 1630
- Successfully tested according to British standards. Certification according to PAS24, LPS2081 and LPS1175, pending.
- TÜV-tested for conformity with corresponding specifications and standards for safety in use (e.g. EN 16005)
- Emergency-exit function (redundant configuration)
- FLUVERI multi-point locking mechanism (concealed by integration into door leaf), automatic / manual
- Flush bottom guide rail / drainage optional
- Can be attached to the door lintel or wall
- Self-supporting, with jamb reinforcement
- Vertical interlocking of door leaf

## Tested for conformity with product standard EN 16361



### Heat-transfer coefficient\*

#### PST:

$U_g$ -value with double-glazed insulation:  
approx. 1.4 to 1.8 W/(m<sup>2</sup>K)

$U_g$ -value with triple-glazed insulation:  
approx. 1.1 to 1.6 W/(m<sup>2</sup>K)

#### PSXP:

$U_g$ -value with double-glazed insulation:  
approx. 2 to 2.5 W/(m<sup>2</sup>K)



### Air permeability\*

#### PST:

PPD 2

#### PSXP:

PPD 1



### Watertightness\*

#### PST:

5 A

#### PSXP:

5 A



### Wind resistance\*

#### PST:

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

#### PSXP:

- PPD 600 B
- PPD 400 C

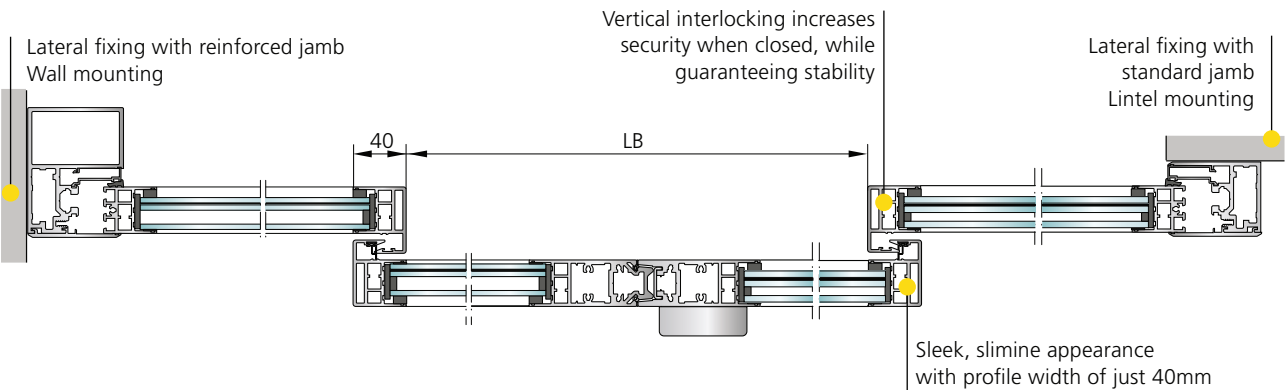
\*Depending on the size of the system and its configuration variant:

Values for a bi-parting system of clear width 1600 mm and clear height 2200 mm, with side door panel and drained bottom guide rail

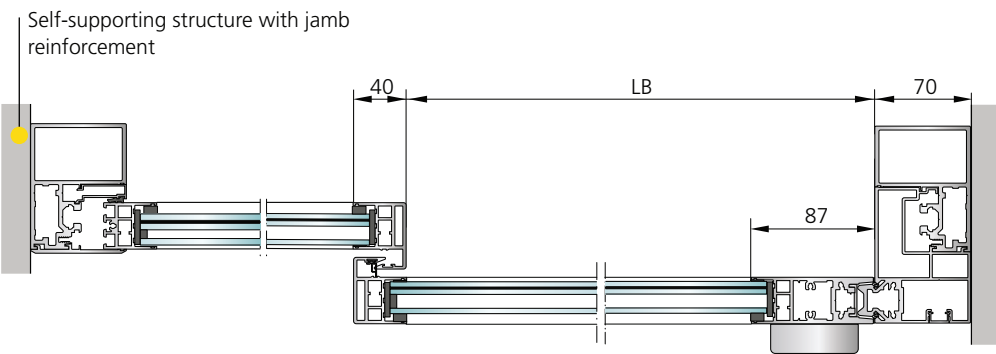
# Possible configurations

## Installation with PSXP in RC2 and RC3

### Bi-parting installation with side panels

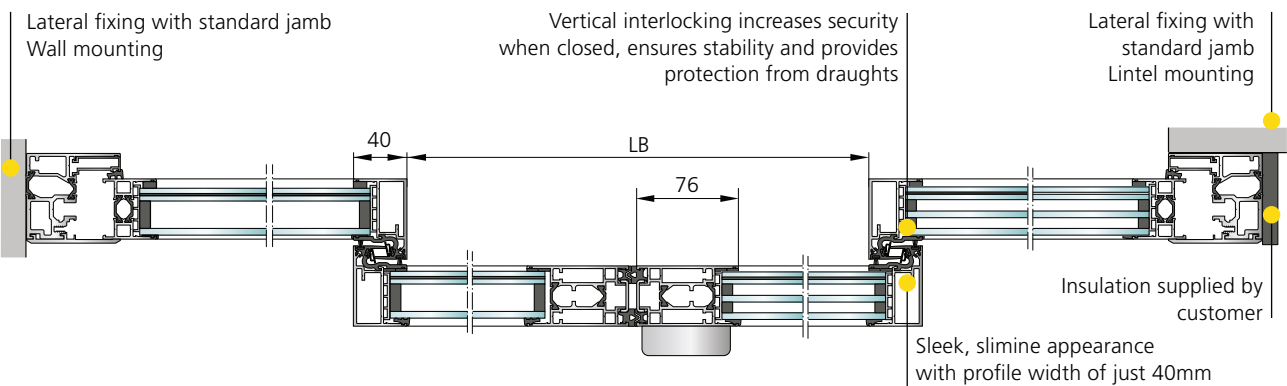


### Single-leaf installation with side panel

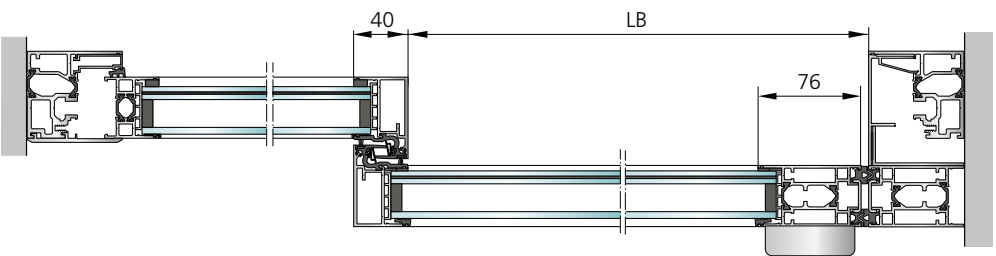


## Installation with PST (thermally insulated) in RC2

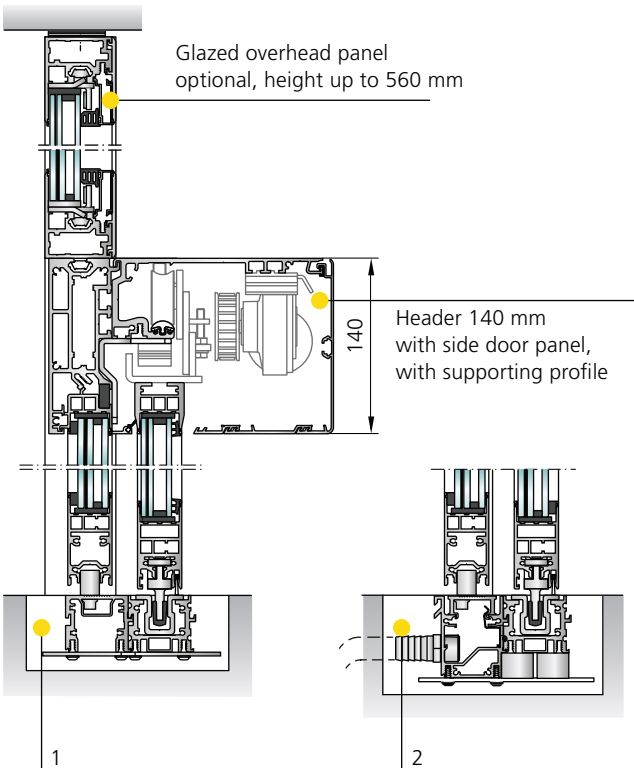
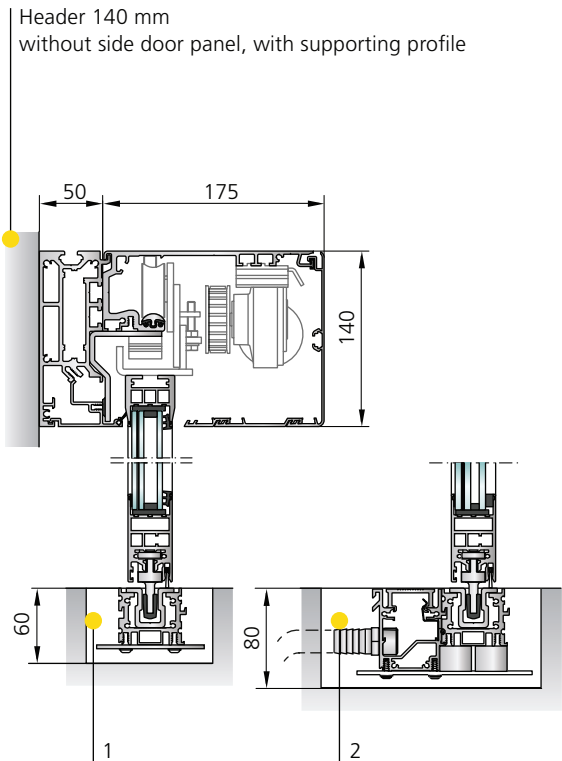
### Bi-parting installation with side panels



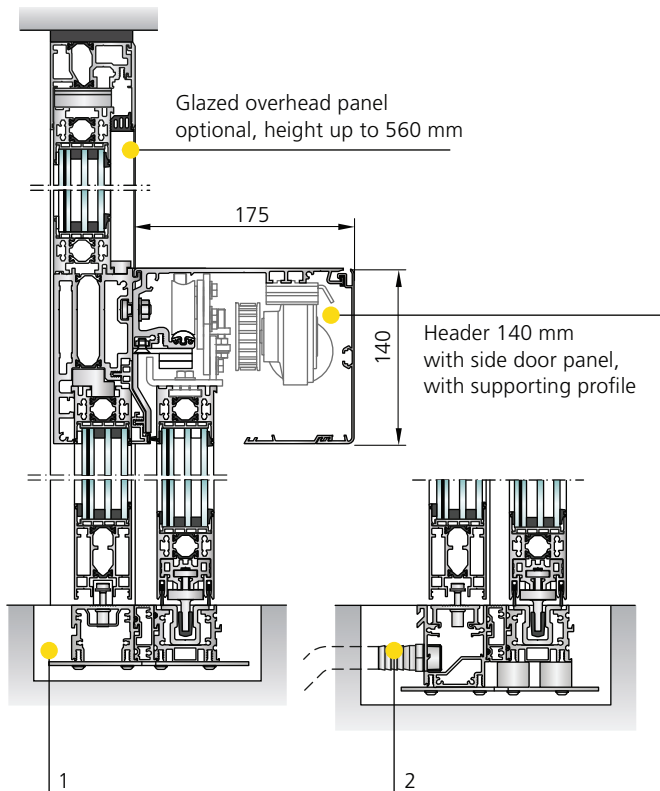
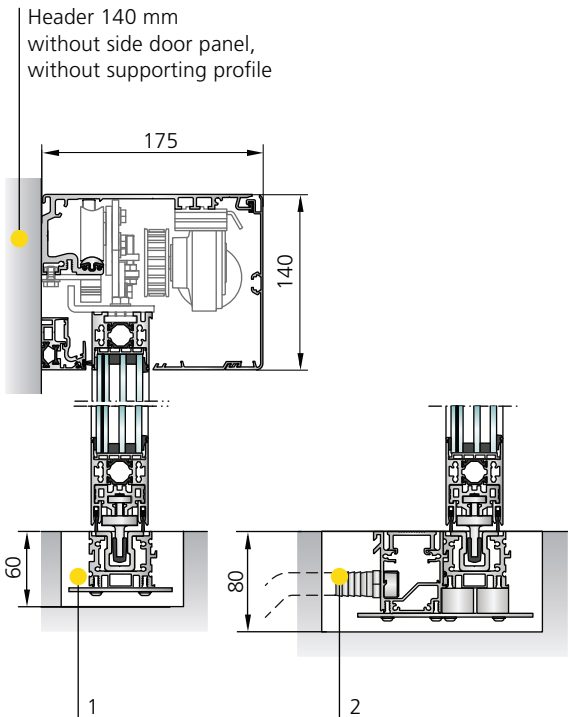
### Single-leaf installation with side panel



Installation with PSXP in RC2 and RC3



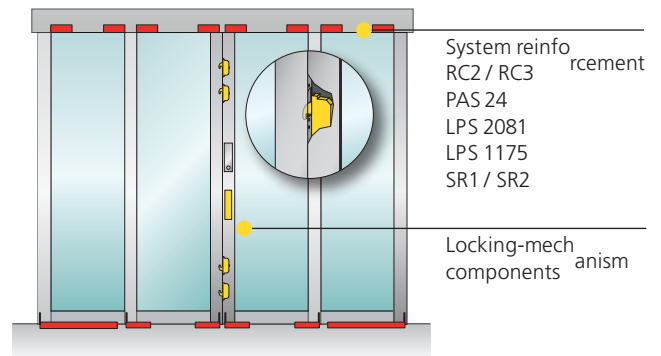
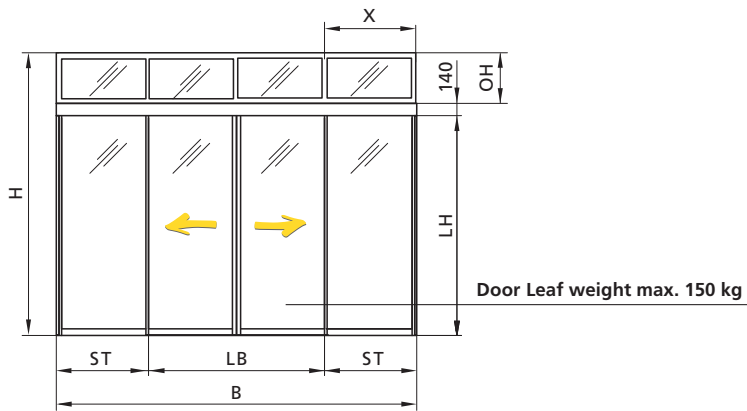
Installation with PST in RC2



1 Integrated flush bottom guide rail  
(for greater safety, security and stability)

2 Drained flush bottom guide rail  
(for installations exposed to extreme weather conditions)

## Multi-point locking (FLUVERI RC) components and system reinforcement



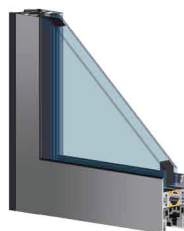
Configuration	RC2	RC3	PAS 24	LPS 2081 + 1175
<b>Bi-parting system with side panel and glazed overhead panel</b>				
Clear width (LB)	800-3000	800-3000	800-3000	800-3000
Clear height (LH)	2000-3300	2000-2640	2000-2640	2000-2640
Side panel width (ST)	438-1850	438-1850	438-1850	438-1850
Overhead panel height (OH)	300-560	300-560	300-560	300-560
Installation width (B)	1730-6130	1730-6130	1730-6130	1730-6130
Installation height (H)	2440-4000	2440-3340	2440-3340	2440-3340
<b>Bi-parting system with side panel</b>				
Clear width (LB)	800-3000	800-3000	800-3000	800-3000
Clear height (LH)	2000-3300	2000-2640	2000-2640	2000-2640
Side panel width (ST)	438-1850	438-1850	438-1850	438-1850
Installation width (B)	1730-6130	1730-6130	1730-6130	1730-6130
Installation height (H)	2140-3440	2140-2780	2140-2780	2140-2780
<b>Bi-parting system without side panel</b>				
Clear width (LB)	800-3000	800-3000	800-3000	800-3000
Clear height (LH)	2000-3300	2000-2640	2000-2640	2000-2640
Installation height (H)	2140-3440	2140-2780	2140-2780	2140-2780
<b>Single door leaf without side panel, with left or right hand opening</b>				
Clear width (LB)	700-1650	700-1650	700-1650	700-1650
Clear height (LH)	2000-3300	2000-2640	2000-2640	2000-2640
Installation height (H)	2140-3440	2140-2780	2140-2780	2140-2780

### Details of PST (thermally insulated) in RC2

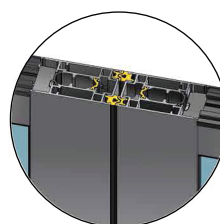
Triple glazing  
34 to 37 mm thick



Double glazing  
34 to 37 mm thick



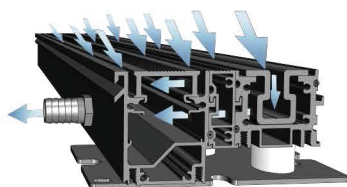
Central sealing  
thermally insulated profiles



Vertical interlocking  
incl. thermal insulation



Drained bottom guide rail



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