

# GILGEN SLX-M SLIDING DOOR DRIVE UNIT COMBINED WITH PST PROFILE SYSTEM



## Thermally insulated slimline profile Highly resistant to any weather conditions!

### The perfect external door

The Gilgen SLX-M sliding-door drive unit is a universally applicable drive system with the very latest functions. It is designed to offer guaranteed, reliable functioning in a wide range of highly-demanding applications. It also offers elegant goods looks, with its sensor components housed in the drive case.

The Gilgen <green wings> PST profile system is the new name for a high-performance thermal barrier with a slimline visible width. Heating and air-conditioning costs are drastically reduced, which translates into the system's rapid return on investment. The range is completed with optional extras such as a drained bottom rail or automatic multi-point locking.

### Versatile usage and design

- The ideal combination for energy-saving, with many deployable variants
- Separates warm and cold areas
- Slimline looks
- Supports country specific initiatives to improve the energy efficiency and sustainability of buildings

### Configuration variants

- Single and bi-parting sliding doors
- With side panels
- With glazed overhead panel
- Escape route function
- Standard locking system built into drive mechanism
- FLUVERI multi-point locking manual/automatic (integrated into the door leaf)
- Full length bottom rail with or without drainage

- Fixed point guide
- Can be attached to the door lintel or wall

### Fully certified system (EN 16361)

- Thermal insulation / low U-value
- Low air permeability
- High resistance to driving rain
- High wind-load resistance

### Good practice and user safety

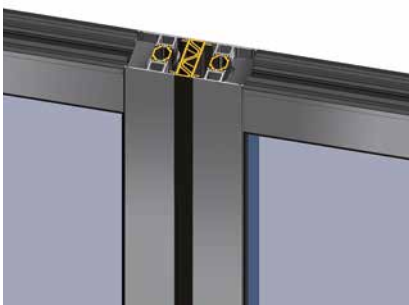
- TÜV approved and conforms to the relevant norms and standards (e.g. EN 16005)

### Glazing and infill thickness

- double glazing: 24 - 28 mm
- triple glazing: 31 - 38 mm

### Surface finish of aluminium profiles

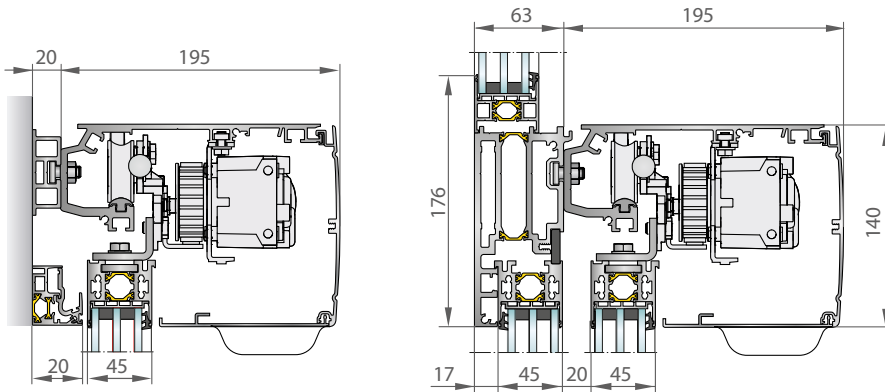
- Anodised (natural and coloured)
- Powder coated in any RAL colour finish



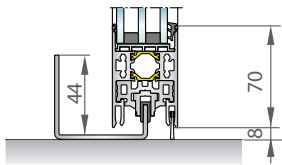
Gilgen's PST profile is the best solution for external doors. It is an excellent combination of high energy efficiency and elegant slimline profile.



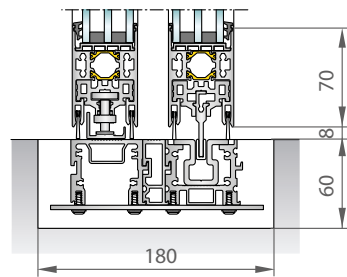
**Thermally insulated slimline profile**  
**Highly resistant to any weather conditions**



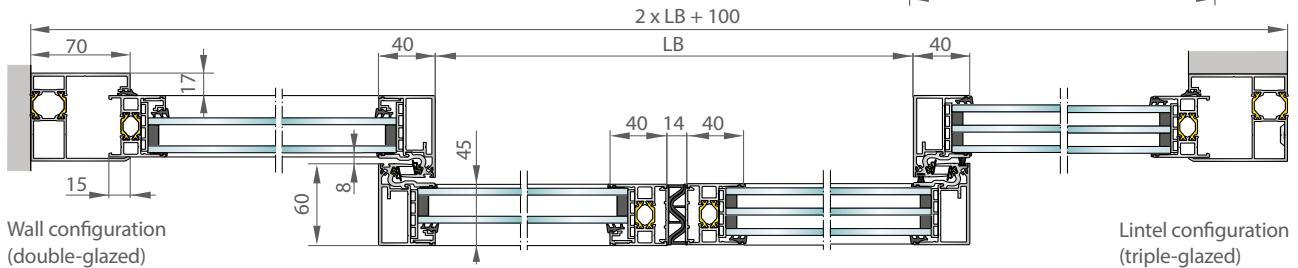
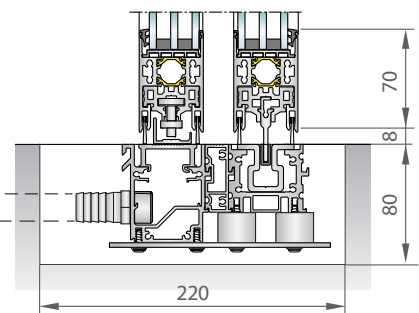
Fixed point guide



Bottom rail



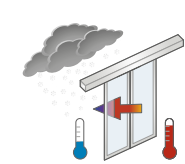
Bottom rail with drainage



Wall configuration (double-glazed)

Lintel configuration (triple-glazed)

**Entire system tested in accordance with product standard EN16361**



**Heat transfer \***  
 $U_d$  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 variant:  
 Values for a bi-parting system of clear width LB 1600 mm and clear height LH 2200 mm, with fixed panel and bottom rail

**Range of application for Gilgen SLX-M with PST profile system**

	Bi-parting	Single door leaf
Clear opening width SLX-M (LB)	800 - 3000 mm	700 - 1500 mm
Clear opening width SLX-M Redundant ** (LB)	900 - 3000 mm	950 - 1500 mm
Max. door leaf weight	2 x 150 kg	150 kg
Clear height (LH)	up to 3000 mm	

\*\* Escape route