SLIDING DOOR SYSTEM:
INSTALLATION INSTRUCTIONS
HOW TO INSTALL A SLIDING DOOR (AIR)

V2018.1

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CONTENT

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GENERAL INFORMATION AND TOOLS

GENERAL INFORMATION:

Preparation:
We recommend reading these instructions before starting.
Carefully unpack and check all items before beginning assembly.
When transporting assembled doors; always lift at corners and lean doors on their side – never stand them upright as this may damage the top roller.

The high quality raumplus family of sliding door systems offers a wide range of possibilities.
Systems with or without bottom track, ceiling or wall mounted systems, corner solutions, locks, applied and true divided panels.
The "HOW TO INSTALL A SLIDING DOOR (AIR)" describes the process of installing an AIR top hung system.

For other instructions, please see:
INSTALLATION INSTRUCTIONS_AIR GANGING DEVICE
INSTALLATION INSTRUCTIONS_AIR BRAKE
HOW TO ASSEMBLE A SLIDING DOOR (AIR)
HOW TO INSTALL A SLIDING DOOR (S34 + S42)
HOW TO ASSEMBLE A SLIDING DOOR (S34 + S42)
For additional instructions see website www.raumplusna.com

Technical details are subject to change.

INFORMATION:
It is assumed that you have exactly identified all cutting dimensions according to the measurement instruction for raumplus-products.
max. door weight: 60kg [130 lbs]

TOOLS:

aluminium saw
allen wrenches: 3mm, 4mm, 5mm
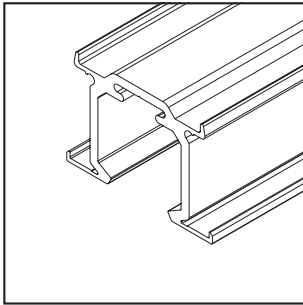wrench: 13mm
drill
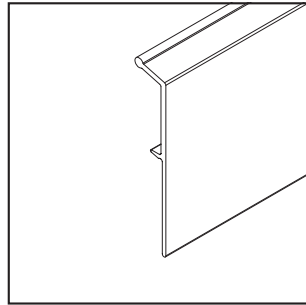drills bits: 6.5mm, 8.5mm, 10mm
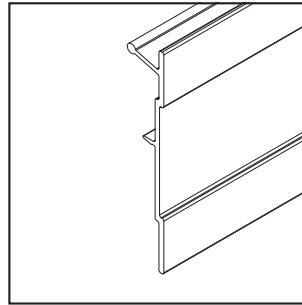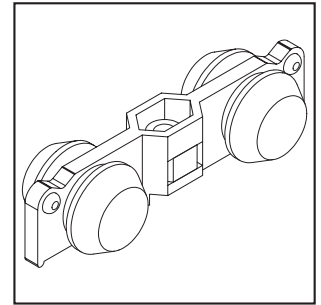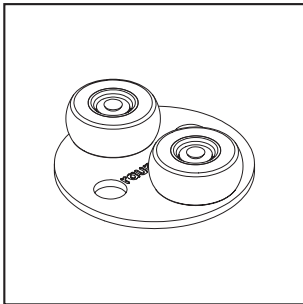white rubber mallet
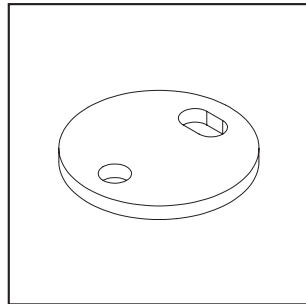masking tape
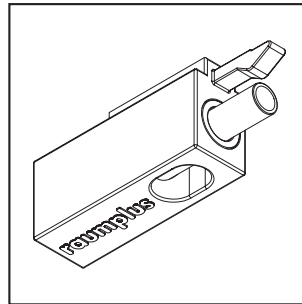pencil
level

COMPONENTS_AIR

1_14.55.020

2_14.53.020

3_14.50.020

4_10.06.200
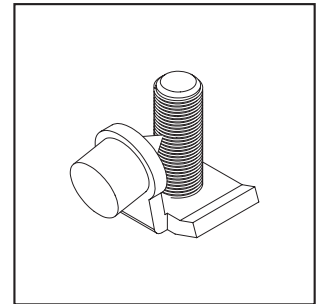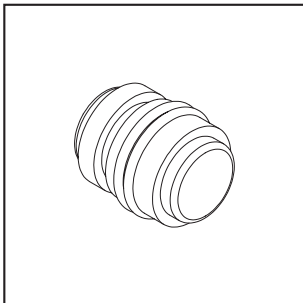

5_10.06.030

6_10.05.025

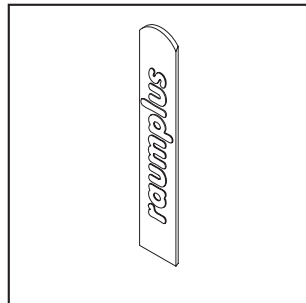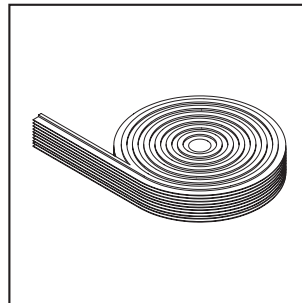7_10.05.017

8_10.05.060

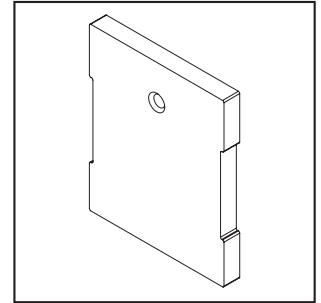9_10.05.030

10_10.07.051

11_
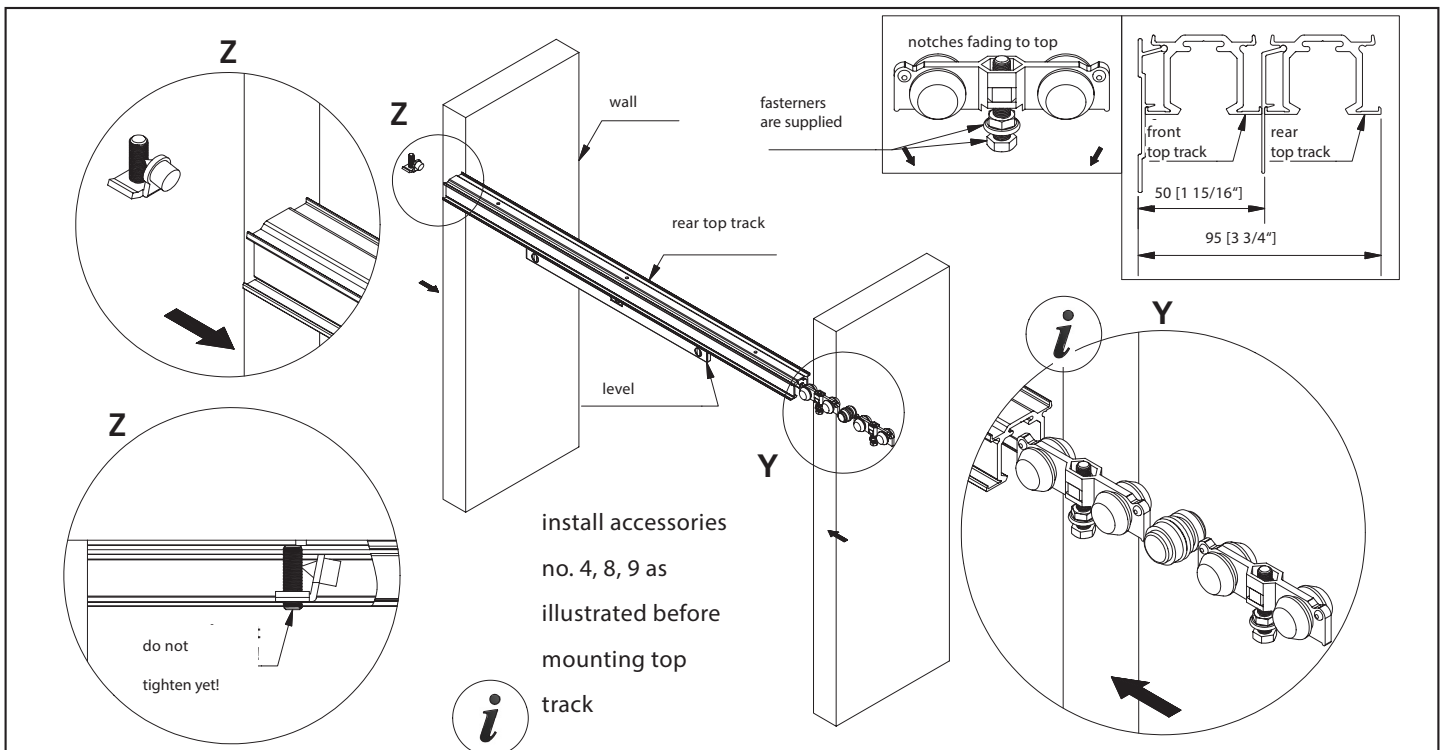

12_

1_ AIR Top track_ ceiling or wall-mount (add continous L-bracket if wall-mounted).

2_ AIR Middle valance_ used between AIR top tracks (optional).

3_ AIR Valance_ use on one or both sides of AIR top track.

4_ AIR Top roller_ connects to the top rail and helps guide the door in the track.

5_ AIR Ground plate with roller_ concealed in bottom rail and keeps the door in line.

6_ AIR Ground plate without roller_ used as a shim beneath AIR ground plate without roller (optional)..

7_ AIR Stopper with brake_ used for stopping door and holding in the closed position.

8_ AIR Stopper without brake_ used to stop door when moved to the open position.

9_ AIR Brake_ used between top rollers to slow doors in tracks (optional).

10_ Plug_ to cover the holes drilled for the frame screw.

11_ Brush gasket_ provides dust seal between wall and door. Avaliable in grey (may substitute with grey rubber, upon request).

12_ AIR End cap_ ceiling mount shown, also avaliable wall mounted (left or right, optional).

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INSTALLATION_AIR

102 mm [4"]   max. 508 mm [20"]   102 mm [4"]

05 mm [3/16"]
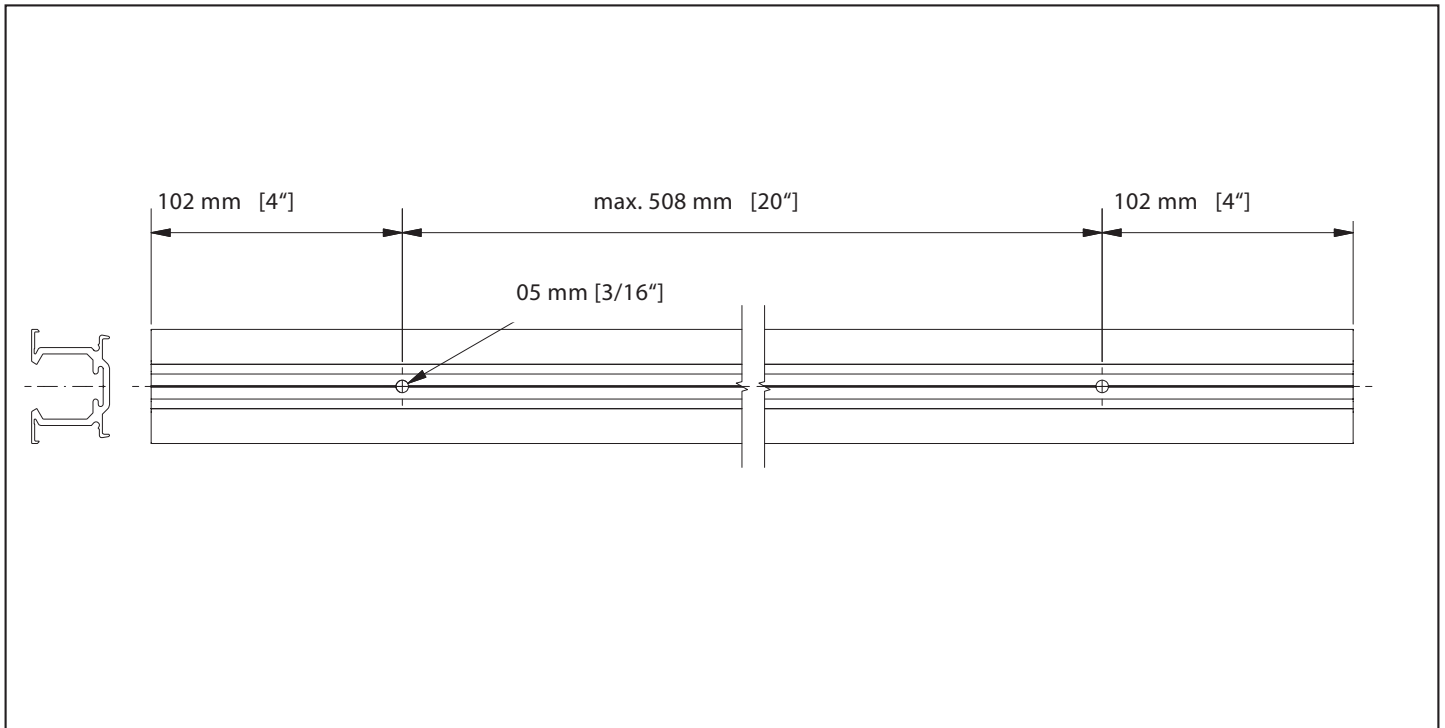
1_ cut valance for top track, middle valance and top track to size, drill holes in top track.

Z

Z

wall

notches fading to top

fasterners
are supplied

rear top track

front
top track

rear
top track

50 [1 15/16"]

95 [3 3/4"]

level

Y

Y

Z

install accessories
no. 4, 8, 9 as
illustrated before
mounting top
track

do not

tighten yet!

2_ drill holes in ceiling and mount the rear top track.

Z

Z

level
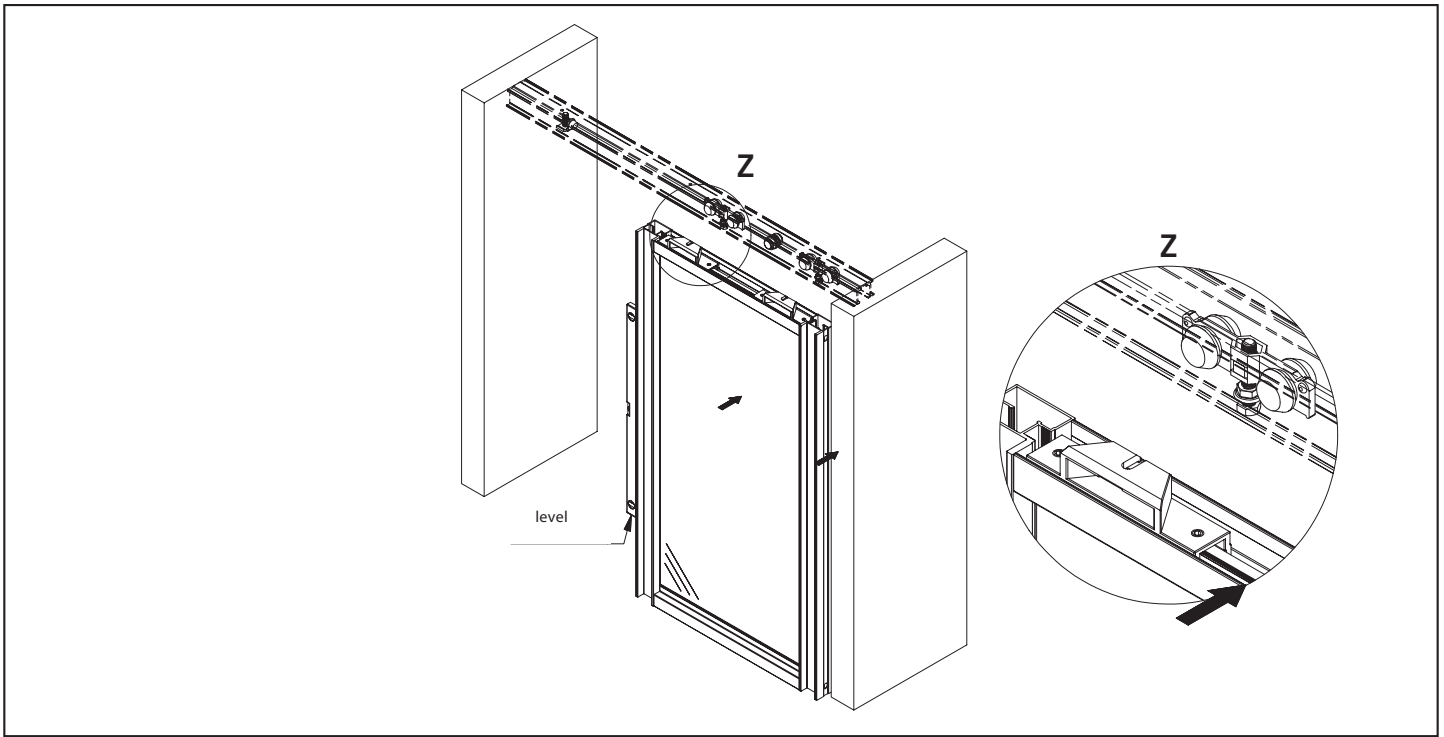
3_ hang the rear sliding door and adjust height

Z

rear door
closed

center of
rear top track

inner edge
of stile

Z
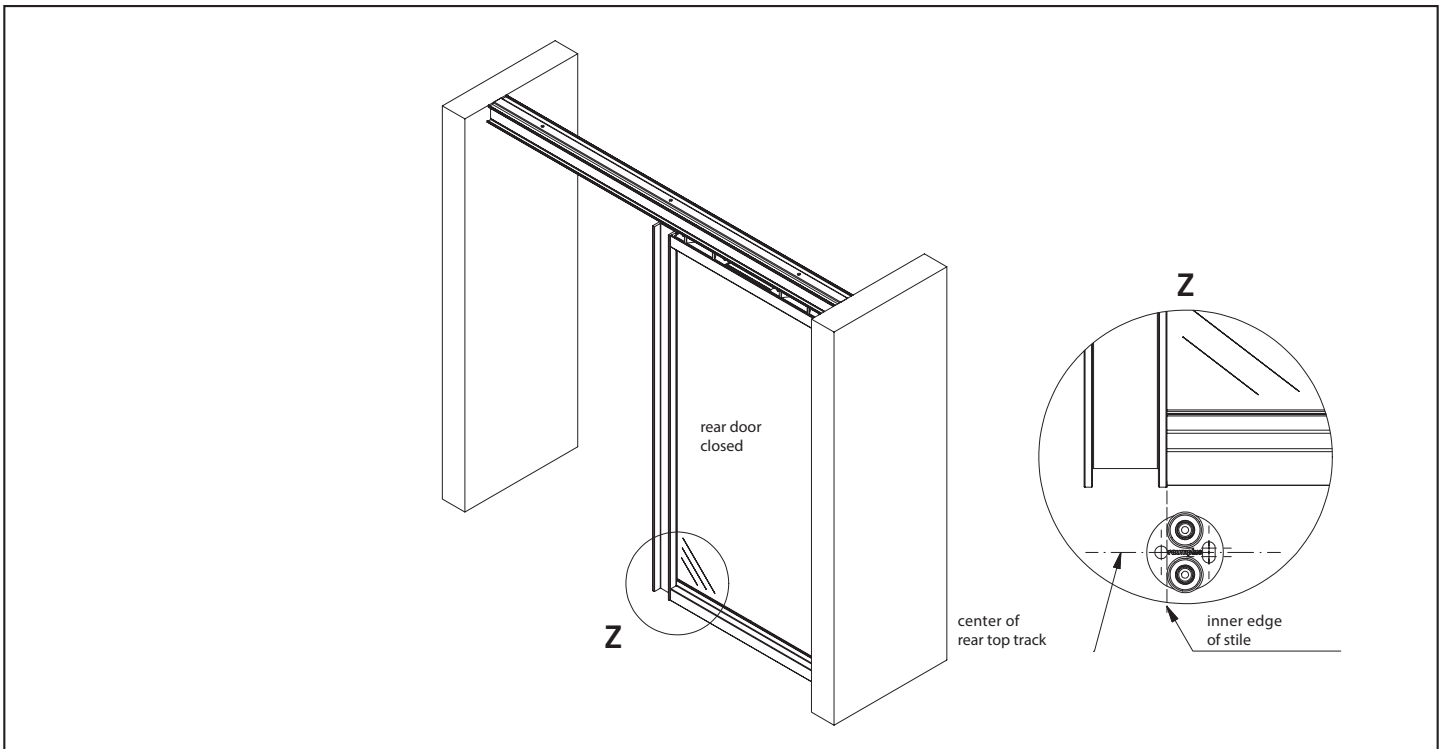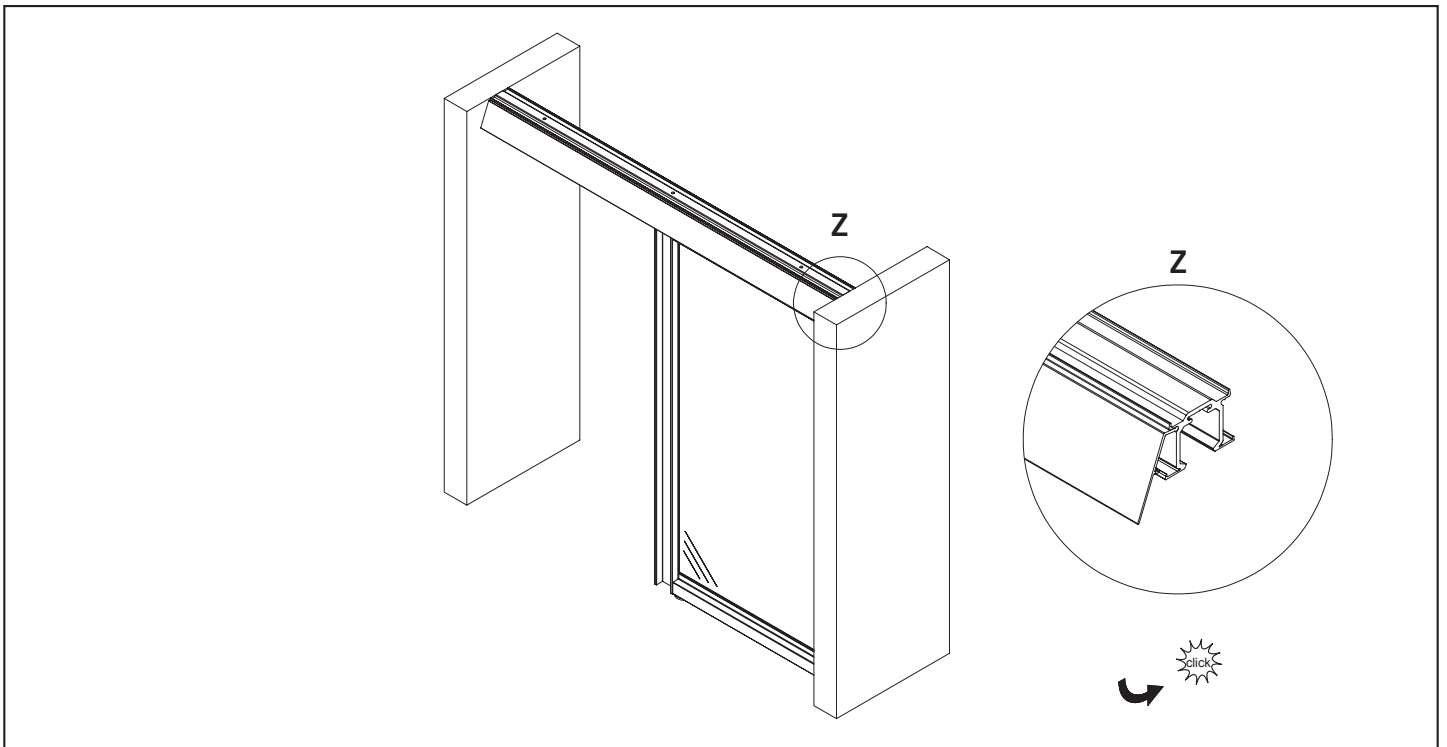
4_ mark position of ground plate (masking tape / pencil), <u>remove rear sliding door</u> and mount ground plate

INSTALLATION_AIR
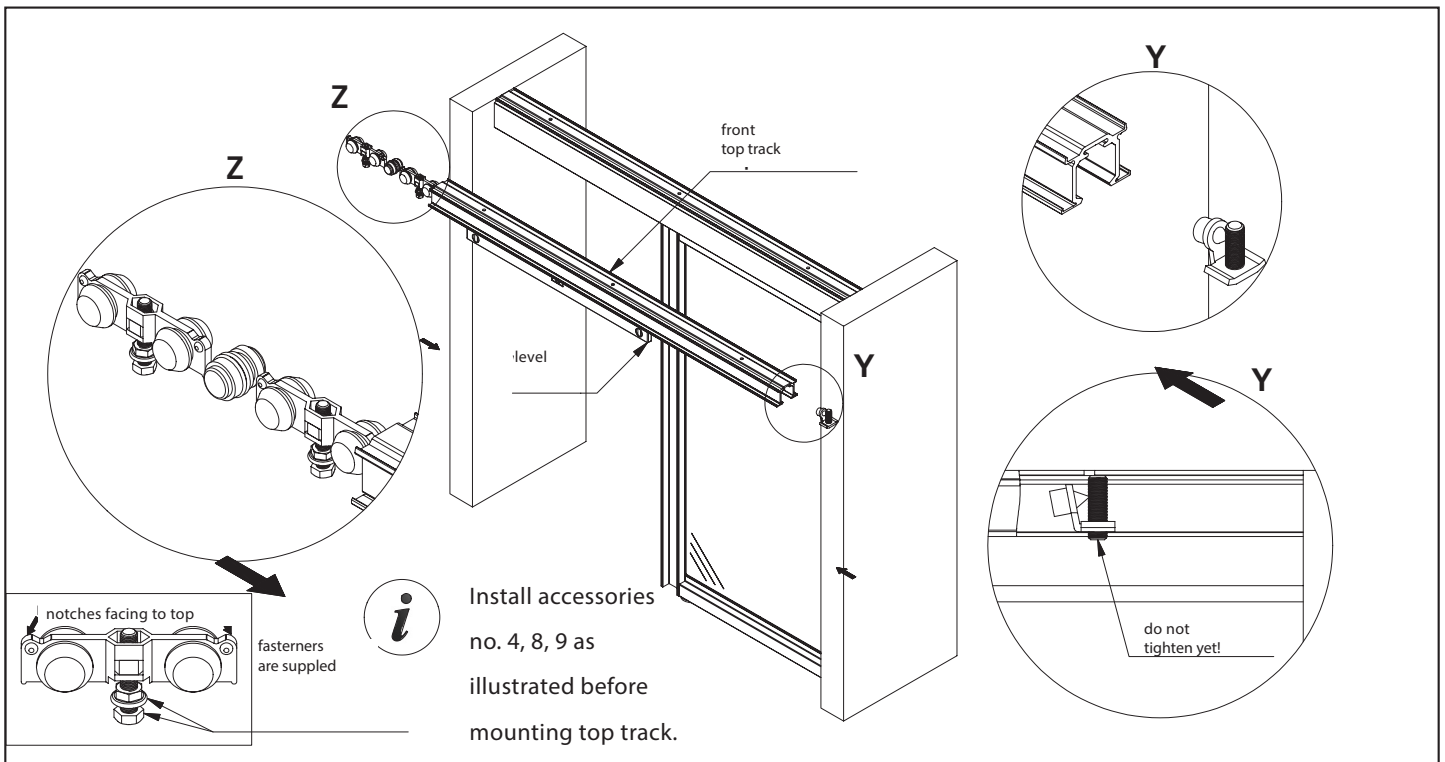

ground plate with rollers +
ground plate without rollers
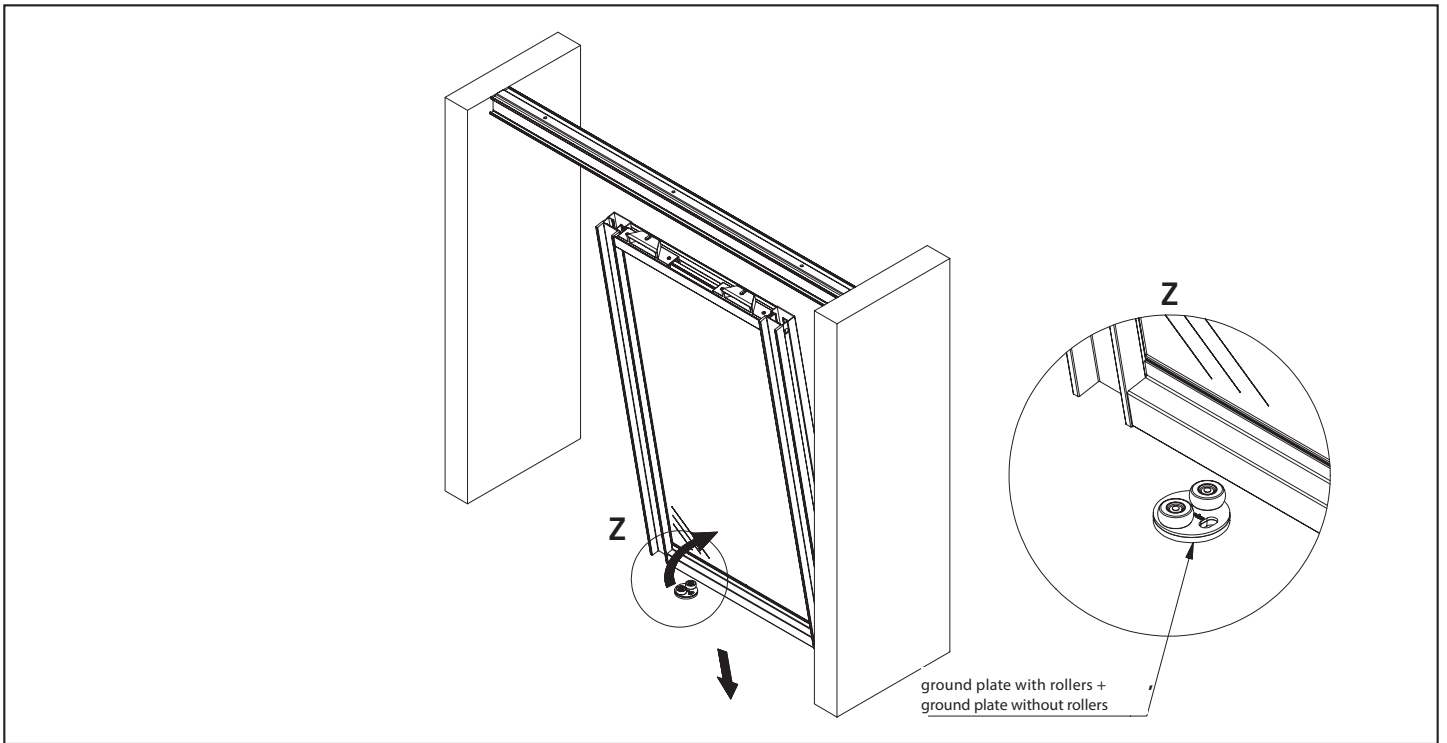
5_ re-hang rear sliding door, then tighten the fasterner at the pick up elements

click

6_ install top track

Z

Z

front
top track

Y

level

Y

Y

notches facing to top

fasterners
are suppled

do not
tighten yet!

i Install accessories
no. 4, 8, 9 as
illustrated before
mounting top track.

7_ drill holes in ceiling and mount front top track

Z

Z

*IMPORTANT
Make sure the fixation plate is spaced
correctly
S3000: 0mm [0"] from stile
S1500: 19mm [3/4"] from stile
if further explanation is needed, please see
AIR assembly instructions.

i Adjust door to hang
6mm [1/4"] above the
floor

level
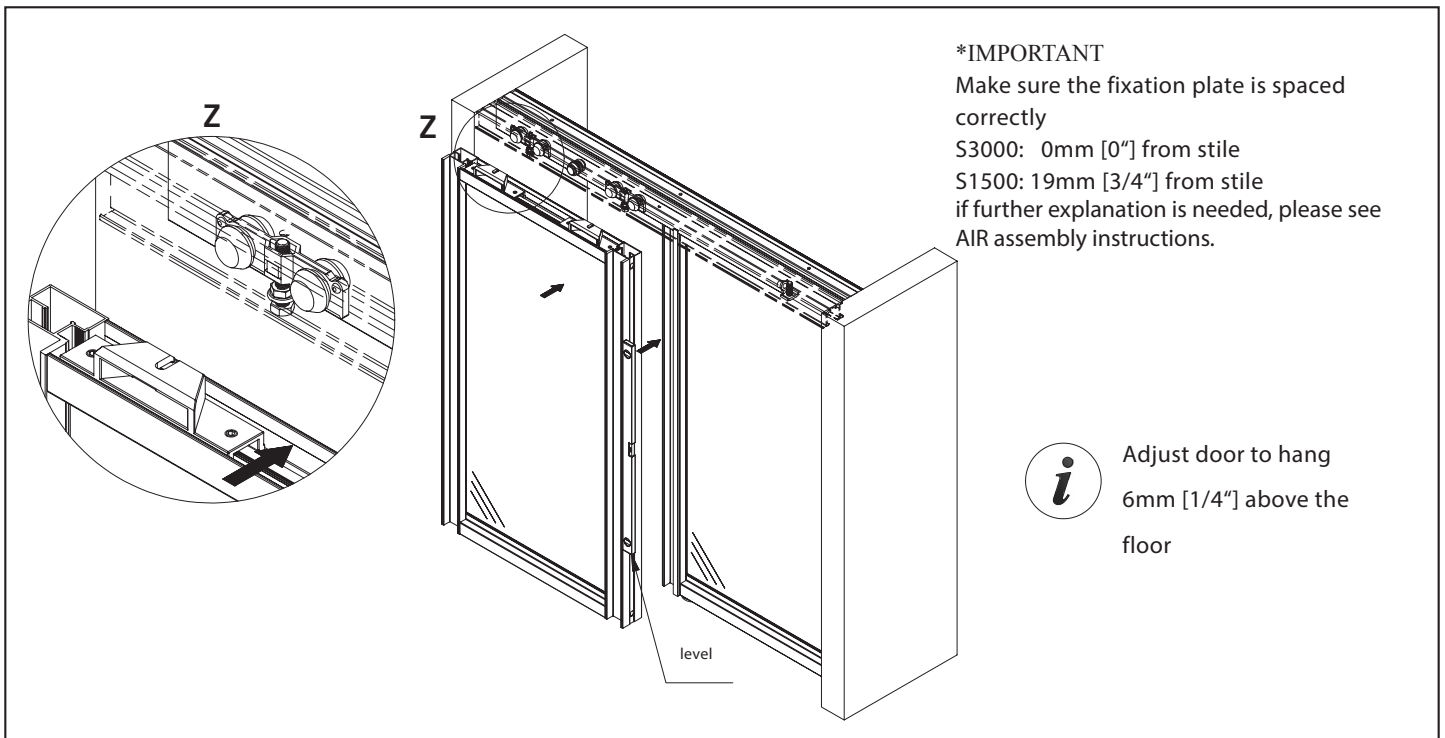
8_ hang the front sliding door and adjust height

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INSTALLATION_AIR

front door
closed

Z

Z

center of front
top track

inner edge of stile
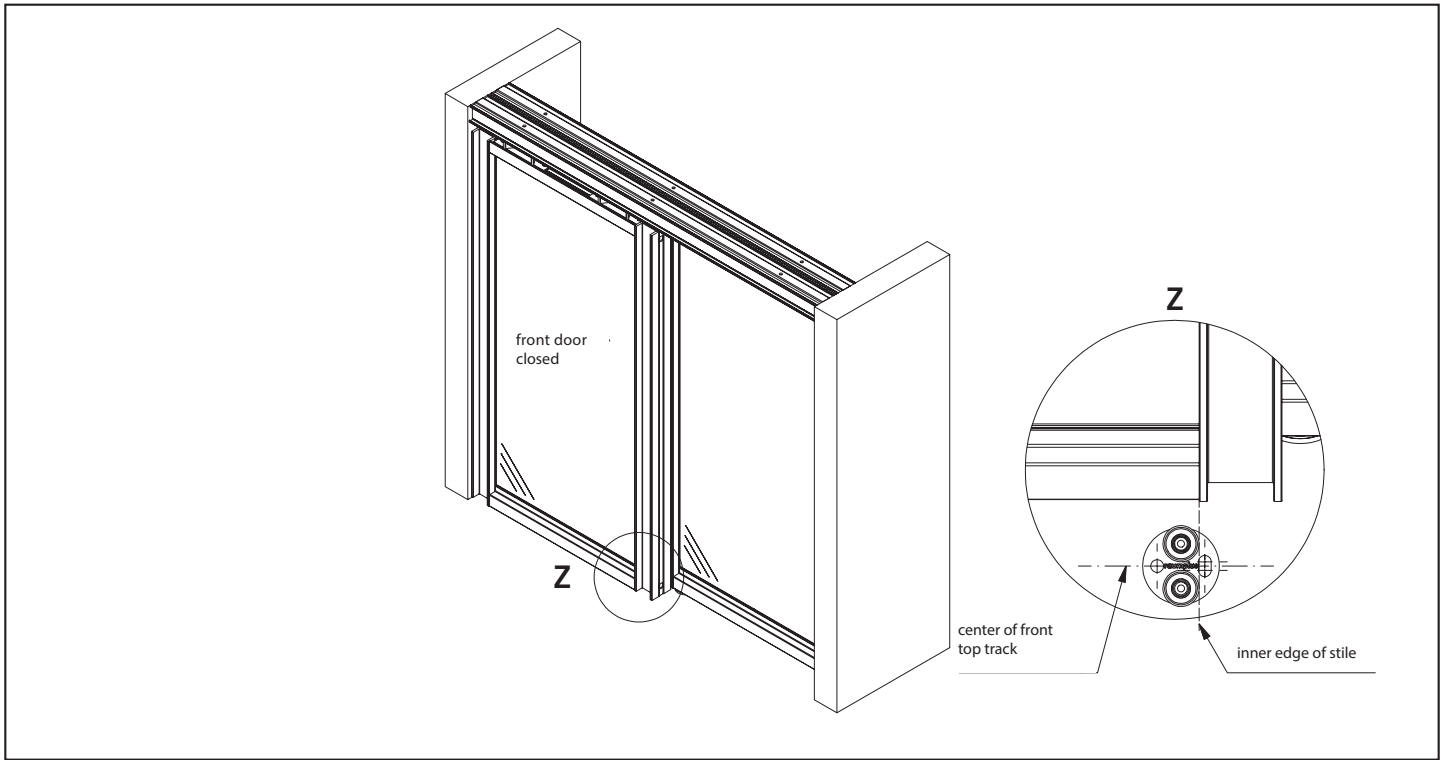
9_ mark position of ground plate (masking tape / pencil), remove front sliding door and mount ground plate
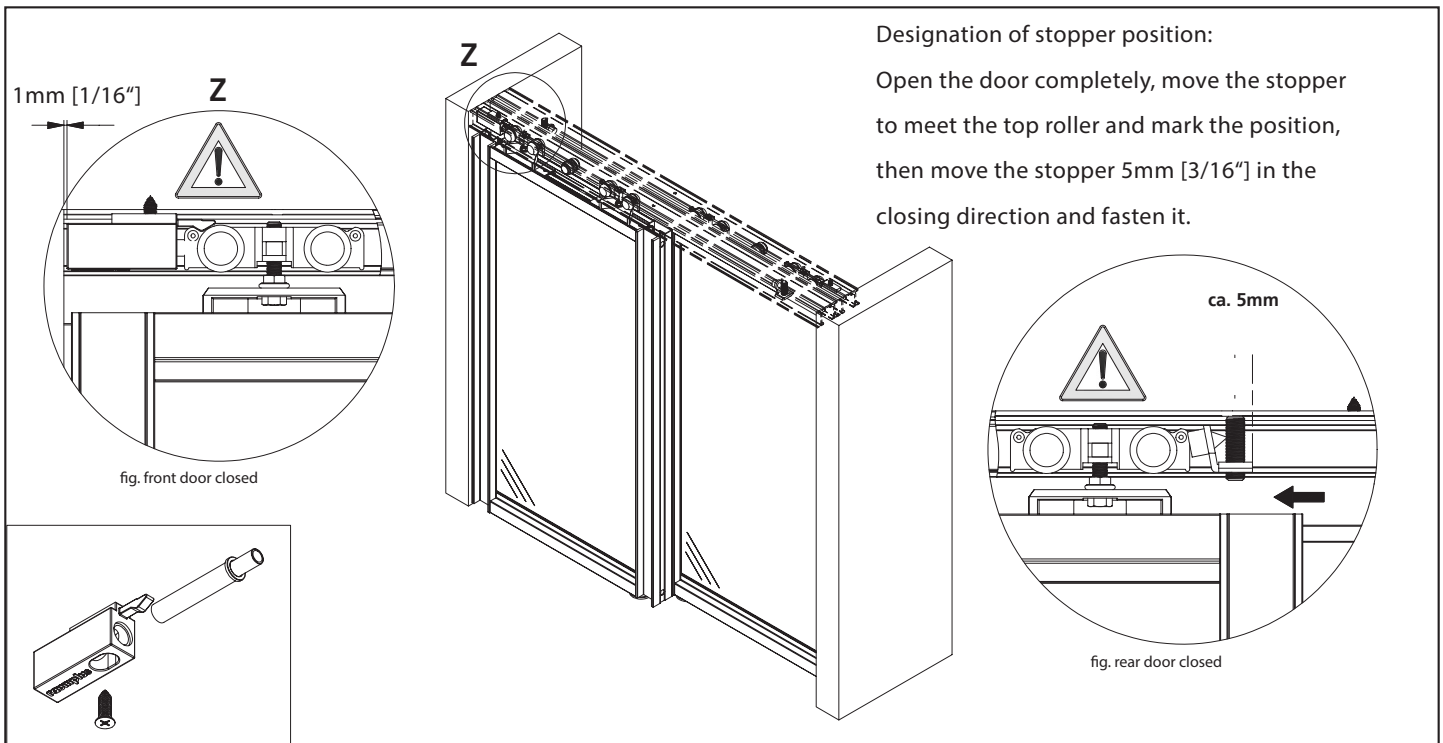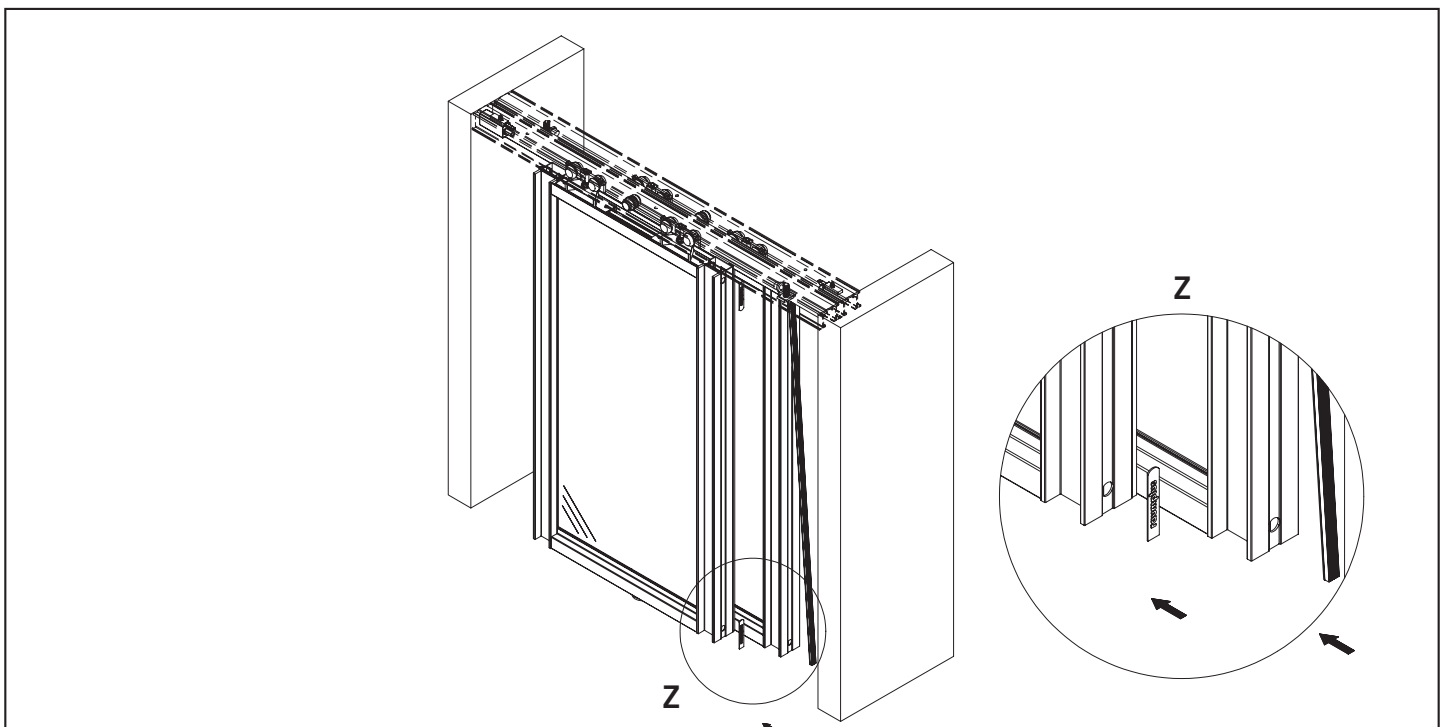

Z

Z

ground plate with rollers
ground plate without rollers
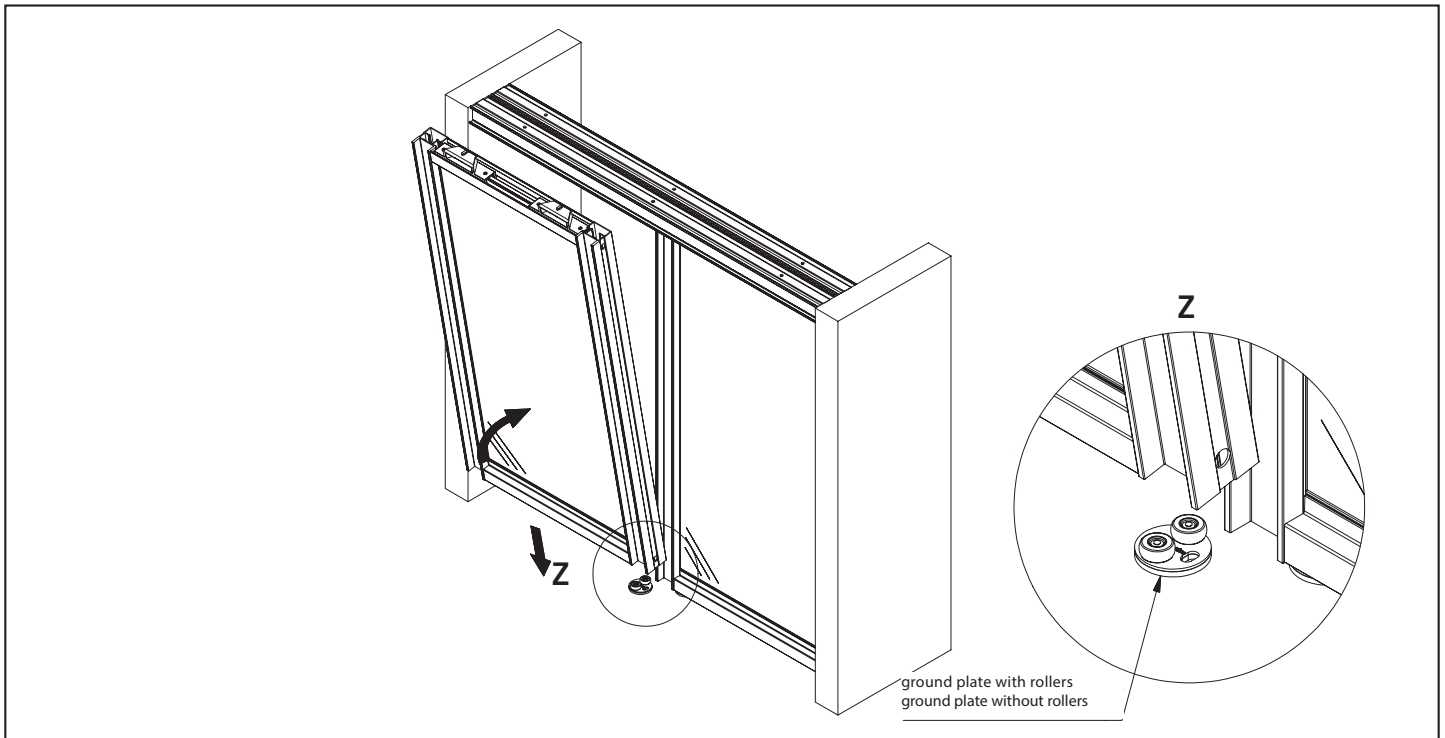
10_re-hang front sliding door, then tighten the fasteners at the AIR top roller/fixation plate

1mm [1/16"]

Z

fig. front door closed

Z

Designation of stopper position:

Open the door completely, move the stopper to meet the top roller and mark the position, then move the stopper 5mm [3/16"] in the closing direction and fasten it.

ca. 5mm
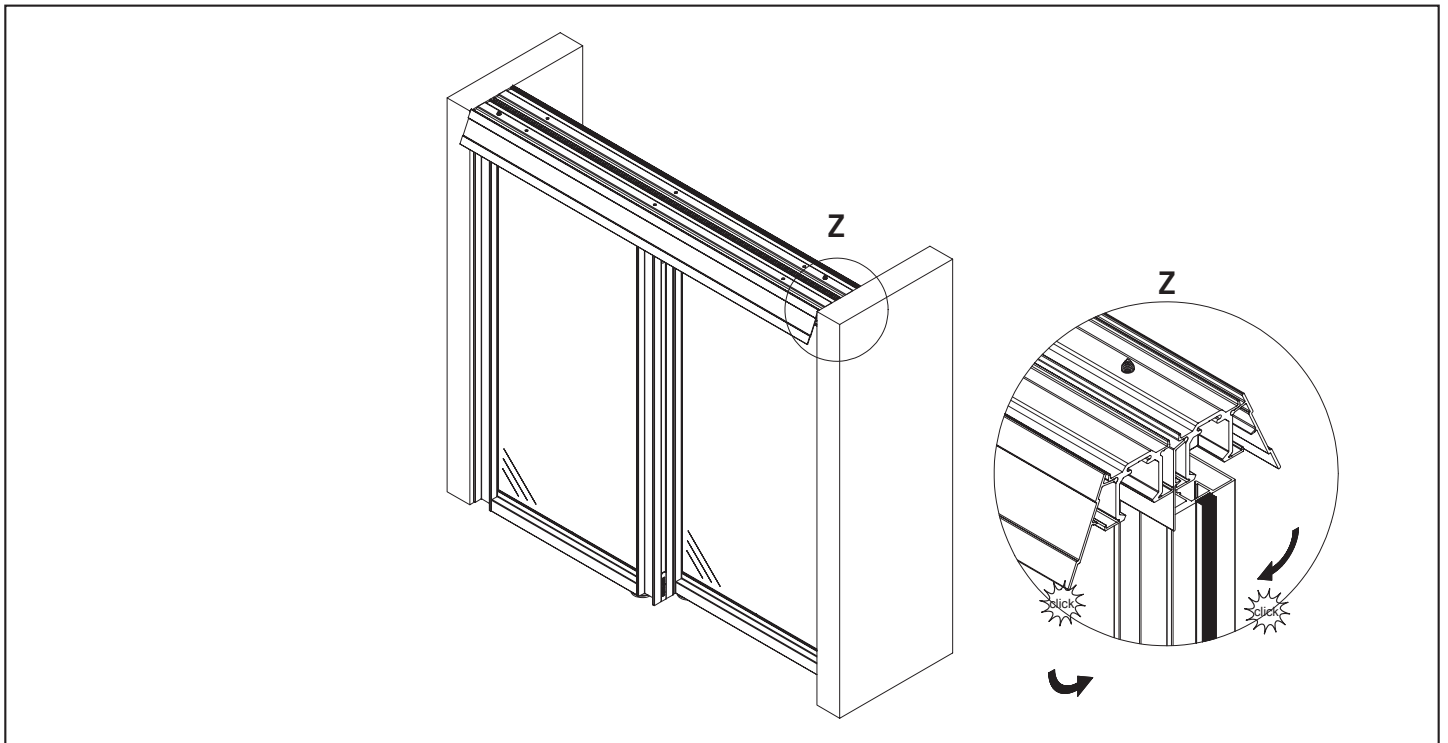
fig. rear door closed

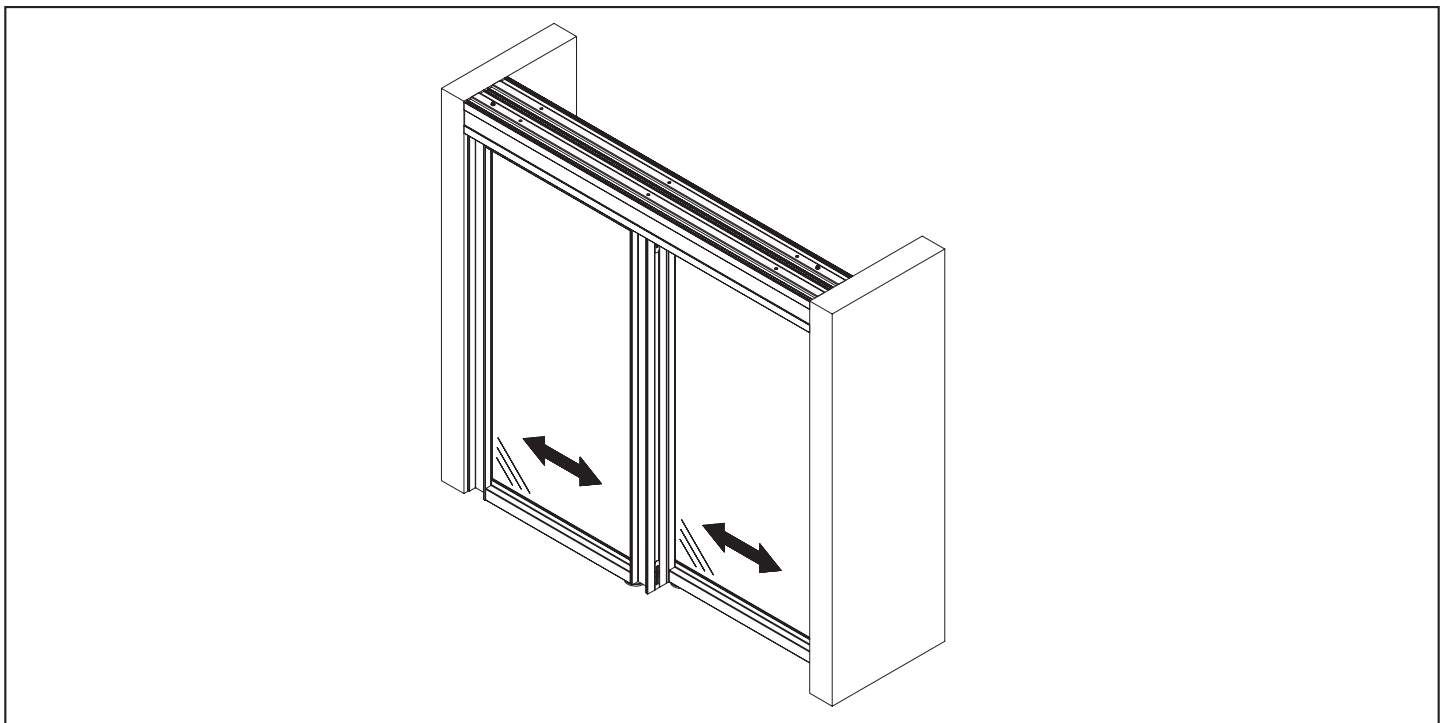11_ mount AIR stopper with brake in both top tracks at closed position

Z

Z

12_ apply brush gasket and plugs (see page 12)

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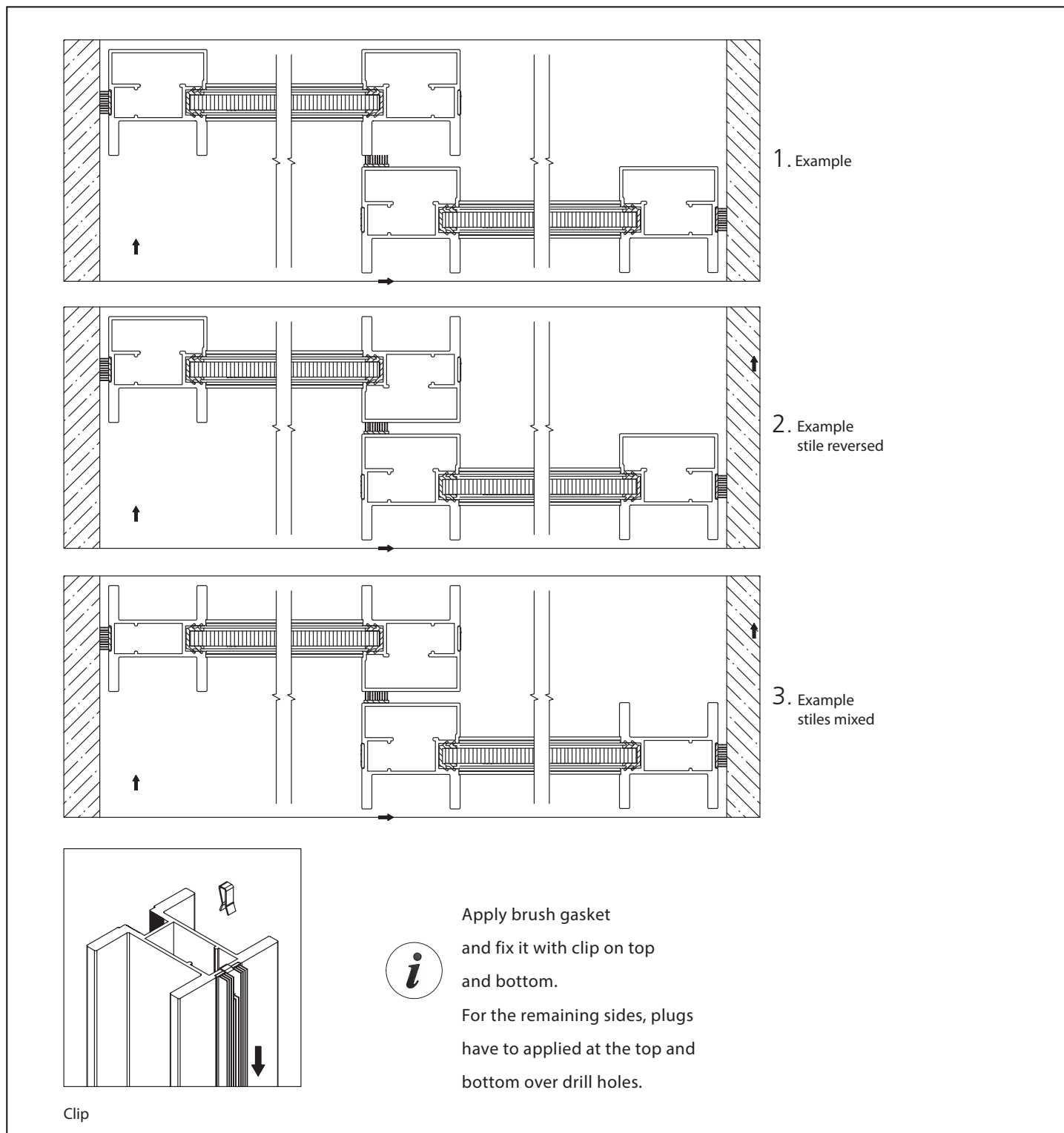
13_ apply valances for top track on front and back

14_ test the function

INSTALLATION_AIR

POSITION OF BRUSH GASKET

1. Example

2. Example
   stile reversed

3. Example
   stiles mixed

Clip

Apply brush gasket
and fix it with clip on top
and bottom.
For the remaining sides, plugs
have to applied at the top and
bottom over drill holes.

15_ positions of brush gasket

DETAIL DRAWING_AIR
CEILING-MOUNTED

97mm [3 13/16"]

49mm [1 15/16"]

62mm
[2 7/16"]

AIR top track

AIR middle valance

AIR valance for top track

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6mm

[1/4"]

ground plate with rollers

ground plate with out
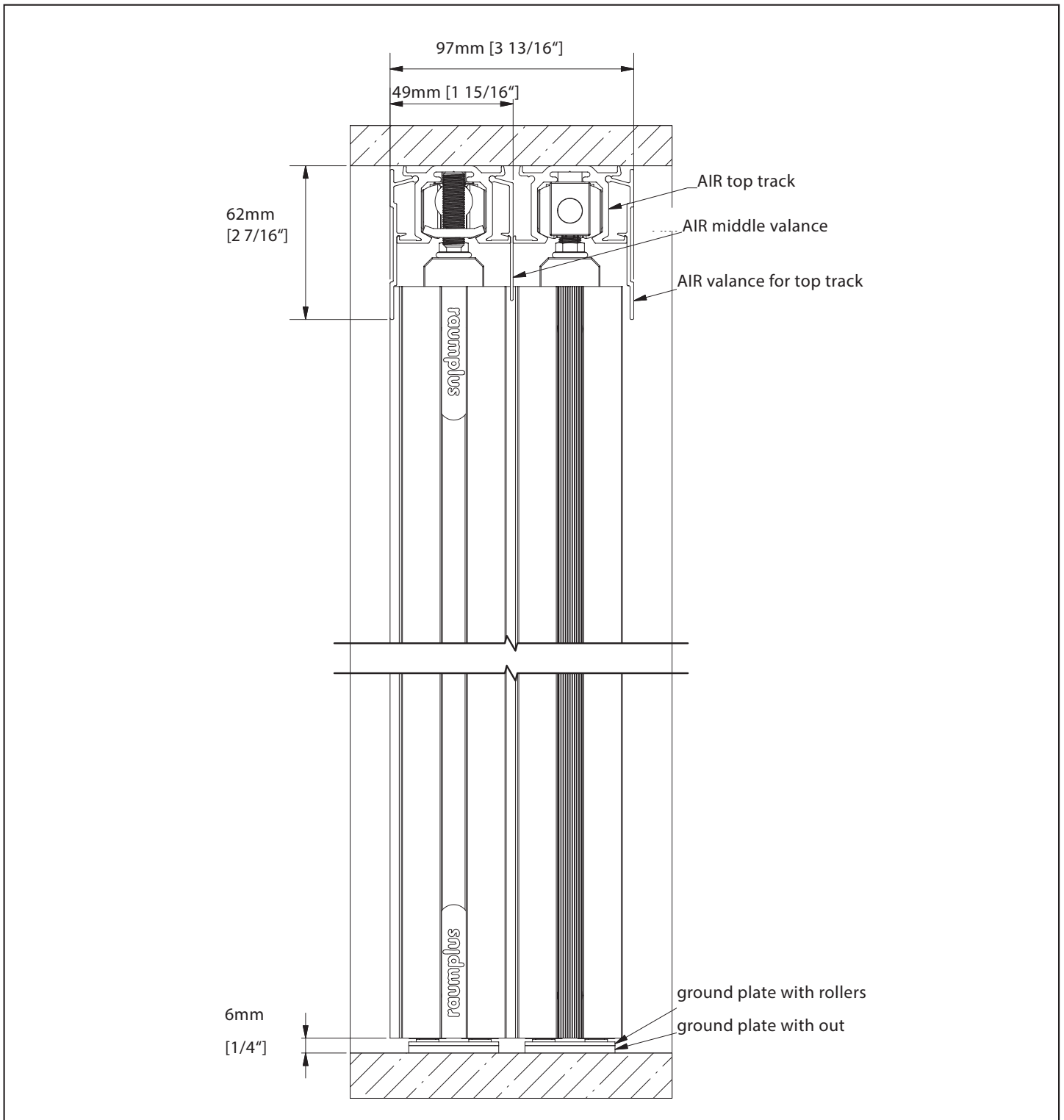
INSTALLATION_AIR
WALL-MOUNTED WITH CONTINOUS L-BRACKET

screw for continous
L-bracket

continous L-bracket

screw for continous
L-bracket

40mm (minimum)
[1 9/16"]

6mm
[1/4"]

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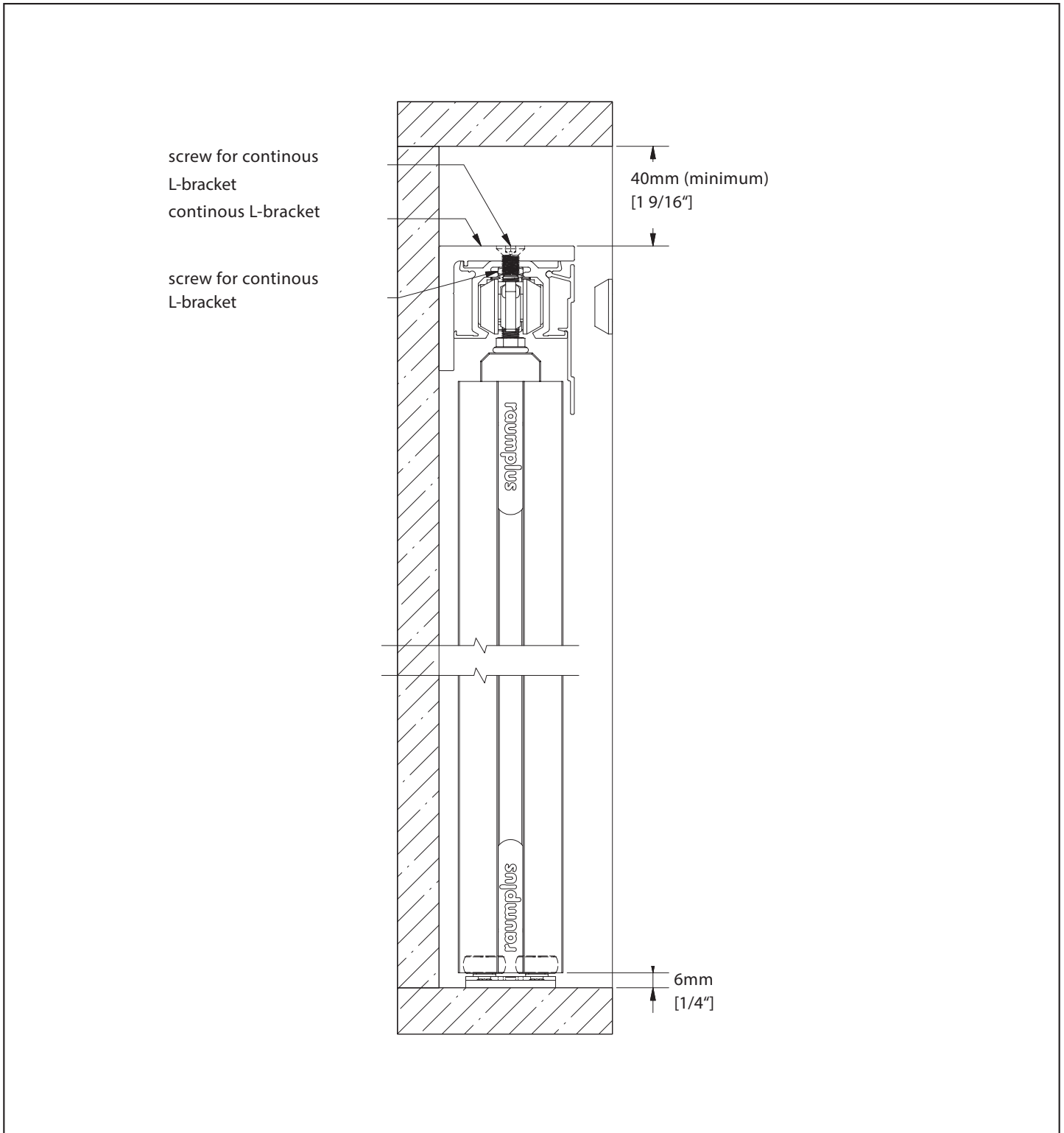
INSTALLATION_AIR
WALL-FASTENING OF GROUND PLATE

2.5mm [1/8"]

wall-mounted ground
plate with roller

6mm
[1/4"]

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