

Slimdrive SL NT  
GGS  
Slimdrive SL NT-FR  
GGS

EN Additional installation instructions

141629-01

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# 1 Symbols and illustrations

## Warning notices

Warning notices are used in these instructions to warn you of property damage and personal injury.

- ▶ Always read and observe these warning notices.
- ▶ Observe all the measures that are marked with the warning symbol and warning word.

| Warning symbol  | Warning word   | Meaning   |
|---|----------------|---|
|  | <b>CAUTION</b> | Danger to persons.<br>Failure to comply may result in minor injuries. |

## More symbols and illustrations

In order to illustrate proper operation, important information and technical information is highlighted.

| Symbol  | Meaning   |
|---|---|
|  | means "Important Information";<br>information to prevent property damage, to understand or optimise the operation sequences |
|  | means "Additional Information"  |
|  | Symbol for an action: There is something you must do here.<br>▶ Observe the order of multiple operational steps.            |

# 2 Product liability

In accordance with the liability of the manufacturer for his products as defined in the German "Product Liability Act", the information contained in this brochure (product information and proper use, misuse, product performance, product maintenance, obligations to provide information and instructions) is to be observed. Failure to comply releases the manufacturer from his statutory liability.

# 3 Safety notices

## 3.1 Intended use

- The Slimdrive SL NT GGS and Slimdrive SL NT-FR GGS is only suitable for use
  - in dry rooms
  - in automatic door systems for horizontally moving door leaves
  - in entrances and interior areas of pedestrian traffic in commercial plants and public areas.
- The Slimdrive SL NT GGS and the Slimdrive SL NT-FR GGS may not be used as a fire or smoke protection door.
- The Slimdrive SL NT-FR GGS is approved for use in escape and rescue routes.
- The Slimdrive SL NT GGS may not be used as an escape and rescue path door.

## 3.2 Safety notices

- The mandatory installation, maintenance and repair work must be performed by properly trained personnel authorised by GEZE.
- The country-specific laws and regulations are to be observed during safety-related tests.
- GEZE shall not be liable for injuries or damage resulting from unauthorised modification of the system, and the approval for use in escape and rescue routes is voided when unauthorised changes are made (Slimdrive SL NT-FR GGS).
- GEZE makes no guarantee for combinations with third-party products.
- Furthermore, only original GEZE parts may be used for repair and maintenance work.
- The connection to the power supply must be made by a professional electrician. Perform the power connection and equipment earth conductor test in accordance with VDE 0100 Part 610.
- Use an on-site 10-A overload cut-out as the line-side disconnecting device.
- Protect the display programme switch against unauthorised access.
- The detection field of the movement detector in the direction of emergency exit must comply with the AutSchR directive (for Slimdrive SL NT-FR GGS).
- In compliance with Machinery Directive 2006/42/EC, a risk analysis must be performed and the door system identified in accordance with CE Marking Directive 93/68/EEC before the door system is commissioned.

- Observe the latest versions of directives, standards and country-specific regulations, in particular:
  - VDE 0100, Part 610 "Installing Electrical Power Systems with Nominal Voltages up to 1000 V"
  - AutSchR "Directive for automatic windows, doors and gates" (for Slimdrive SL NT-FR GGS)
  - Accident-prevention regulations, especially BGV A1 "Principles of prevention" and DGUV provision 3 DA "Implementation instructions for the accident prevention regulations for electrical systems and equipment"
  - DIN EN 60335-2-103 "Safety of electrical devices for home use and similar purposes; special requirements for drives, for gates, doors and windows"

### 3.3 Safety-conscious working

- Secure workplace against unauthorised entry.
- Watch swivelling range of long system parts.
- Never carry out work with a high safety risk (e.g. installing the drive, cover or door leaf) while alone.
- Secure the hood/drive panels against falling.
- Use only the cables prescribed in the cable plan provided. Ground the shields in compliance with the wiring diagram.
- Secure loose, internal drive cables with cable ties.
- Before working on the electrical system:
  - disconnect the drive from the 230 V mains and check to ensure that it is not supplied with power.
  - disconnect the control unit from the 24-V rechargeable battery.
  - note that if an uninterruptible power supply (UPS) is used, the system will still be supplied with power despite the fact that the power supply is disconnected.
- Always use insulated wire-end ferrules for wire cores.
- Attach safety stickers to glass leaves (Mat. no. 081476).
- Danger of injury with opened drive. Hair, clothing, cables, etc. can be drawn in by rotating parts.
- Danger of injury caused by unsecured crushing, impact, drawing-in or shearing spots!
- Danger of injury due to broken glass!
- Danger of injury due to sharp edges in the drive!
- Danger of injury during installation through freely moving parts!

### 3.4 Inspection of the installed system

Measures for safeguarding and prevention of pinching, impact, shearing or drawing-in spots:

- Check the functioning of safety sensors and movement detectors.
- The detection field of the movement detector in the direction of the emergency exit must cover the opening width x 1.5 m in front of the door.
- The movement detector in the direction of the emergency exit (see AutSchR) must detect people moving faster than 0.1 m/s.
- Check protective earth connection to all metal parts that can be touched.

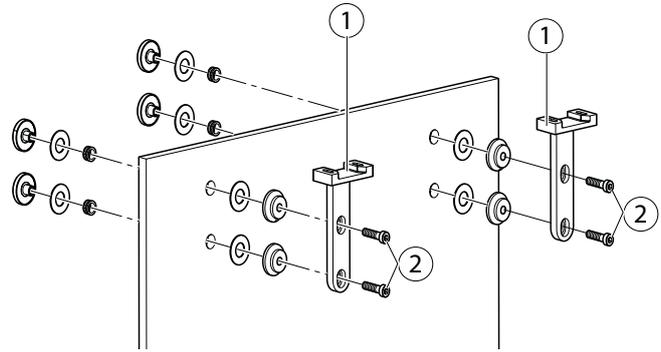
### 3.5 Environmentally conscious working

- When disposing of the door system, separate the different materials and have them recycled.
- Do not dispose of batteries and storage cells with household waste.
- Comply with the statutory regulations when disposing of the door system and the batteries and storage cells.

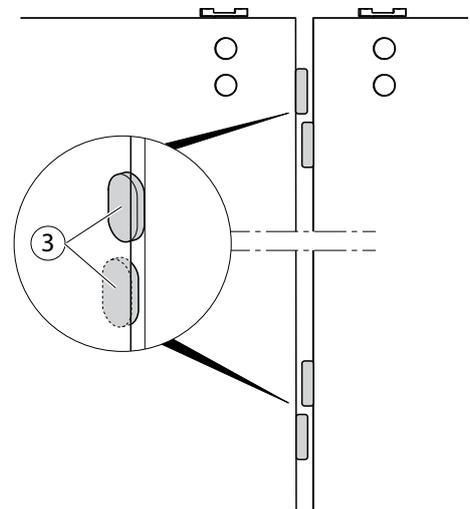
## 4 Installation

### 4.1 Mounting the moving leaf

- ▶ Mount the leaf suspensions (1).
- ▶ Tighten the screws (2) with 11–13 Nm.

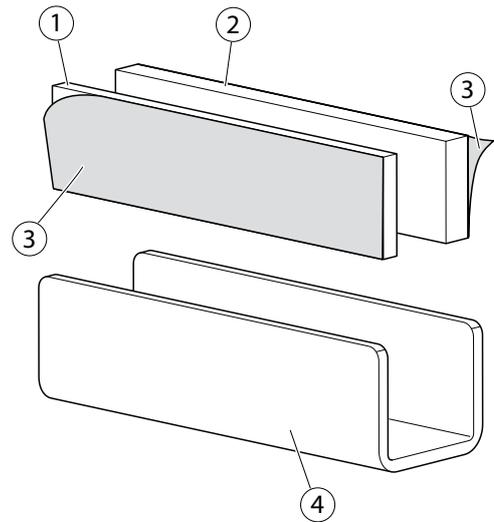


- ▶ Glue the transparent bumpers (3) to the top and bottom of the moving leaves.



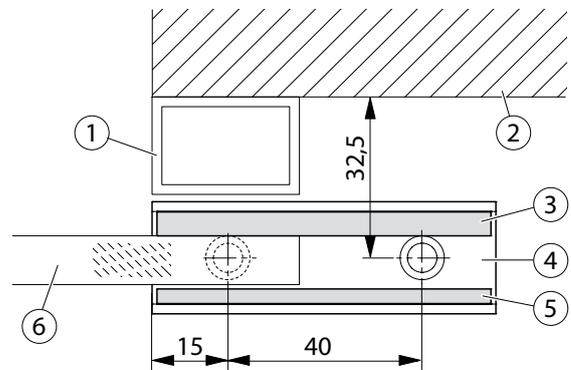
## 4.2 Install the floor guide (version with no side part)

- !** ▶ Ensure that the bonding surface in the floor guide (4) is clean and free of grease.
- ▶ Remove the foil (3) from the felt (1) and (2).
- ▶ Adhere felt (1) and (2) to the floor guide (4).

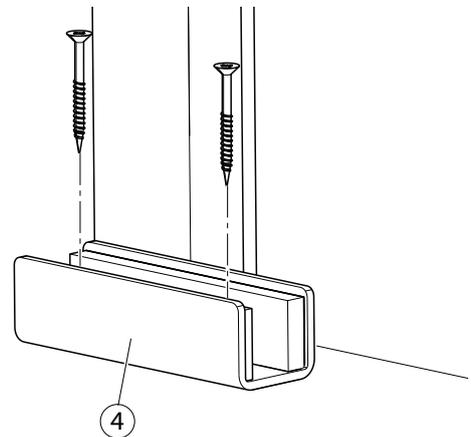


- !** ▶ When installing the floor guide (4), ensure that the thicker felt (3) is facing the wall (2) and that the thinner felt (5) is adhered to the side facing away from the wall.

- 1 skirting board
- 2 wall
- 3 thick felt
- 4 floor guide
- 5 thin felt
- 6 moving leaf



- ▶ Screw tight the floor guide (4) using the fixing method indicated.

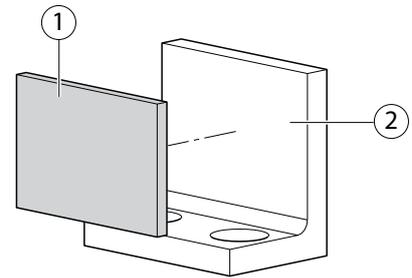


## 4.3 Install the floor guide and side parts

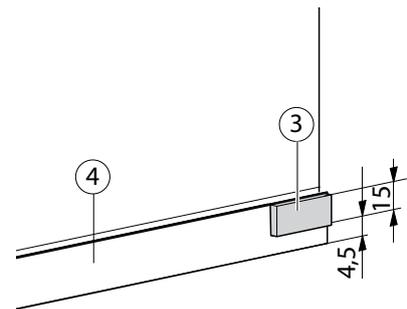
### 4.3.1 Mounting the floor guide

! ▶ Ensure that the bonding surface is clean and free of grease.

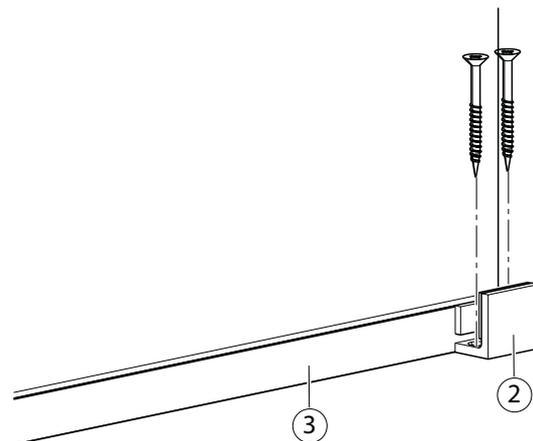
▶ Glue the felt (1) to the floor guide bracket (2).



▶ Reduce the felt (3) to 15 mm.  
▶ Glue the felt (3) to the end of the side part rail (4) 4.5 mm above the floor.



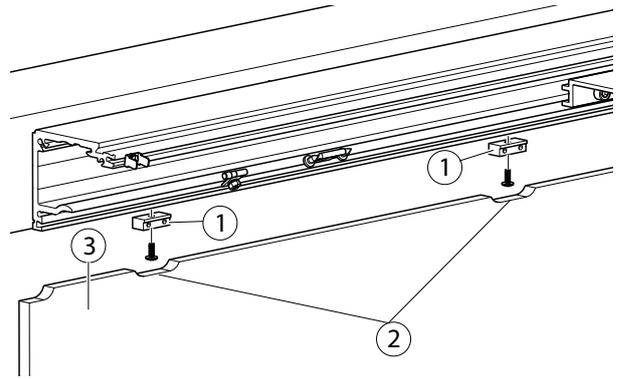
▶ Position the floor guide bracket (2) onto the side part rail (3) and tighten it.



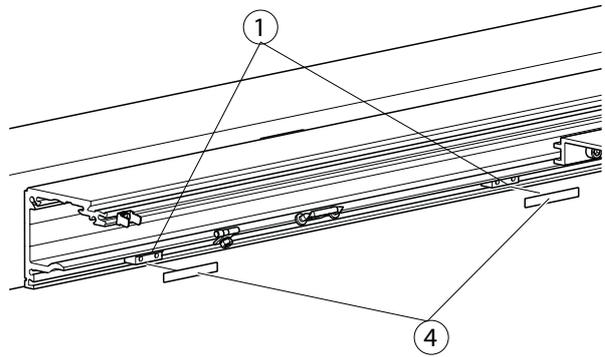
### 4.3.2 Mounting side parts

#### Preparation

- ▶ Screw the side part blocks (1) over the recesses (2) of the side part (3) onto the track.



- ▶ Glue the self-adhesive rubber strips (4) onto the track under the side part blocks (1).



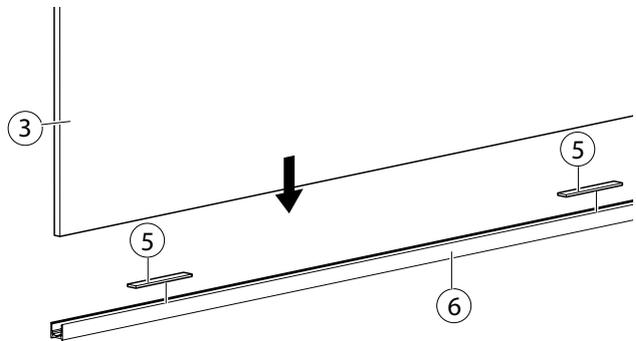
#### Mounting the side part



#### CAUTION!

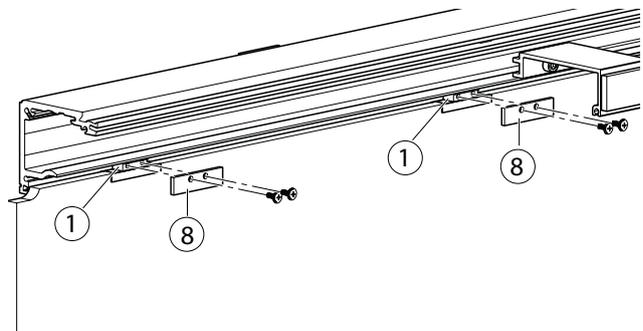
**Danger of injury by side part falling over!**

- ▶ Secure the side part (3) against falling over.
- ▶ Lay the glazing blocks (5) into the lower side part rail (6).
- ▶ Place the side part (3) onto the glazing blocks in the lower side part rail (6).

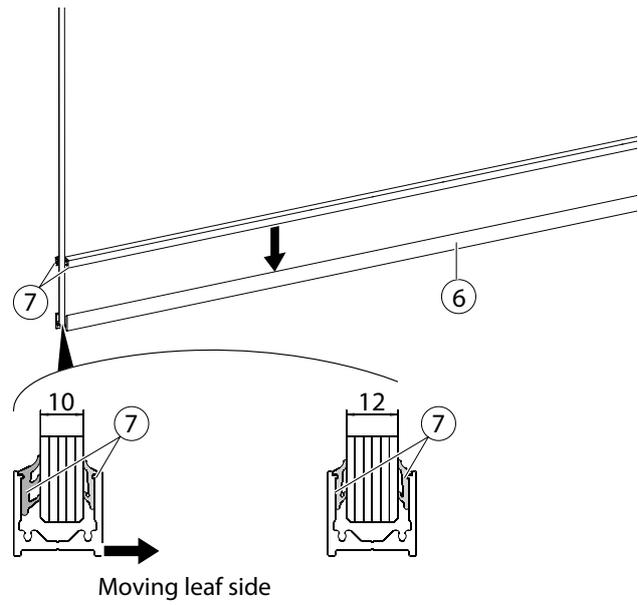


- ▶ Screw the side part plates (8) onto the side part blocks (1).

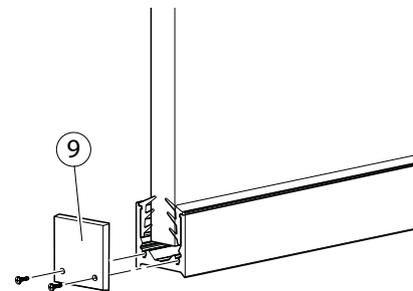
The side parts are clamped tight.



- ▶ Slide 2 glazing gaskets (7) between the side part rail (6) and the side part.



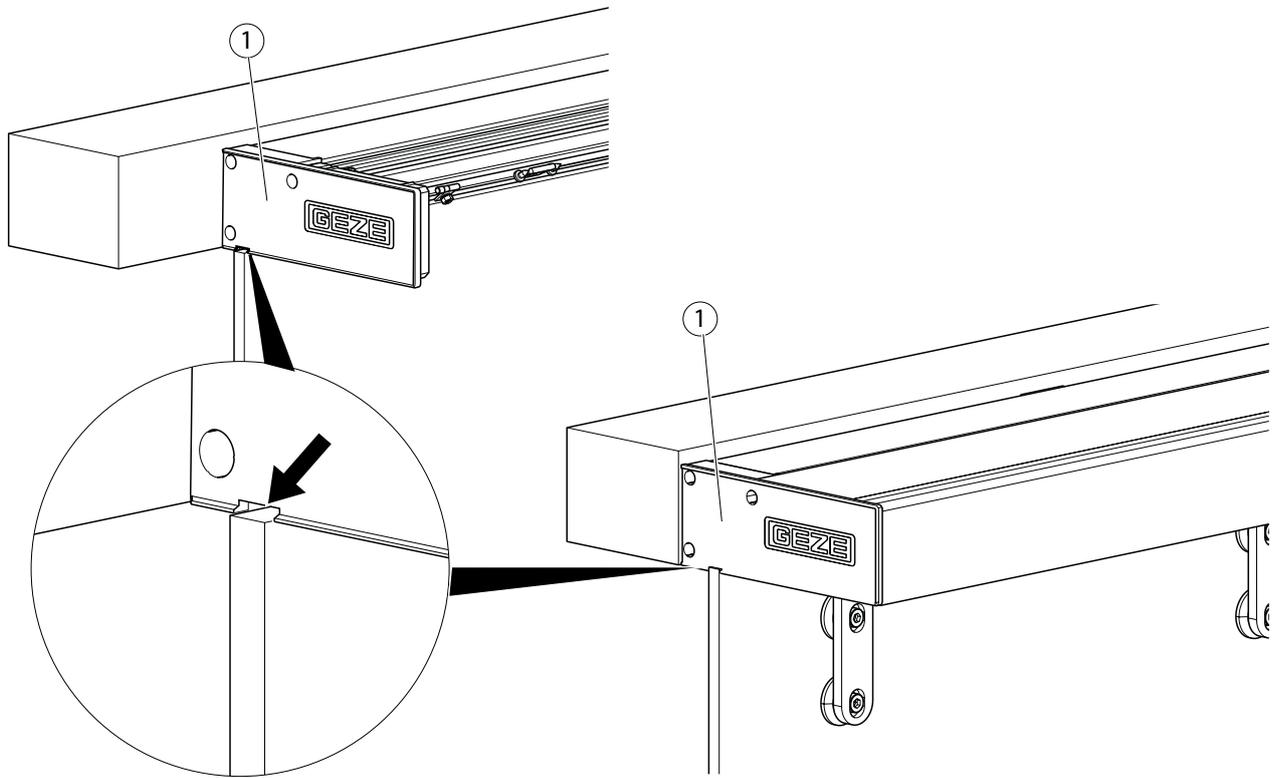
- ▶ Screw the cover caps (9) onto the side part rails.



### 4.3.3 Making a recess in the side plates

**i** ▶ Carry out the work on site to ensure a good optical impression.

▶ If necessary, make recesses in the side panels (1) for the side parts and/or moving leaves (see arrow).





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