

BURGLAR-RESISTANT SLIDING DOOR RC2 AND RC3



Gilgen's PSXP and PST (thermally insulated) RC2/RC3 profile systems offer optimum resistance to break-in attempts.

- Single-leaf and bi-parting sliding doors
- With side door panel, glazed overhead panel and protection leaf
- Emergency-exit function (redundant configuration)
- FLUVERI multi-point locking (integration into door leaf), automatic / manual
- Full-length bottom rail / drainage optional
- Can be attached to the door lintel or wall
- Self-supporting with jamb
- Vertical interlocking of door leaf
- Fulfils European break-in prevention standards EN 1627 - EN 1630
- Certified overall system (EN 16361)
- TÜV-tested for conformity with corresponding specifications and standards (e.g. EN 16005, DIN 18650)
- Door leaf weight up to 240 kg in combination with SL 45 (header case 140 mm)

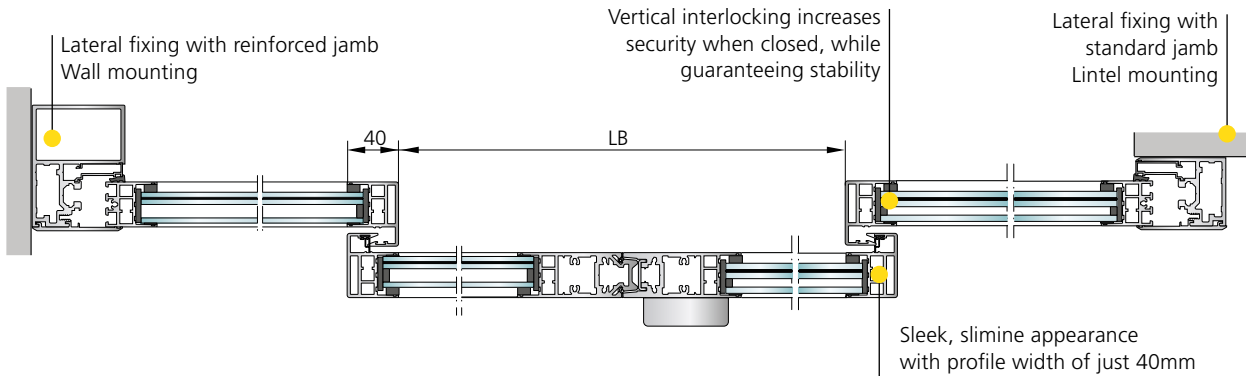
Range of application

	PSXP RC 2	PSXP RC 3	PST RC 2	PST RC 3
Clear width	single-leaf 700 – 1650 mm (redundant 950 – 1650 mm) bi-parting 800 – 3000 mm (redundant 900 – 3000 mm)		single-leaf 700 – 1650 mm (redundant 950 – 1650 mm) bi-parting 800 – 3000 mm (redundant 900 – 3000 mm)	
Clear height	max. 3300 mm	max. 2640 mm	max. 3000 mm	max. 2640 mm
Glazed overhead panel height	300 - 560 mm	300 - 560 mm	300 - 1000 mm	300 - 1000 mm
Door leaf weight SL 35	max. 150 kg per leaf	max. 150 kg per leaf	max. 150 kg per leaf	max. 150 kg per leaf
Door leaf weight SL 45	max. 240 kg per leaf	max. 240 kg per leaf	max. 240 kg per leaf	max. 240 kg per leaf

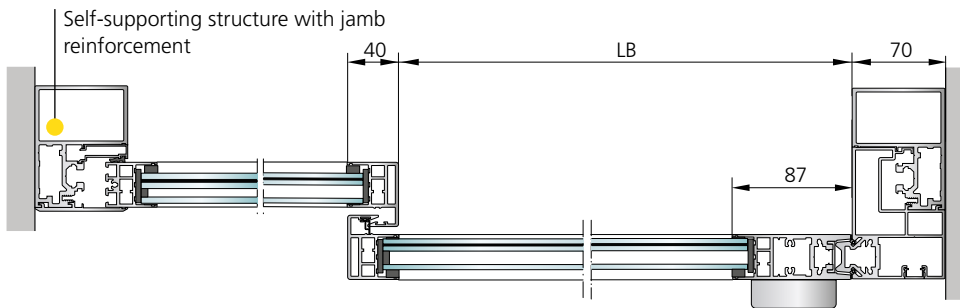
Possible configurations

Door system with PSXP in RC2 and RC3

Bi-parting door system with side panels

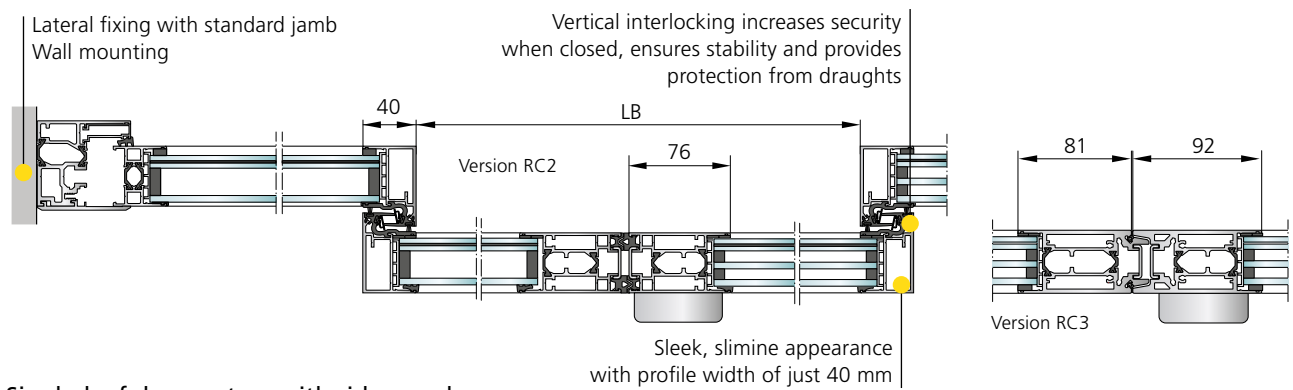


Single-leaf door system with side panel

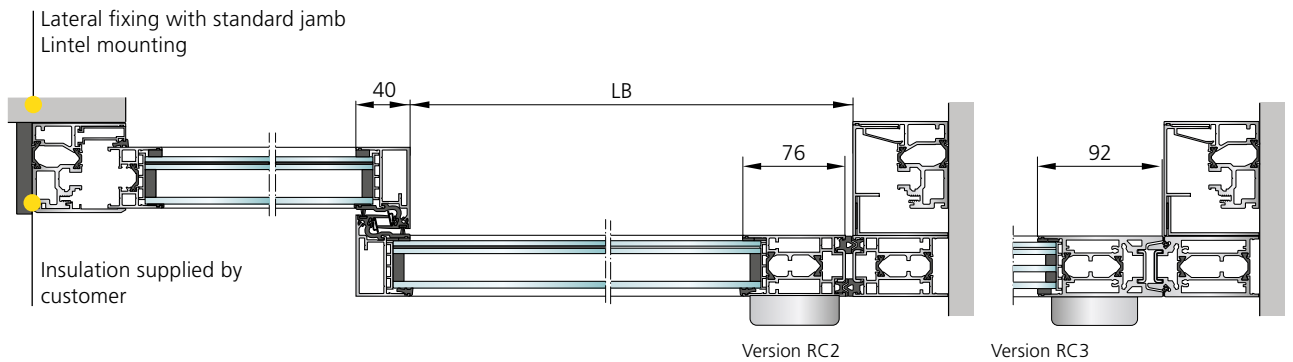


Door system with PST (thermally insulated) in RC2 and RC3

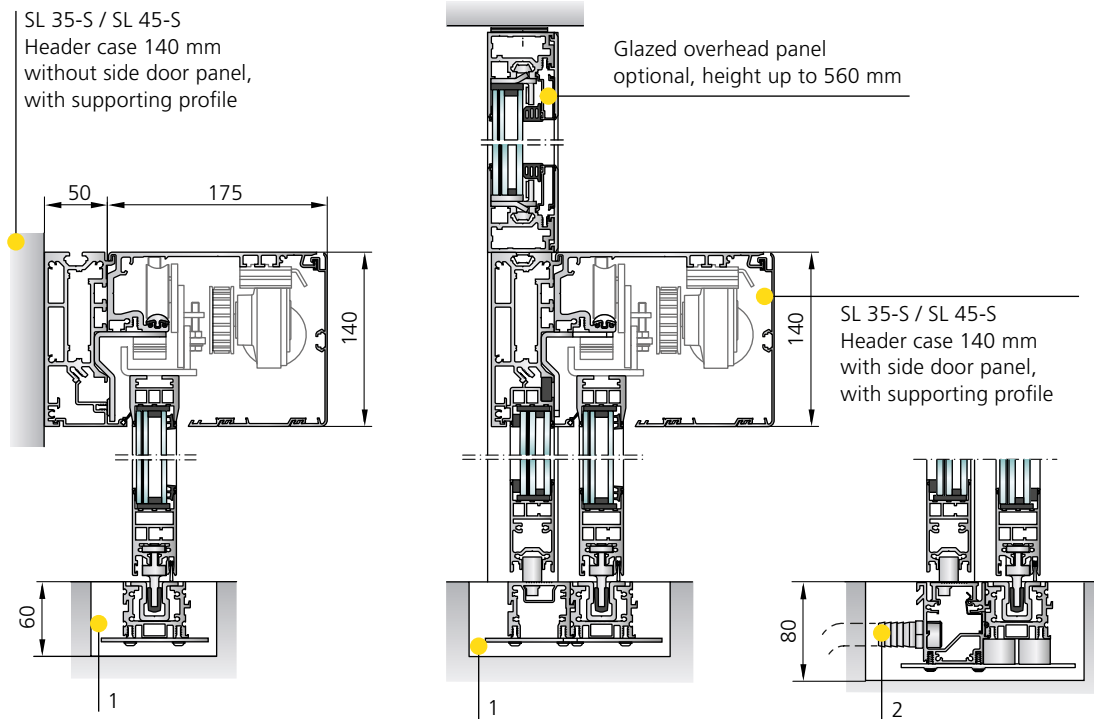
Bi-parting door system with side panels



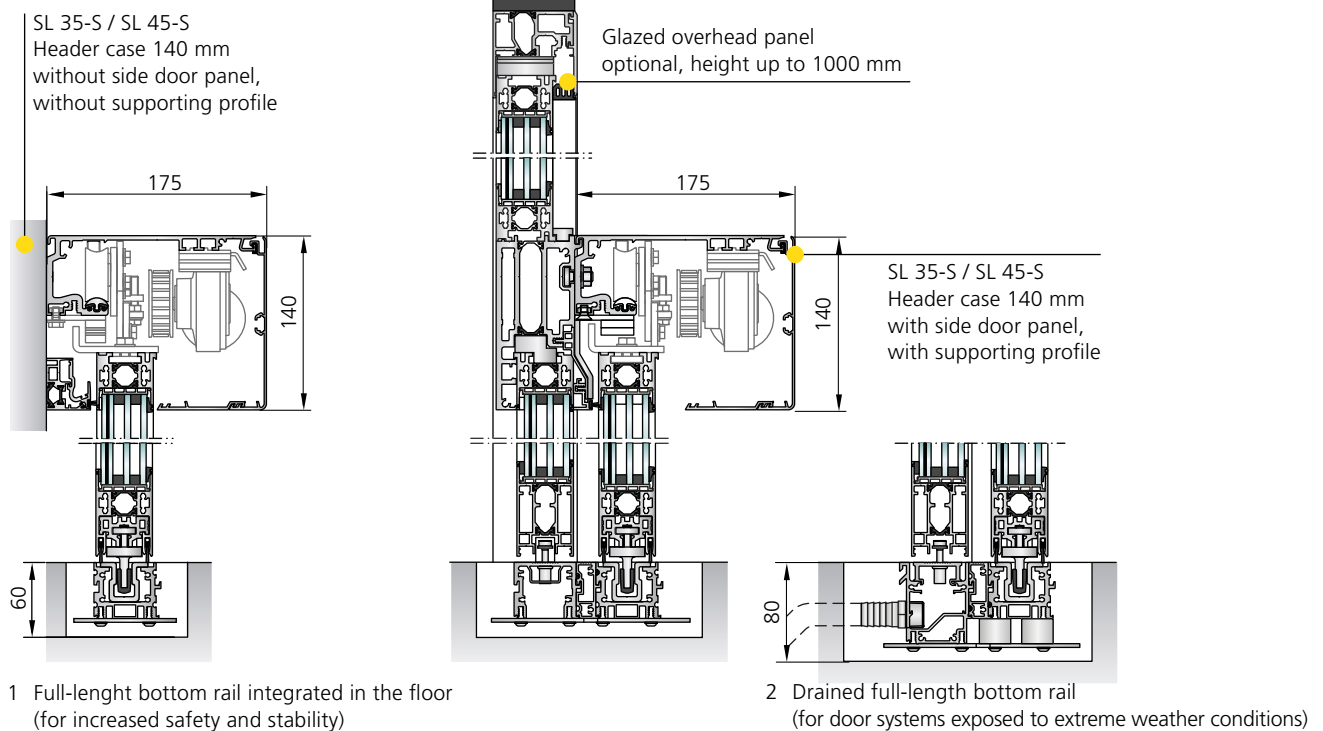
Single-leaf door system with side panel



Door system with PSXP in RC2 and RC3

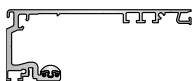


Door system with PST in RC2 and RC3

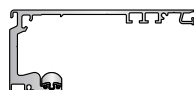


Track profiles

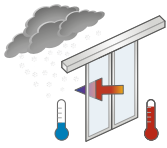
SL 35-S



SL 45-S



Tested for conformity with product standard EN 16361



Heat-transfer coefficient*
PSXP:
 U_d -value with double-glazed insulation:
 approx. 2 to 2.5 W/(m²K)

PST:
 U_d -value with double-glazed insulation:
 approx. 1.4 to 1.8 W/(m²K)
 U_d -value with triple-glazed insulation:
 approx. 1.1 to 1.6 W/(m²K)



Watertightness*
PSXP: 5 A
PST: 5 A



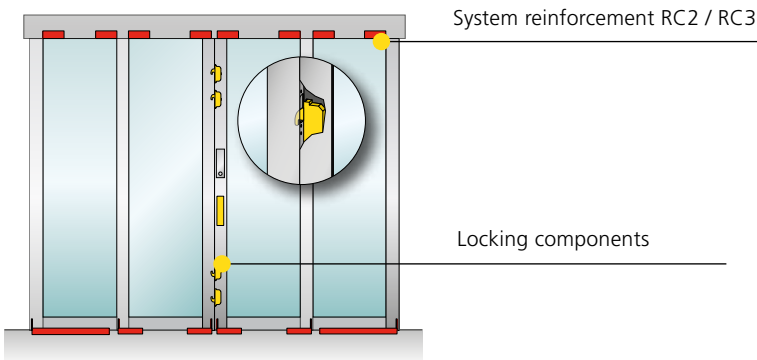
Air permeability*
PSXP: PPD 2
PST: PPD 2



Wind resistance*
PSXP:
 • PPD 600 B
 • PPD 400 C
PST:
 • PPD 800 A
 • PPD 800 B
 • PPD 700 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 rail

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



Details of PST (thermally insulated) in RC2 and RC3

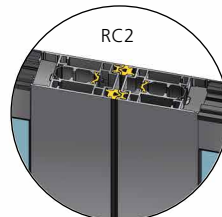
Triple glazing
 34 to 37 mm thick



Double glazing
 34 to 37 mm thick



Central sealing
 thermally insulated profiles



Vertical interlocking
 incl. thermal insulation



Drained bottom guide rail

