

SLIDING DOOR: INSTALLATION INSTRUCTION

SYSTEM AIR-B S34

Version 1.3 (2019-02-26)

1.02.2.c

Installation  easy medium difficult

Subject to technical changes.

raumplus[®]

CONTENT AND TOOLS

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TOOLS:

(without claim of completeness)

- Hack saw
- Allen key set
- 2x open-ended spanner (10 mm)
- Drilling machine
- Drill set metall / stone
- Screwdriver set
- Pencil
- Water level
- (Wire cutting pliers)



VERSION INFORMATION:








- Version 1.0: Redesign of manual and product information added
- " 1.1: Middle insert profile for system air (optionally) added
- " 1.2: Added a instuction for the stoppoint
- " 1.3: Added overlapping

PRODUCT INFORMATION

GENERAL INFORMATION: Preparation

- This manual is part of the product and describes the safe and proper installation of the system. Please read the instructions carefully before installation
- Please note that the assembly should only be done by qualified and trained staff in strict compliance with all details indicated in this document.
Improper installation in variation from manufacturer's specification may cause defects and danger, thus endangering the safe fixing of the product as well as the safety of the prospective user. The liability of the manufacturer shall be excluded in case of defects and consequential damages resulting from incorrect assembly of this product.
- Please check the completeness of the delivered parts and check carefully if any transport damages are visible.
- If any parts are damaged or lost, please immediately contact the responsible supplier.
- It is assumed that you have exactly identified all cutting dimensions according to the measurement instruction for **raumplus** products.

SYMBOLS:

Symbol	Importance
	Risk or danger!
	Advice and information
	Additional information / other documents
	Directional data / direction of movement
	„yes“ and „right“
	„no“ and „wrong“
	Follow the order

SYSTEM:

System Information: AIR-B S34

- max. weight of element = **60 kg**
- min./max. door height = **700 mm / 2750 mm (3500 mm only S 800)**
- min./max. door width = **500 mm / 1200 mm**

PRODUCT INFORMATION

GENERAL INFORMATION: **Product safety**

- The door system complies with the prior of the art and the authorized safety rules at the time of delivery.

USE:

Intended use

- The prerequisite for the intended use of our products is the professional installation according to our installation instruction. Sufficient fittings must be available and durably installed to all relevant places.
The function of the fittings must not be hindered or altered during installation.
- Special solutions are only possible in consultation with **raumplus**.

Incorrect use

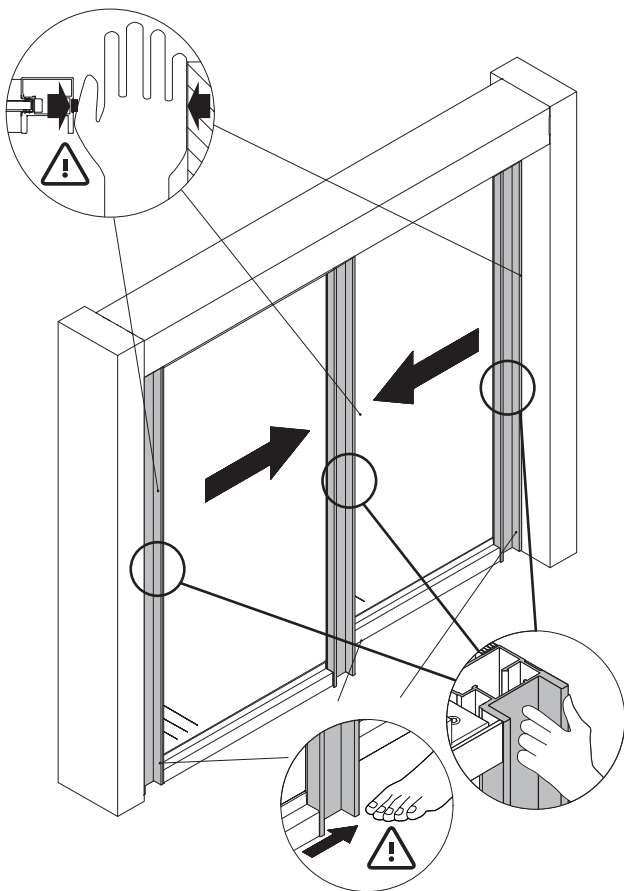
- Risk or danger may occur in the following cases:
 - the door system has improperly been installed or maintained
 - the safety and installation instructions have not been followed.
 - after improper installation or inadequate fixing (e.g. to parts of buildings)
 - the maximum weight of the doors has been exceeded.
 - improper shock and case loads or other additional loads on the fittings have occurred
 - the fittings have been used outside.
 - body parts or objects got into the closing edges or door runnings during use of the door wing.
 - the door system is not used as intended.

Structural modifications

- Structural modifications that are not offered as an accessory from **raumplus** may only be attached or installed with permission of **raumplus** GmbH!

MANUAL

This manual is part of the delivered product and describes the safe and proper use.



Designated use:

The product is designed and manufactured for indoor use.

The product was designed as a hand-guided sliding door that is usually not being moved faster than walking speed and should be stopped manually when reaching the end position. The doors are guided on top and bottom track.

Any other use that deviates from the specific proper use is not according to the **raumplus** regulations.

Manual:

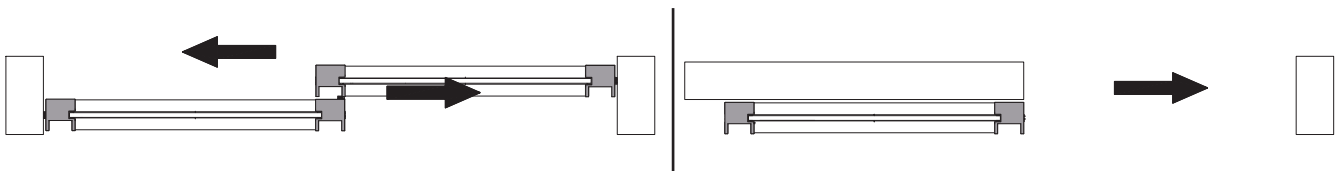
Open the door by using the handle profile or the handle (optional).

Guide the door slowly to the ...
... opening / closing point, or
... activating point of the sliding door brake (optional).

Attention:

Preserve your hands from getting trapped during the movement of the door. When closing or opening the door never take hold of the profile, only use the handle profile or the handle.

Use the door as instructed.



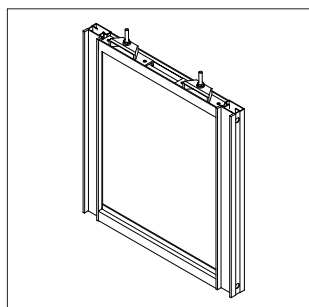
Safety Information:

The product complies with the prior of the art and the approved safety rules at the time of delivery.

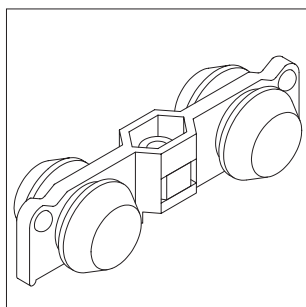
- Pay attention to child safety.
- No additional load to the doors.
- Structural changes, additions or modifications can only be carried out by a distributor.
- In case of malfunctions or irregularities: shut down the system and contact your dealer.
- ⚠ For Installation without wall connection: use of top / bottom stopper is obligatory 📄!

As defined in the „Law of Liability for Products“ (§4 Prod-HaftG), for the liability of the manufacturer, for his products, the above information has to be regarded. The disregard of this manual, releases the manufacturer from his liability.

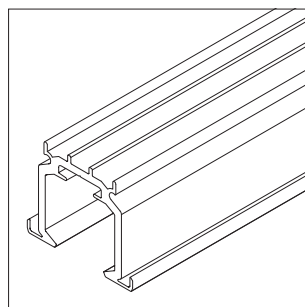
ACCESSORIES



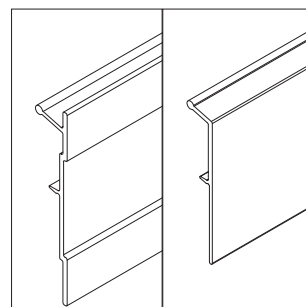
1_



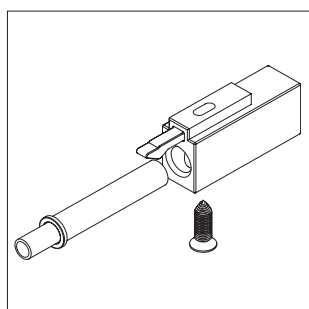
2_ 10.06.200



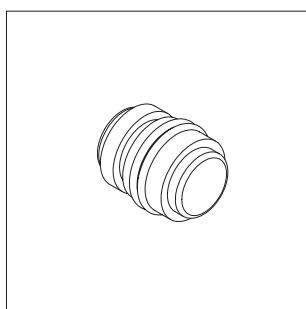
3_ 17.55.020



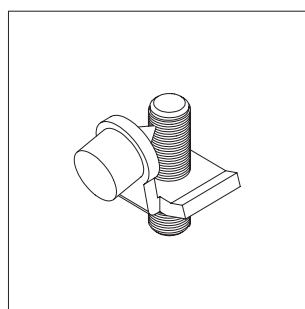
4_ 14.50.0xx / 14.53.0xx



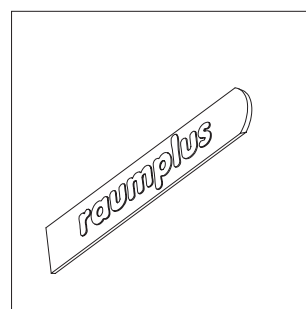
5_ 10.05.017



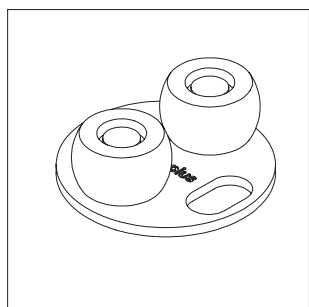
6_ 10.05.030



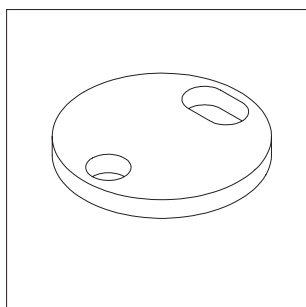
7_ 10.05.060



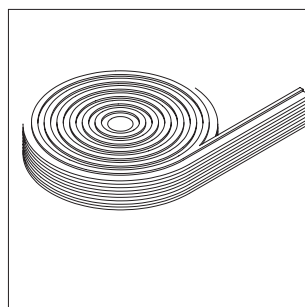
8_ 10.07.05x



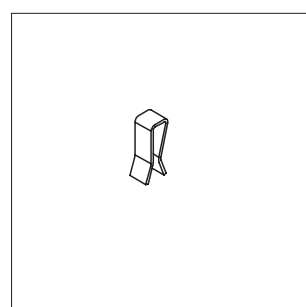
9_ 10.06.034



10_ 10.06.035



11_ 10.07.020



12_ 10.01.039

1_ Sliding door AIR S34

2_ Top roller AIR

3_ Top track insert S34 AIR

4_ Cover profile 60 mm / middle insert profile f. air

5_ Stopper for top roller AIR

6_ Brake for top roller AIR

7_ Stopper for top track AIR

8_ Plug for punching hole

9_ Ground plate with rollers S34 AIR

10_ Ground plate AIR S34

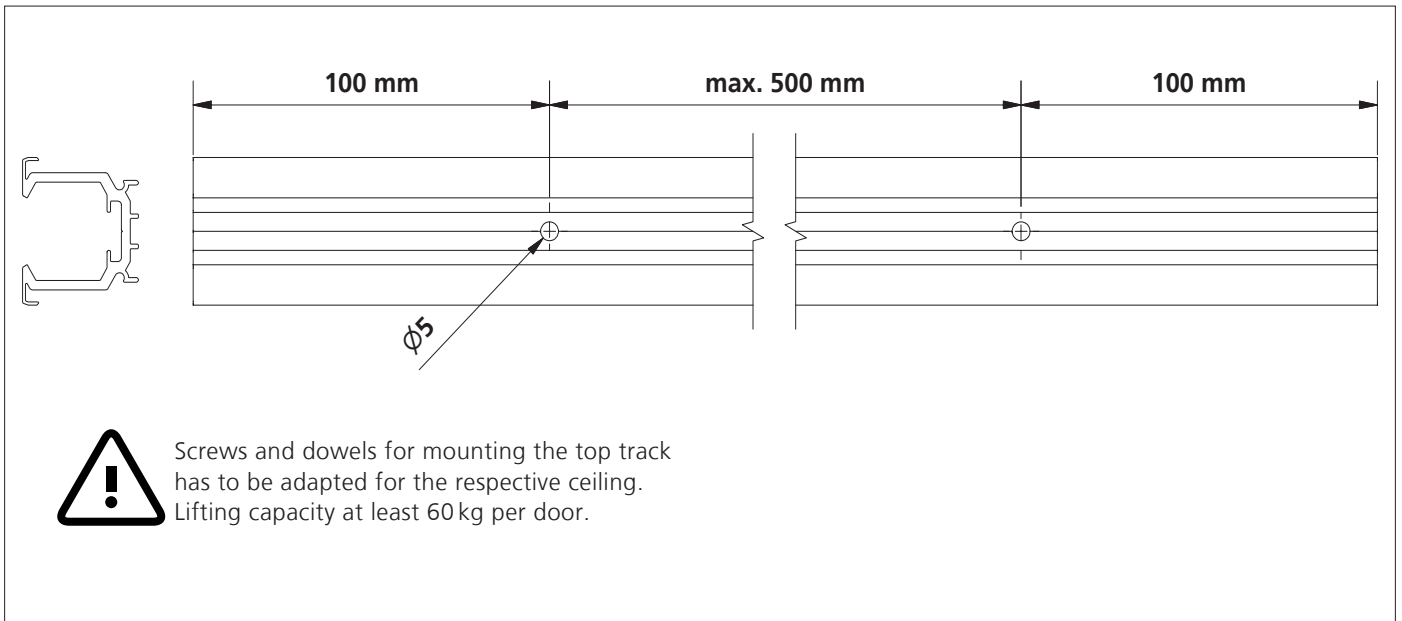
11_ Dust excluding brush

12_ Bracket for dust excluding

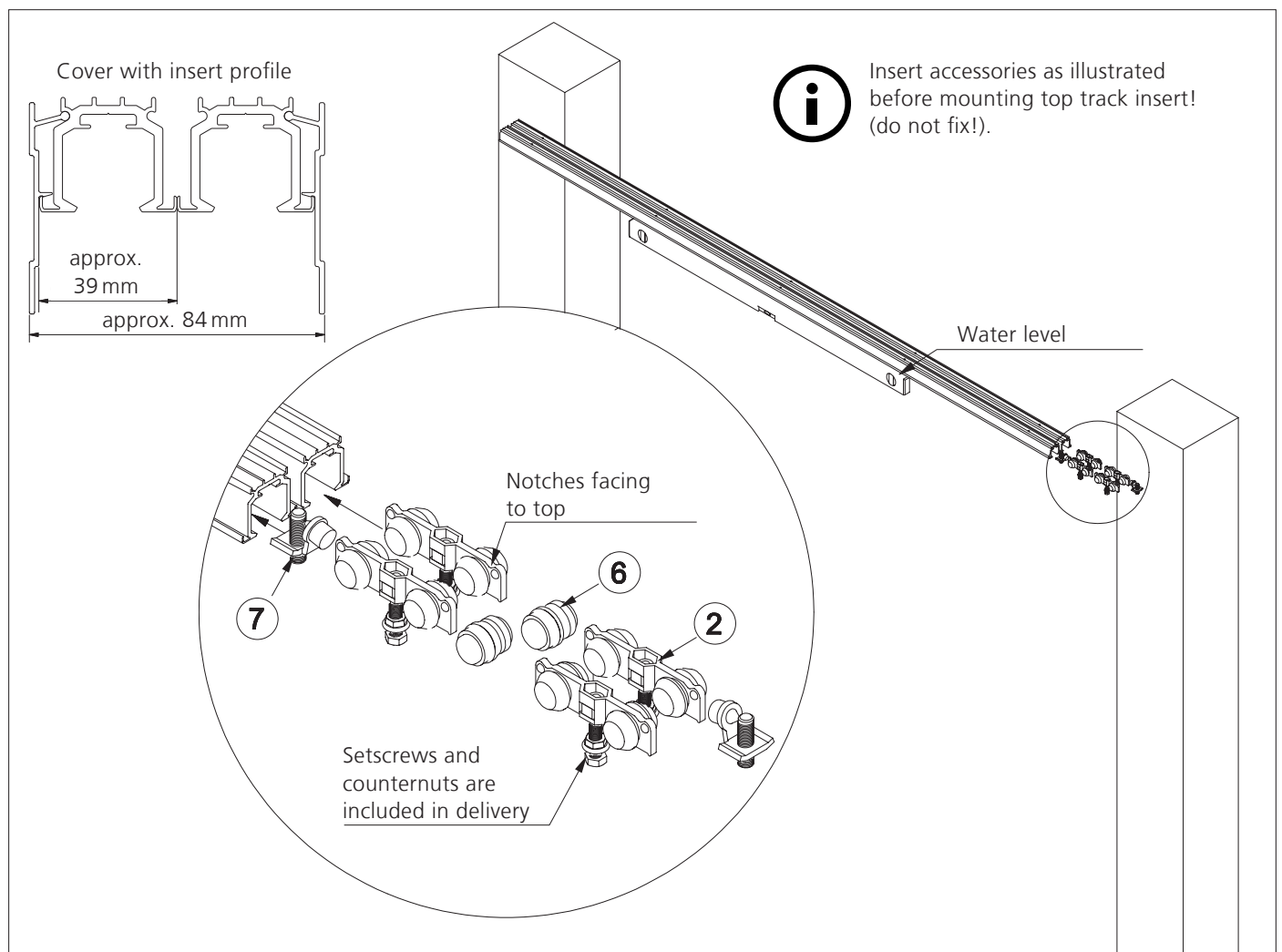


More accessories for mounting in front of the wall:
page 15

INSTALLATION INSTRUCTION



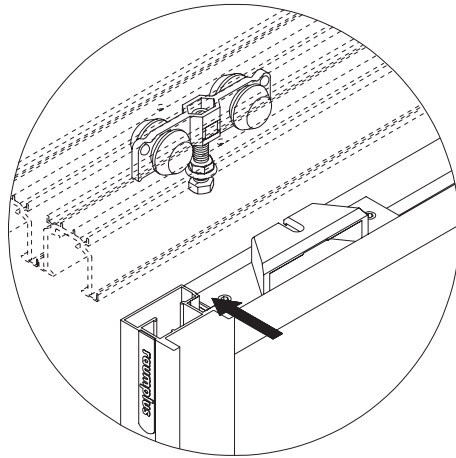
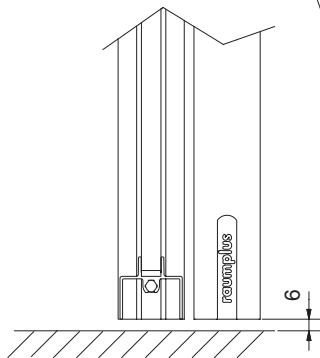
1_ Cut cover for top track insert, middle insert profile and top track insert to size, drill holes in top track insert.



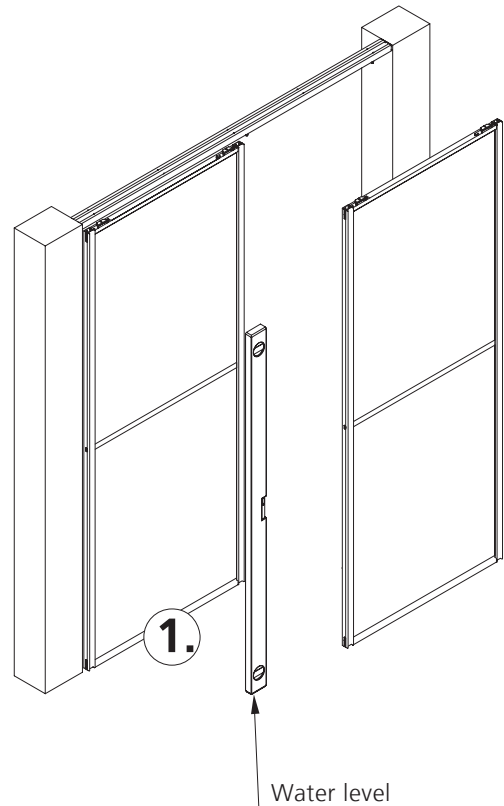
2_ Drill holes in ceiling/top of corpus and mount the rear top track insert horizontally.

INSTALLATION INSTRUCTION

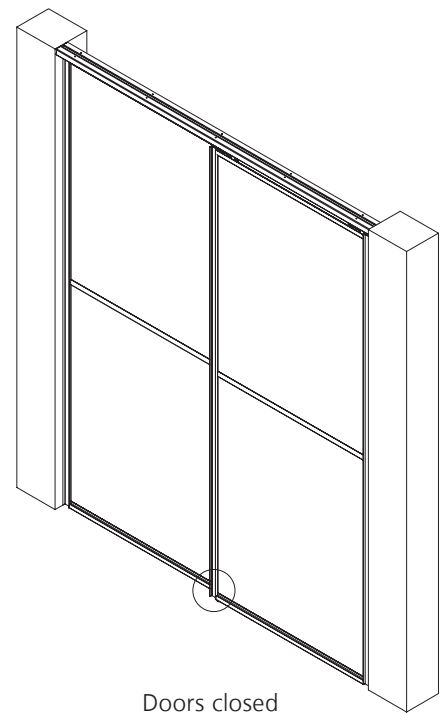
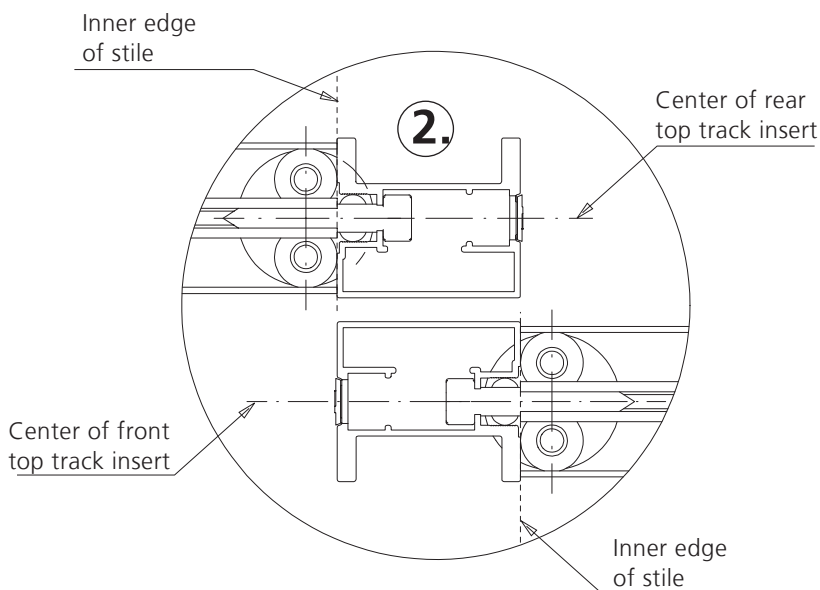
While adjusting the sliding door arrange for a distance of 6 mm between the bottom edge of the sliding door and floor!



1. Hinge the rear sliding door and adjust perpendicularly to the set screws (do not fix!).
2. Mount first ground plate for the hinge door (Fig. 4). Steps for the front sliding door repeat.

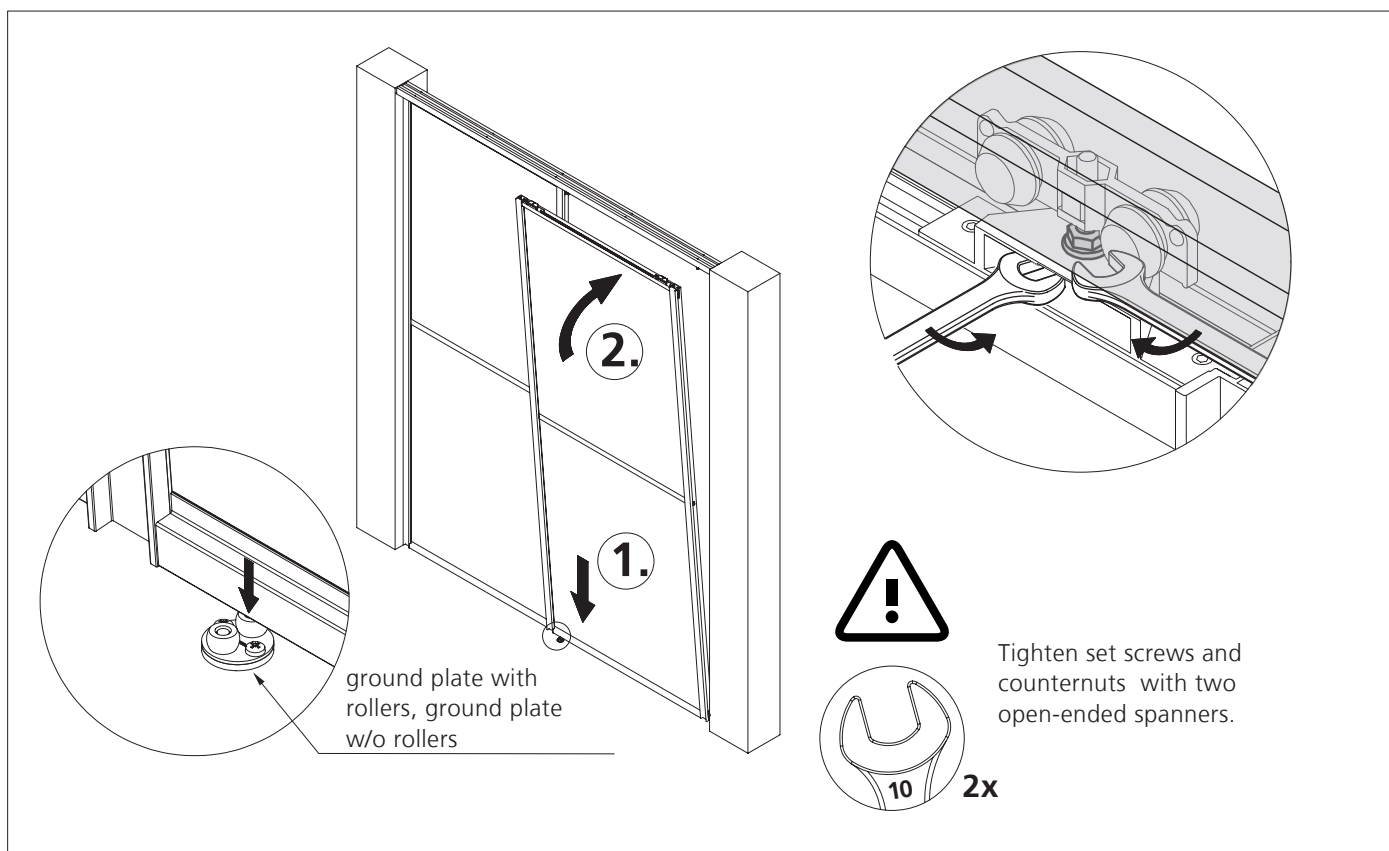


3_ Adjusting the sliding door / mounting ground plate.

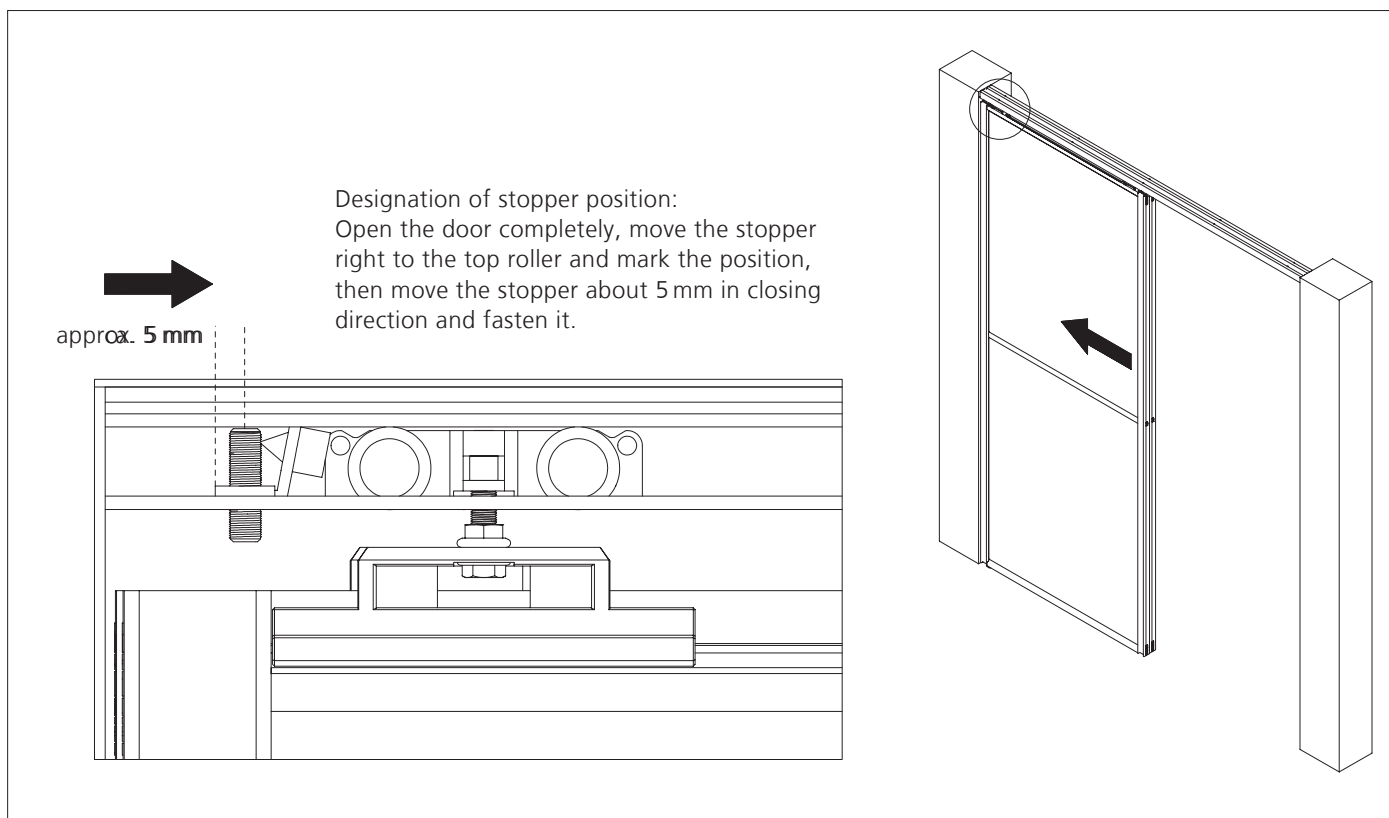


4_ Mark position of ground plate (masking tape / pencil), unhinge rear sliding door and mount ground plate.

INSTALLATION INSTRUCTION

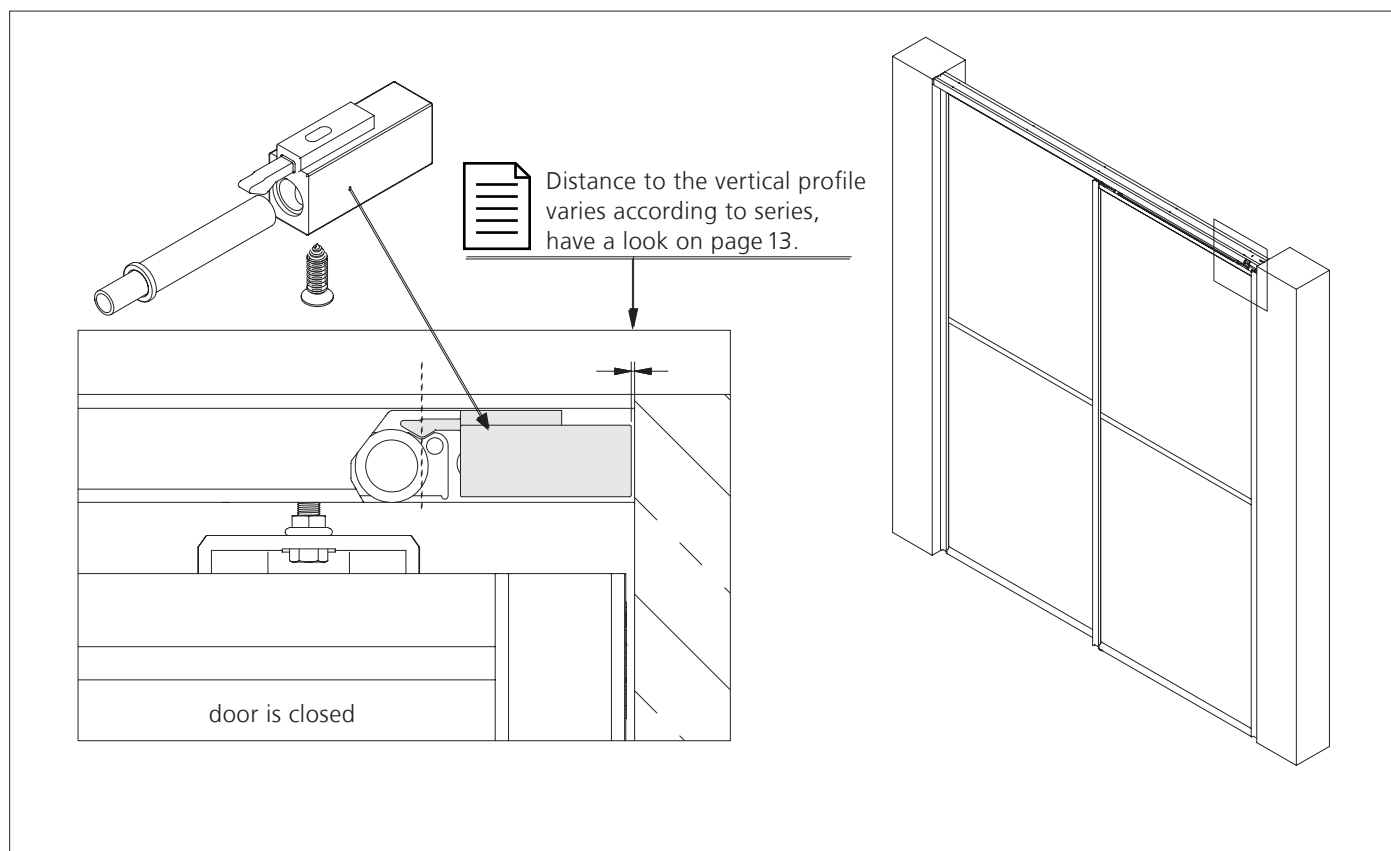


5_ Hinge sliding door, then tighten the counter nuts on the pick-up elements.

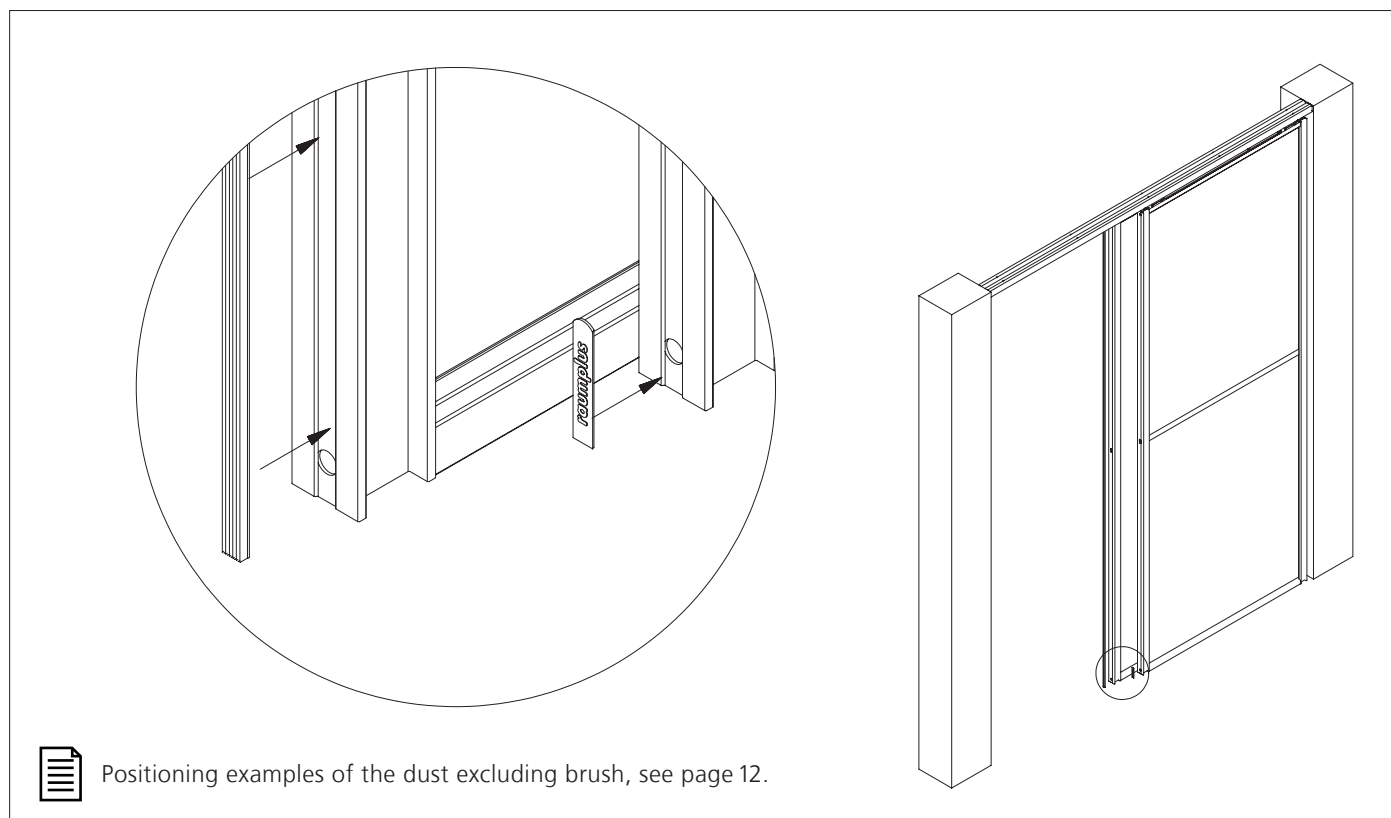


6_ Mount stopper without door brake in both top tracks inserts at open positions.

INSTALLATION INSTRUCTION

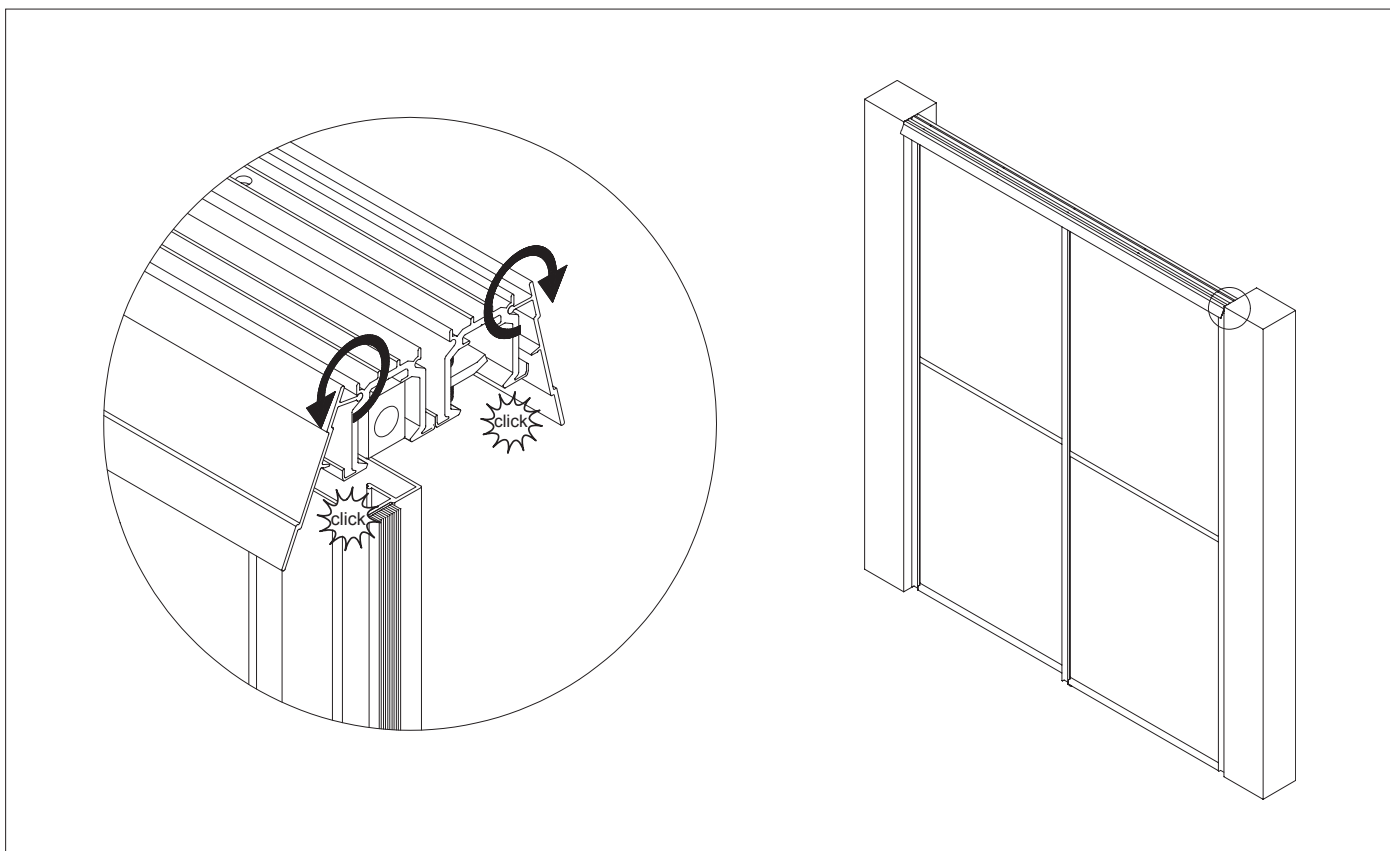


7_ Mount stopper for top roller AIR in both top track inserts at closing positions.

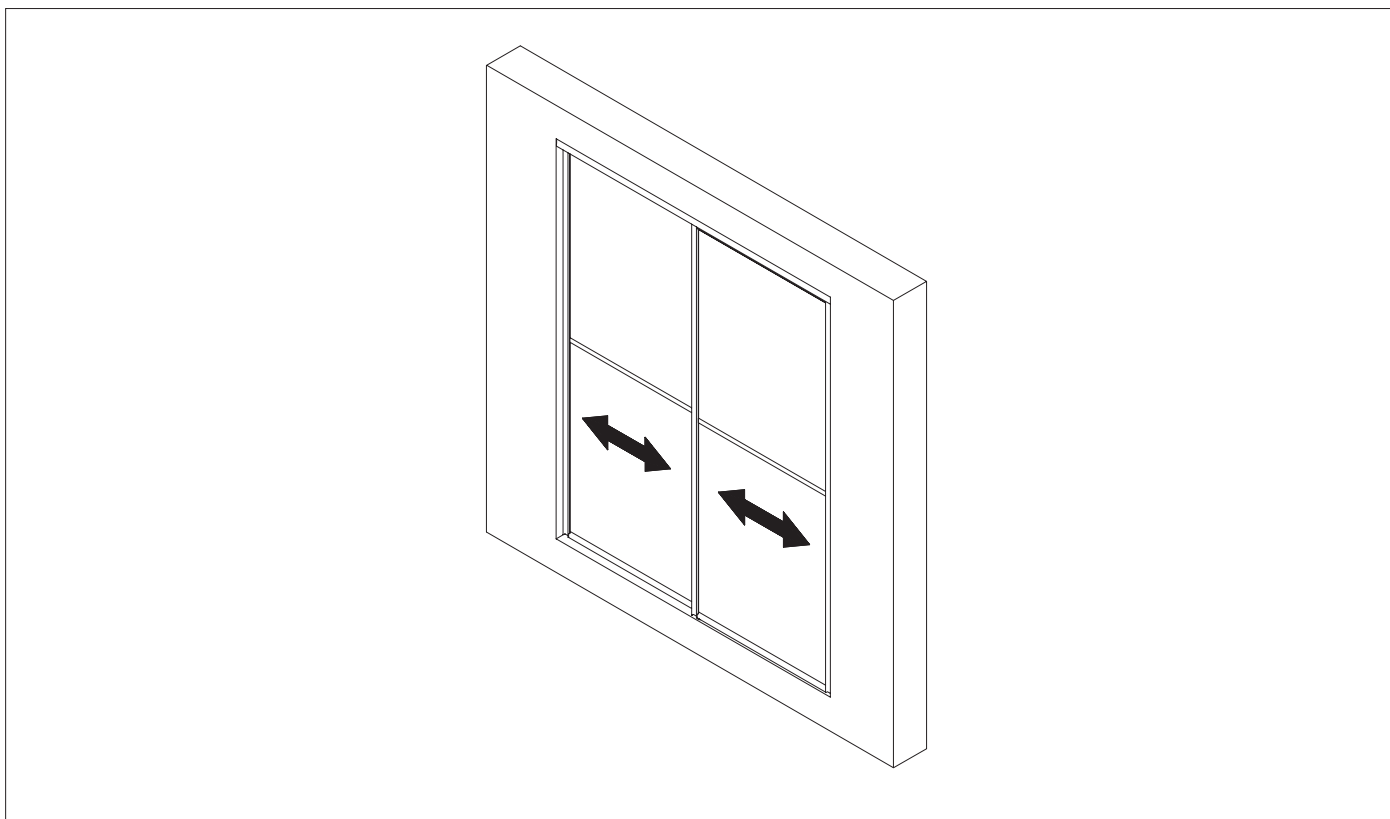


8_ Stick on dust excluding brushes and plugs for punching holes.

INSTALLATION INSTRUCTION



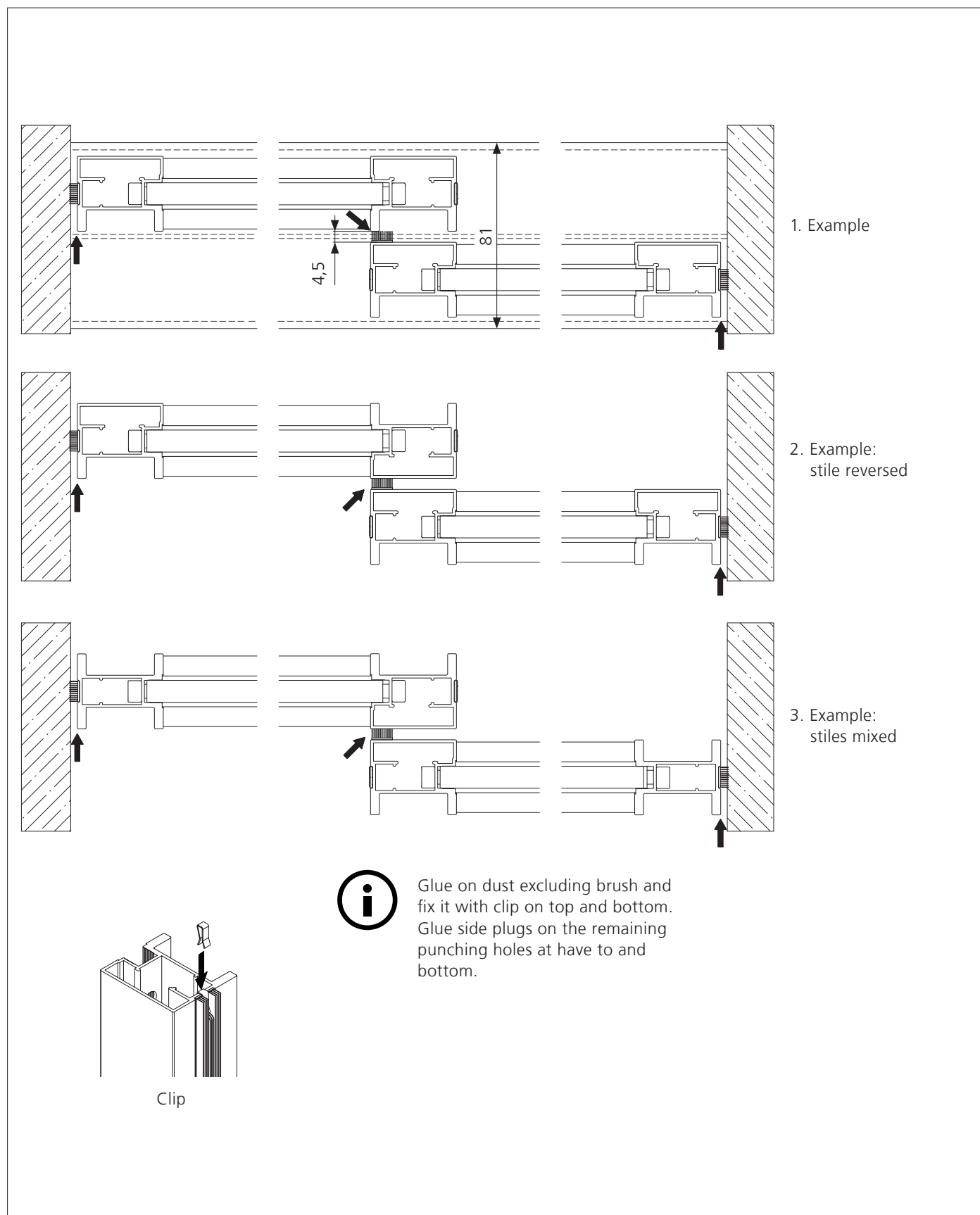
9_ Apply covers for top track insert on front and back.



10_ Test the function.

INSTALLATION INSTRUCTION

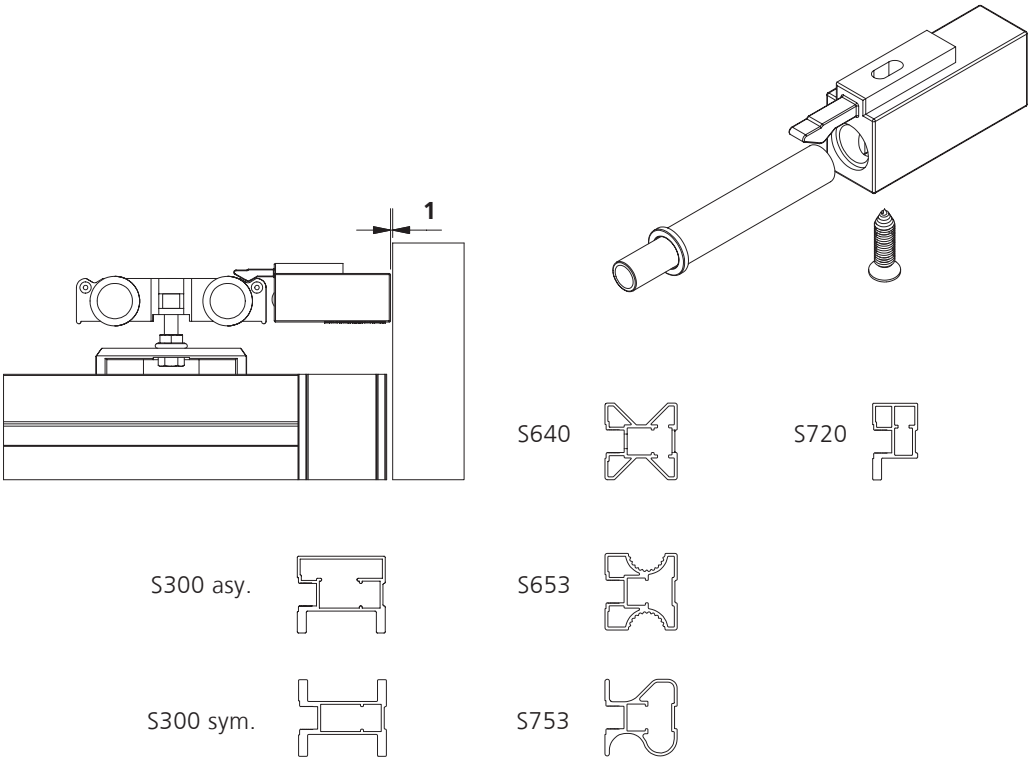
POSITIONING OF THE DUST EXCLUDING BRUSH



11_ Positions of dust excluding brushes.

INSTALLATION INSTRUCTION

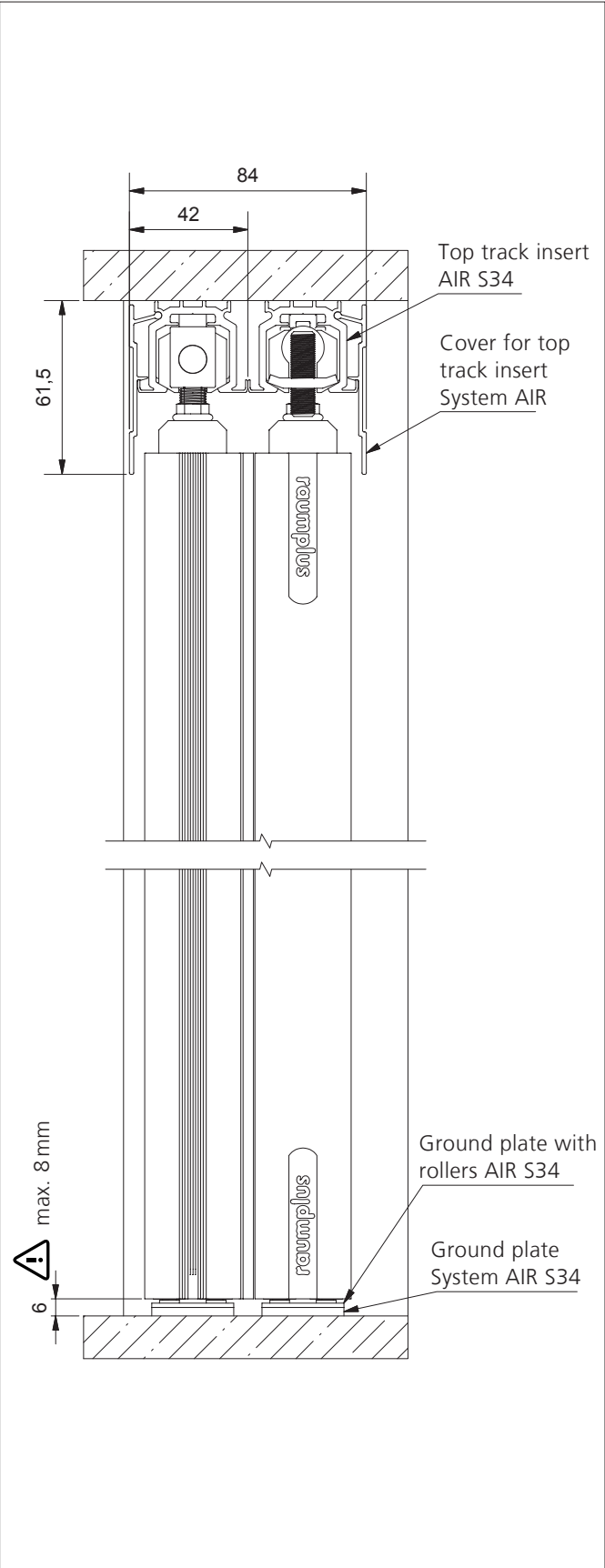
POSITIONING EXAMPLES OF THE STOPPERS



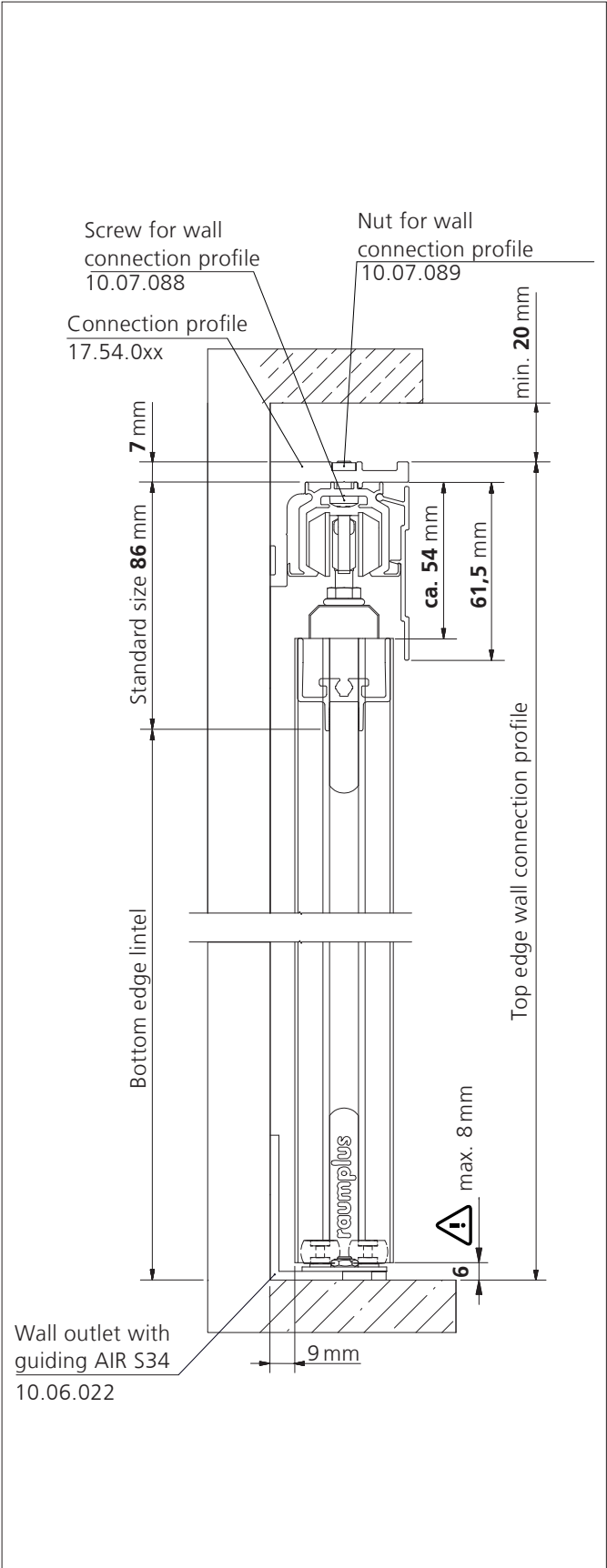
12_ Positioning of stopper for top roller AIR 1 mm

DETAIL DRAWING

VERTICAL SECTION

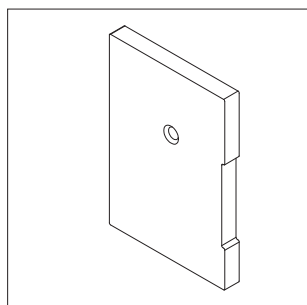


1_ Mounting under the ceiling

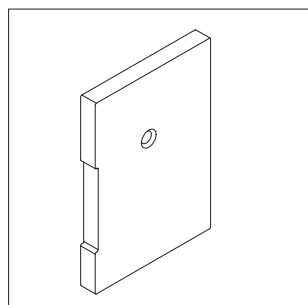


2_ Mounting in front of the wall

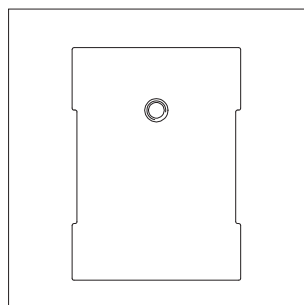
ACCESSORIES



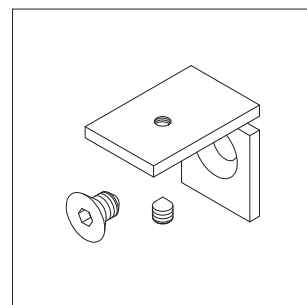
1_ 10.06.297



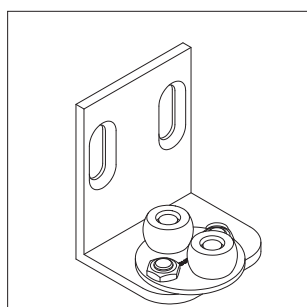
2_ 10.06.296



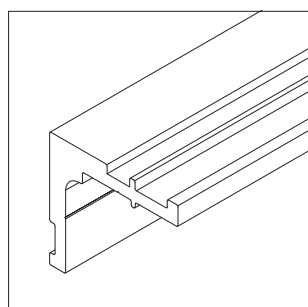
3_ 10.06.291



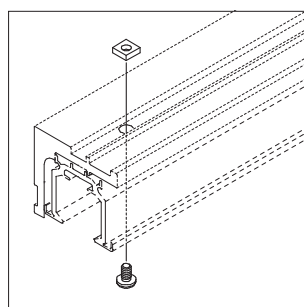
4_ 10.05.290



5_ 10.06.022



6_ 17.54.020



7_ 10.07.089 / 10.07.088

1_ End cap f. wall conn. profile, right

2_ End cap f. wall conn. profile, left

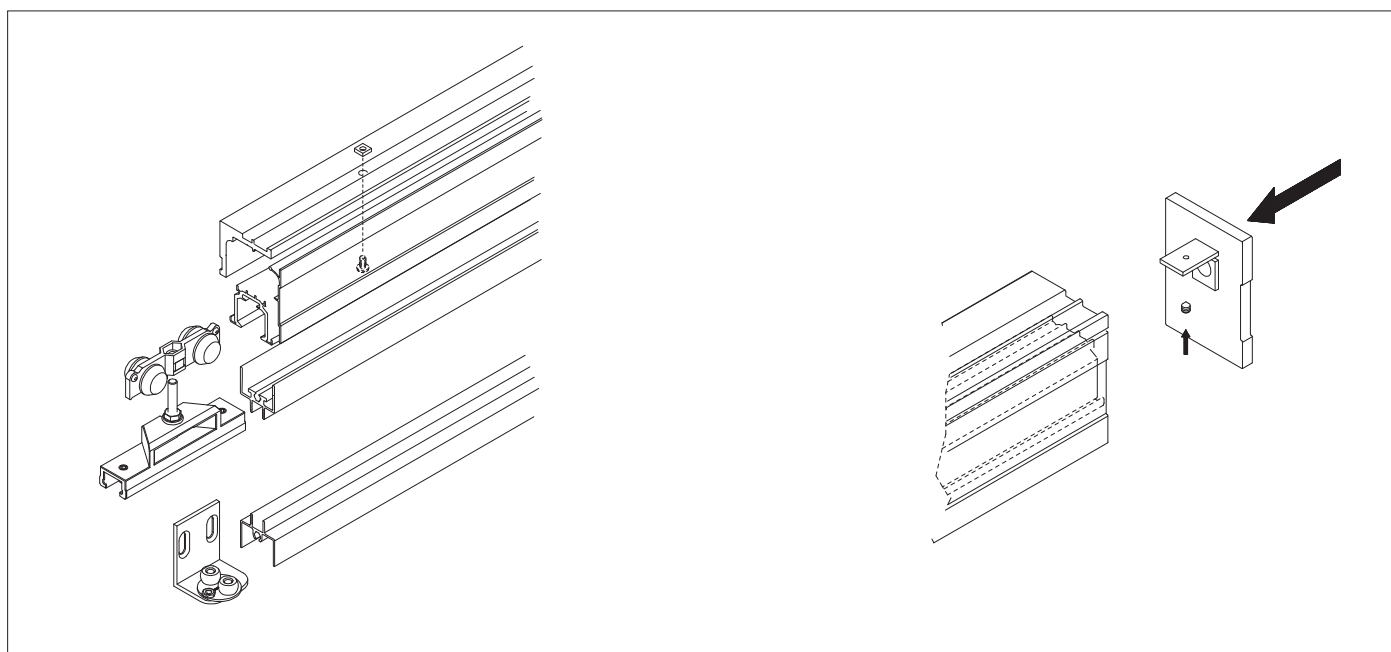
3_ End cap f. insert profile

4_ Connector for end cap air

5_ Wall outlet with guiding AIR S34

6_ Wall conn. profile for AIR S34

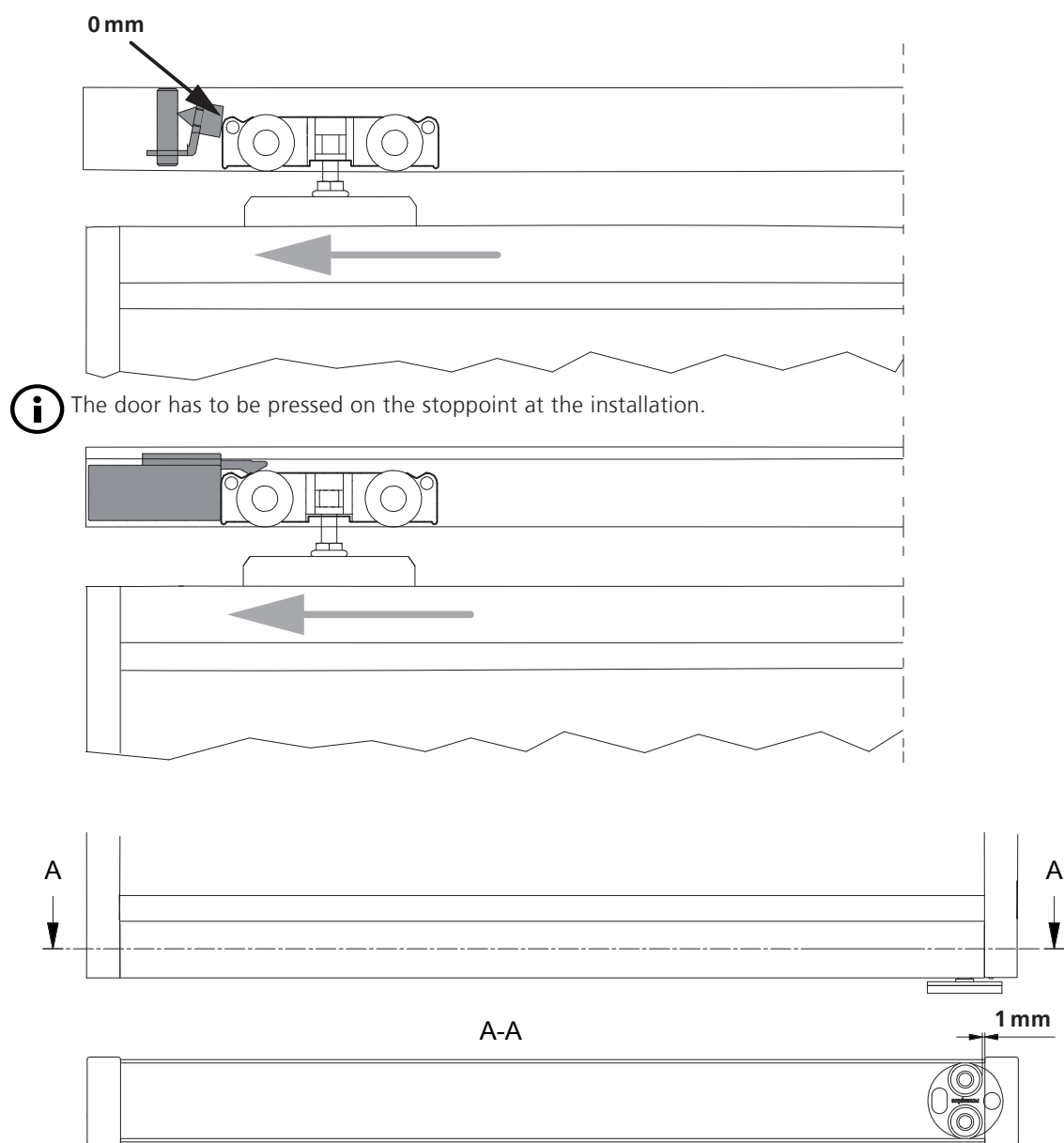
7_ Nut for wall conn. profile
Screw for wall conn. profile



8_ Position of the accessories

DETAIL DRAWING

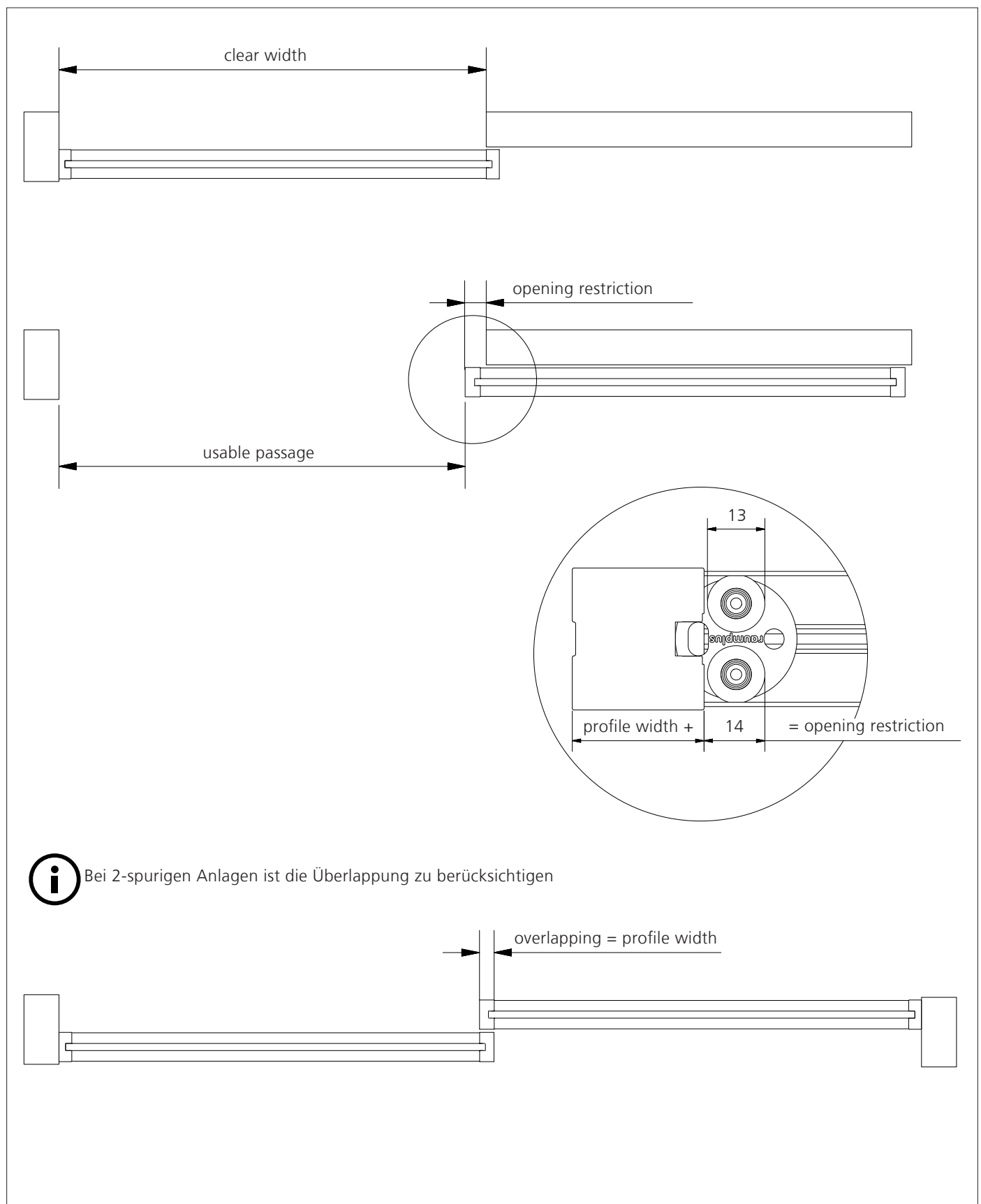
STOPPER FOR TOP ROLLER



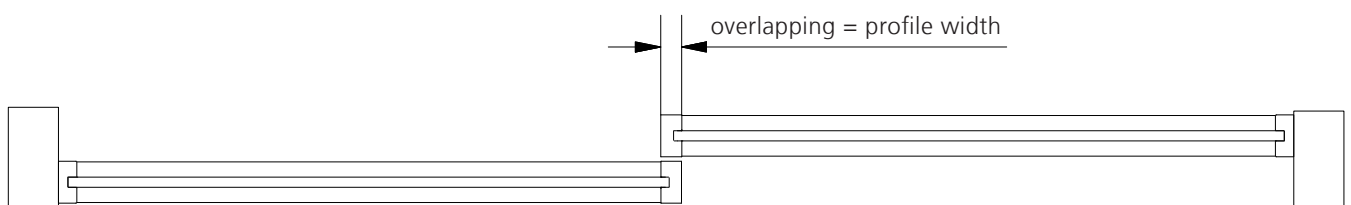
Attention!

The stopper for top roller inside the top rail are meant to be stoppoint to stop the door. The ground plate with roller air are **not** meant to be the stoppoint for the door and always requires space between the bottom roller and the stile to prevent a collision with the door and the roller.

DETAIL DRAWING



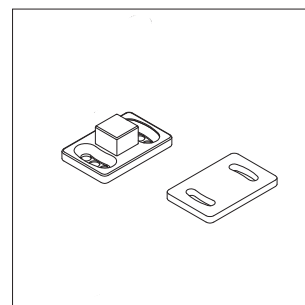
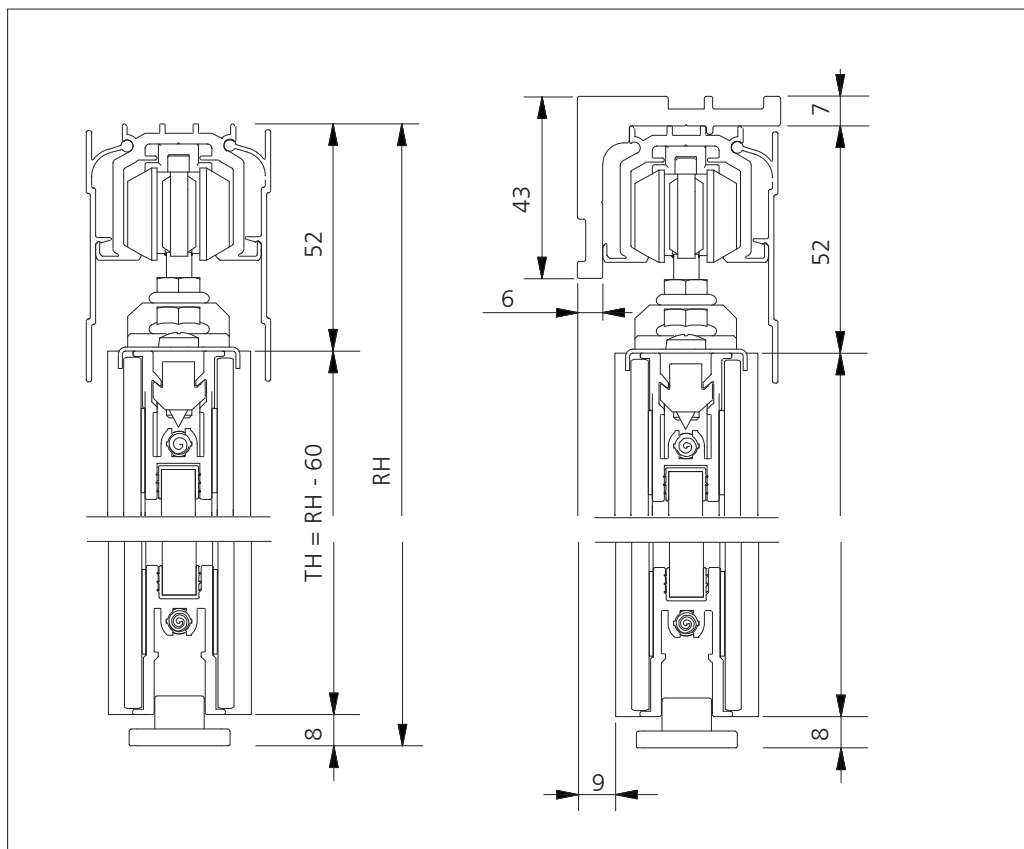
Bei 2-spurigen Anlagen ist die Überlappung zu berücksichtigen



1_ Overlapping and opening restriction (default)

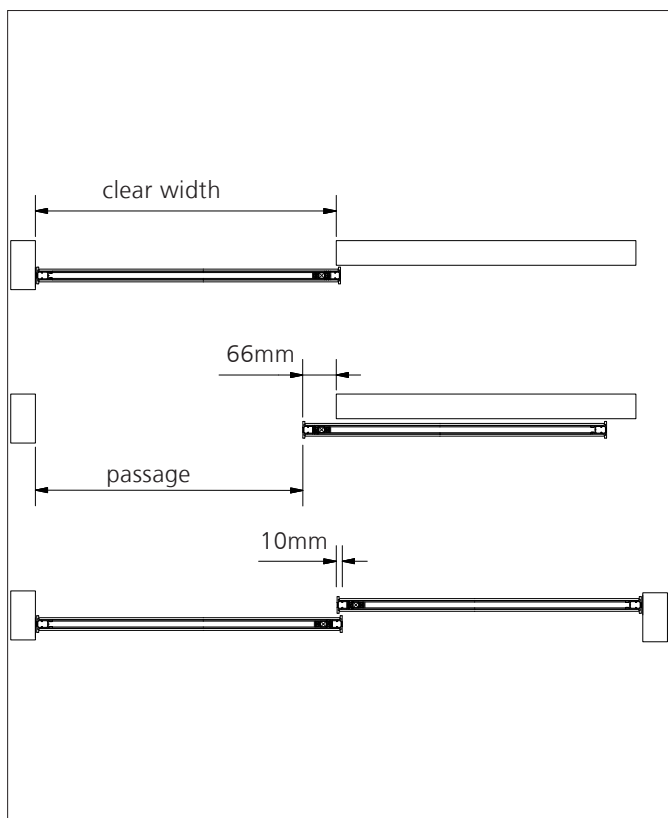
INSTALLATION INSTRUCTION

SERIES 800

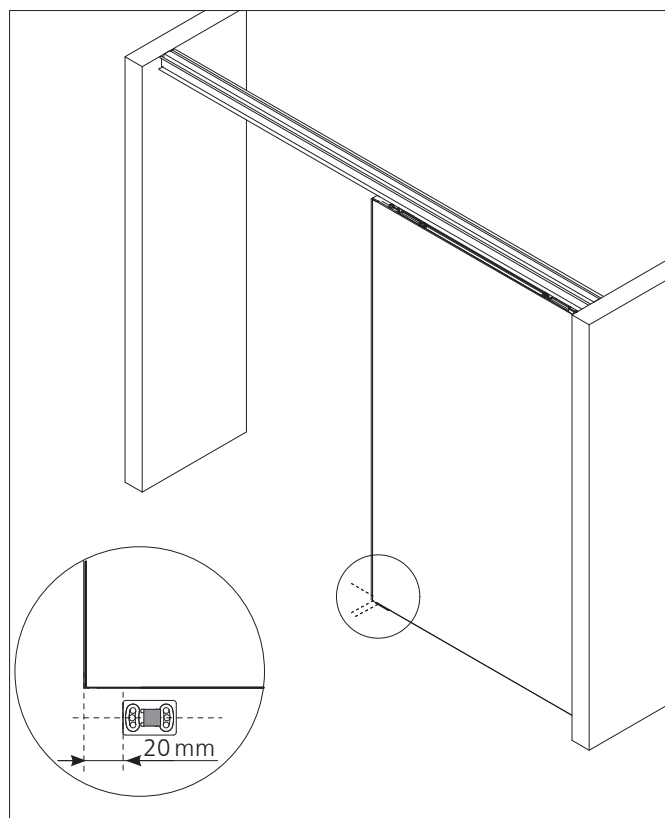


bottom guiding 12 mm AIR /
distance plate for guiding
10.05.047 / 10.05.048

1_ $\varnothing 80$ mounted to the ceiling / to the wall



2_ Overlapping



3_ Position of the bottom guiding