FIXED WALL SYSTEM:
INSTALLATION & ASSEMBLY INSTRUCTIONS
HOW TO ASSEMBLE & INSTALL (S1600) FIXED PANEL

V2017.1

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GENERAL INFORMATION / 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 bottom roller.

The high quality raumplus family of sliding door systems offer 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 ASSEMBLE AND INSTALL S1600" describes the process of assembling a S42 S1600 fixed panel system.

For other instructions, please see:
HOW TO INSTALL A SLIDING DOOR (S34 + S42)
HOW TO ASSEMBLE A SLIDING DOOR (S34 + S42)
ASSEMBLY INSTRUCTIONS_S34/S42 STOPPER FOR TOP TRACK + END CAP
INSTALLATION INSTRUCTIONS_S34/S42 WALL-MOUNT END CAPS + L-BRACKET
INSTALLATION INSTRUCTIONS_S34/S42 TOP AND BOTTOM TRACK CONNECTORS
INSTALLATION INSTRUCTIONS_TRUE DIVIDING RAIL
HOW TO ASSEMBLE A SLIDING DOOR (AIR)
HOW TO INSTALL A SLIDING DOOR (AIR)
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: 180kg [390 lbs]

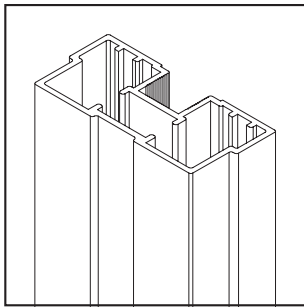## TOOLS:

tape measure
level
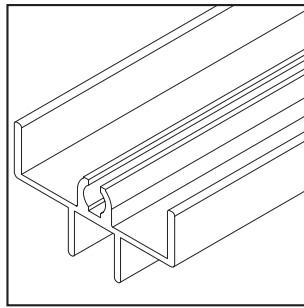fasteners
metal saw
drill with metal drill bits
screwdriver
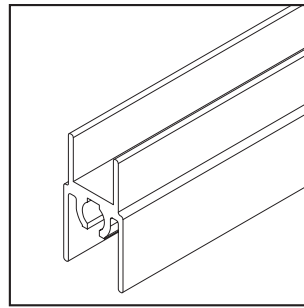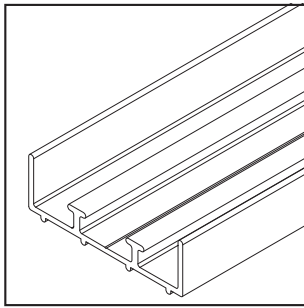white rubber mallet
allen key set

COMPONENTS_S1600

1_

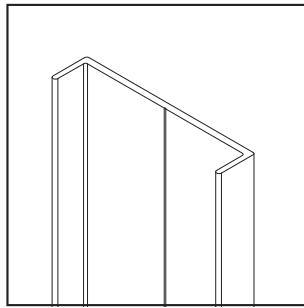
2_

3_
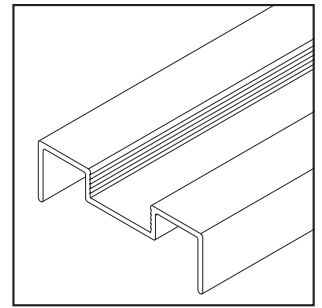
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5_

6_
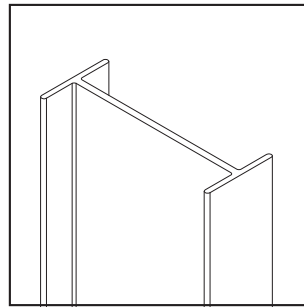
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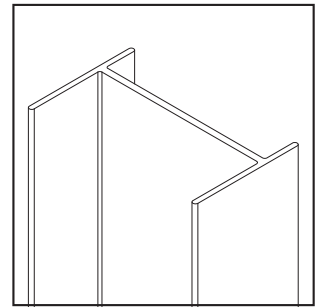
8_

9_

10_

11_

12_

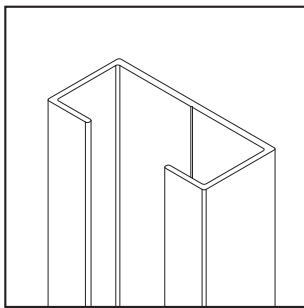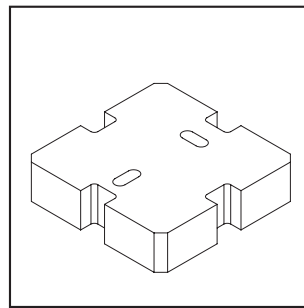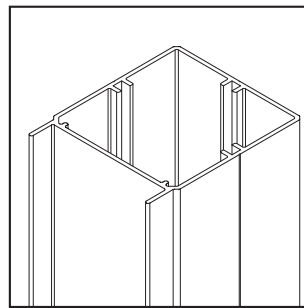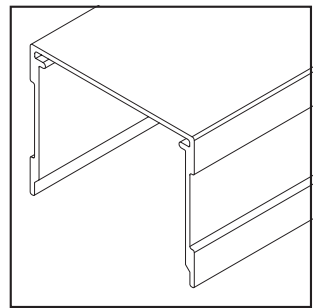1_ S1600 Stile_ (vertical profile)_ forms the vertical frame of the sliding door together with the top and bottom rails.

2_ S1600 Top rail _ forms the horizontal top frame of the sliding door together with the vertical profiles and bottom rail.

3_ S1600 Bottom rail_ forms the horizontal bottom frame of the sliding door together with vertical profiles and top rail.

4_ S1600 Ground cover_ slides over the ground connection profile (Fig. 5) and is adjustble up or down with the use of shims.

5_ S1600 Ground connnection_ attaches to the floor and ground cover profile (Fig. 4) slides over top.

6_ S1600 Cover for corner profile_ Use in combinateion with corner post for multiple direction fixed panels.

7_ S1600 Combi profile_ Use to connect two S1600 fixed panels.

8_ S1600 Wall combi profile_ Use with wall connection profile (Fig. 9) to connect panel to wall.

9_ S1600 Wall connection profile_ Use to connect fixed panel to wall. To be used in conjunction with wall combi profile.

10_ S1600 Ground plate for corner profile_ Used to anchor the S1600 Corner profile to the floor.

11_ S1600 Corner profile_ Use as a corner post.

12_ S42 Top track single_Ceiling or wall-mounted (add wall-mounted bracket and wall-mounted end caps).

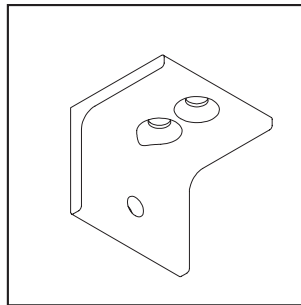The details shown are to be understood as examples; a wide range of variations with similar designs are available.
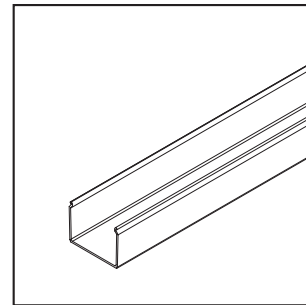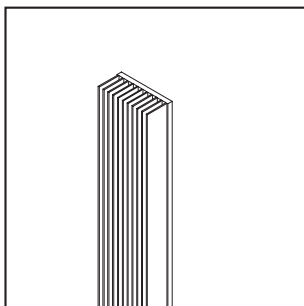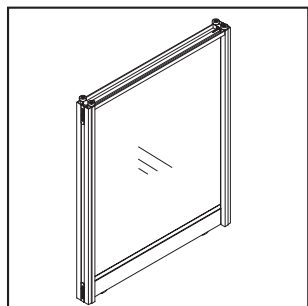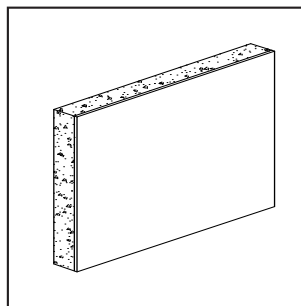
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COMPONENTS_S1600
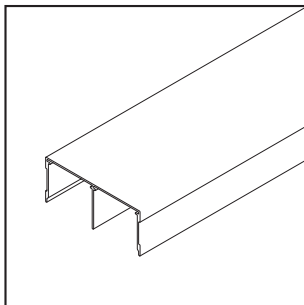
13_
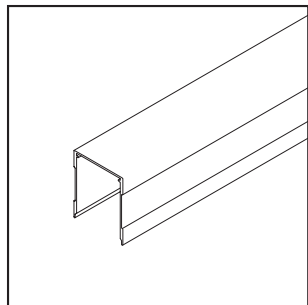
14_

15_

16_

17_

18_

19_
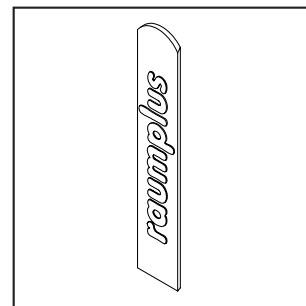
20_

13_ S42 Double top track_ Ceiling-mounted only.

14_ S42 Single top track, 60mm height_ Ceiling or wall-mounted (add wall-mounted L- bracket).

15_ S42 Stopper for top track_ Use to firmly stop sliding door in top track.

16_ S42 Cover profile for top track_ Use to cover inside channel of top track.

17_ Brush gasket_ Use to cushion against wall, door or post.

18_ S1600 Sliding Door_ S1600 Fixed panel.

19_ Tape Squares_ Use to secure panels and accesories together.

20_ Plugs_ Covers the holes drilled for the frame screw.

The details shown are to be understood as examples; a wide range of variations with similar designs are available.

DETAIL DRAWING
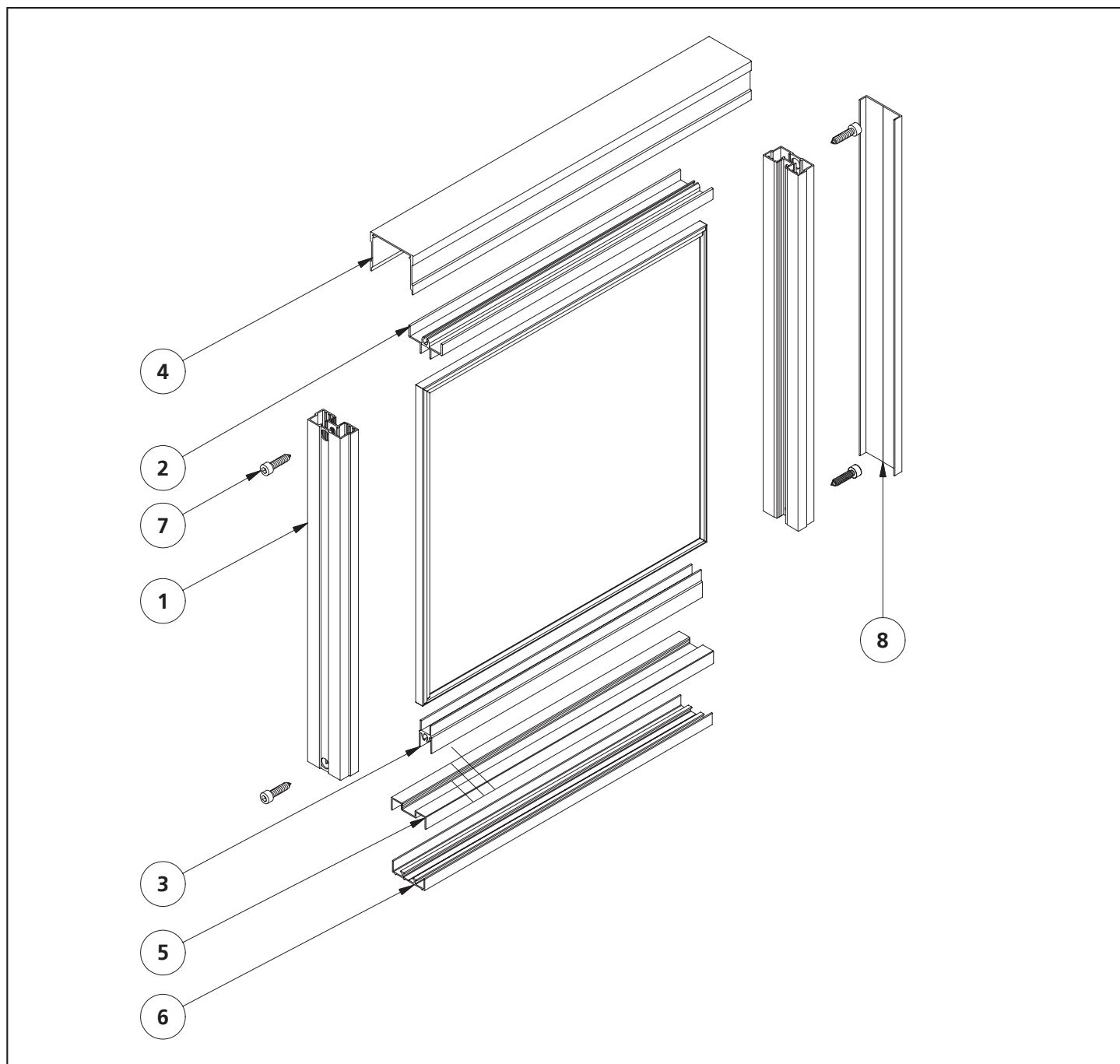
Object	Quanity	Description
1	2	S1600 Stile
2	1	Top rail
3	1	S1600 Bottom rail
4	1	S42 Single top track
5	1	S1600 Ground cover
6	1	S1600 Ground connection profile
7	4	Frame screw
8	1	S1600 Cover for corner profile

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DETAIL DRAWING

CONNECTION PROFILES

Wall connection profile
Wall combi profile

Combi profile

Cover for corner profile
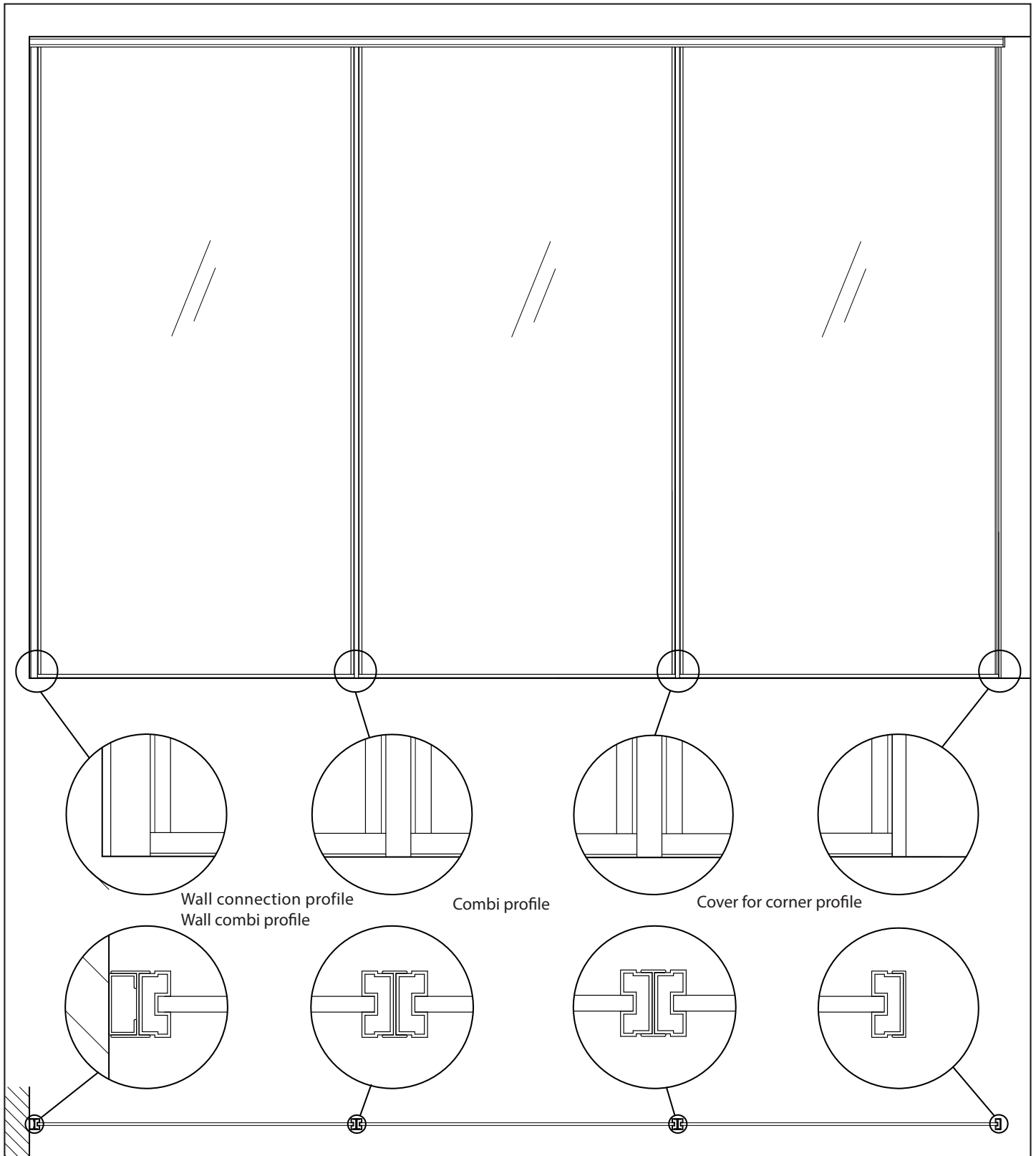
1_ connection profiles

ASSEMBLY INSTRUCTION

FIXED PANEL

Start at the bottom near the center

snip gasket just before the corner and pull around the corner
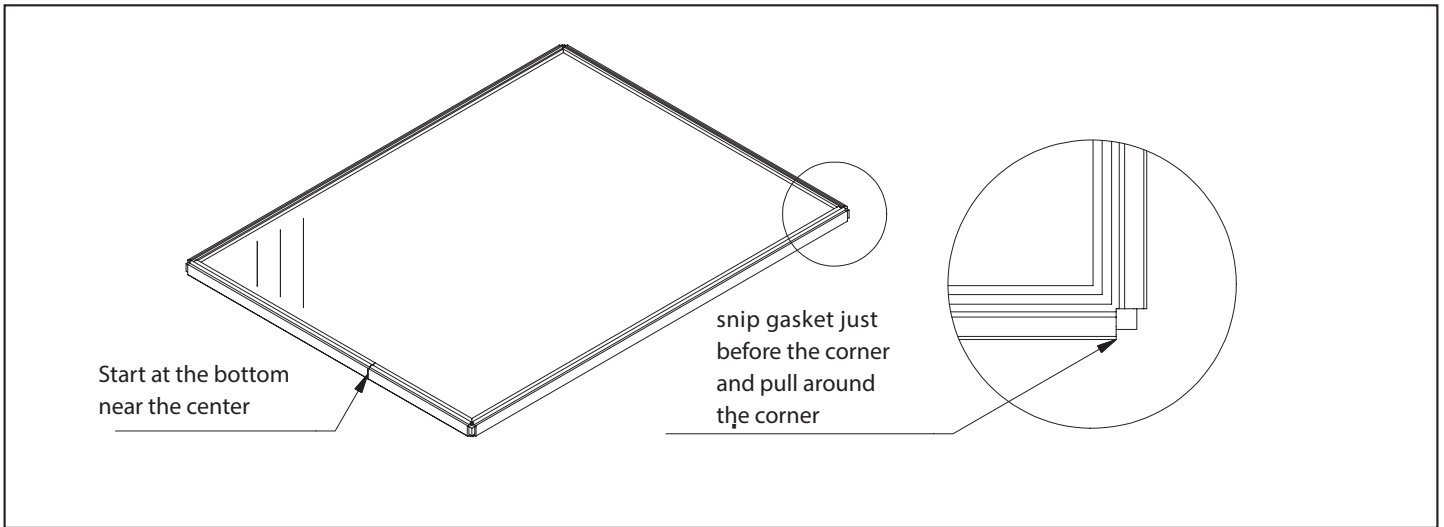
1_ place panel on a table, apply gasket.

apply top rail firmly over gasket and panel

vertical profile

bottom rail

vertical profile

max. 3Nm

5mm
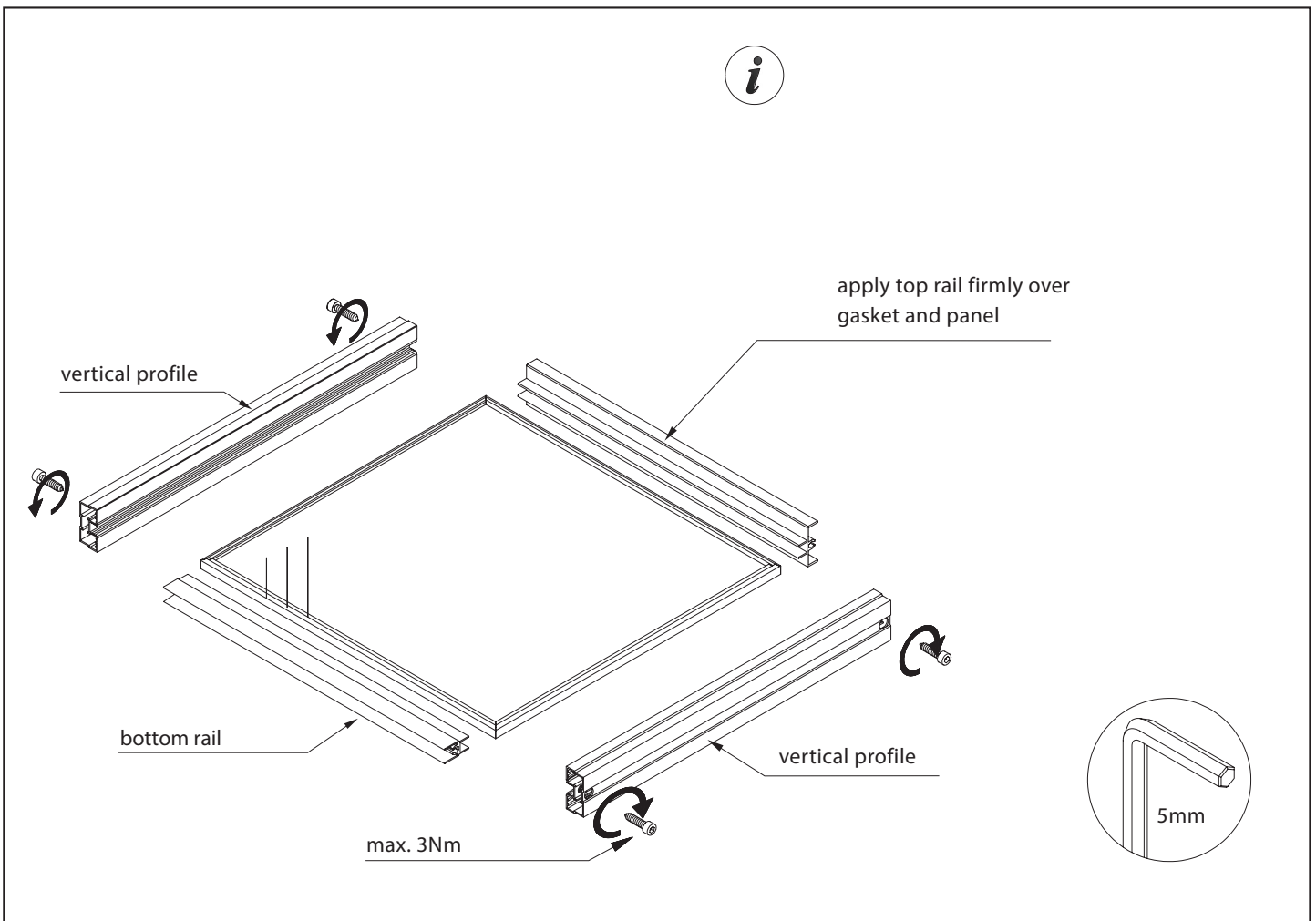
2_apply stiles with rubber mallet, screw together then check with straight edge

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INSTALLATION INSTRUCTIONS

FIXED PANEL WITH SLIDING DOOR

Max 1000mm
[39 3/8"]

Max 300mm
[11 13/16"]

S42 Double top track

Drill top track for fasteners

1_ ceiling connection: continuous top track.   Fasteners not supplied.
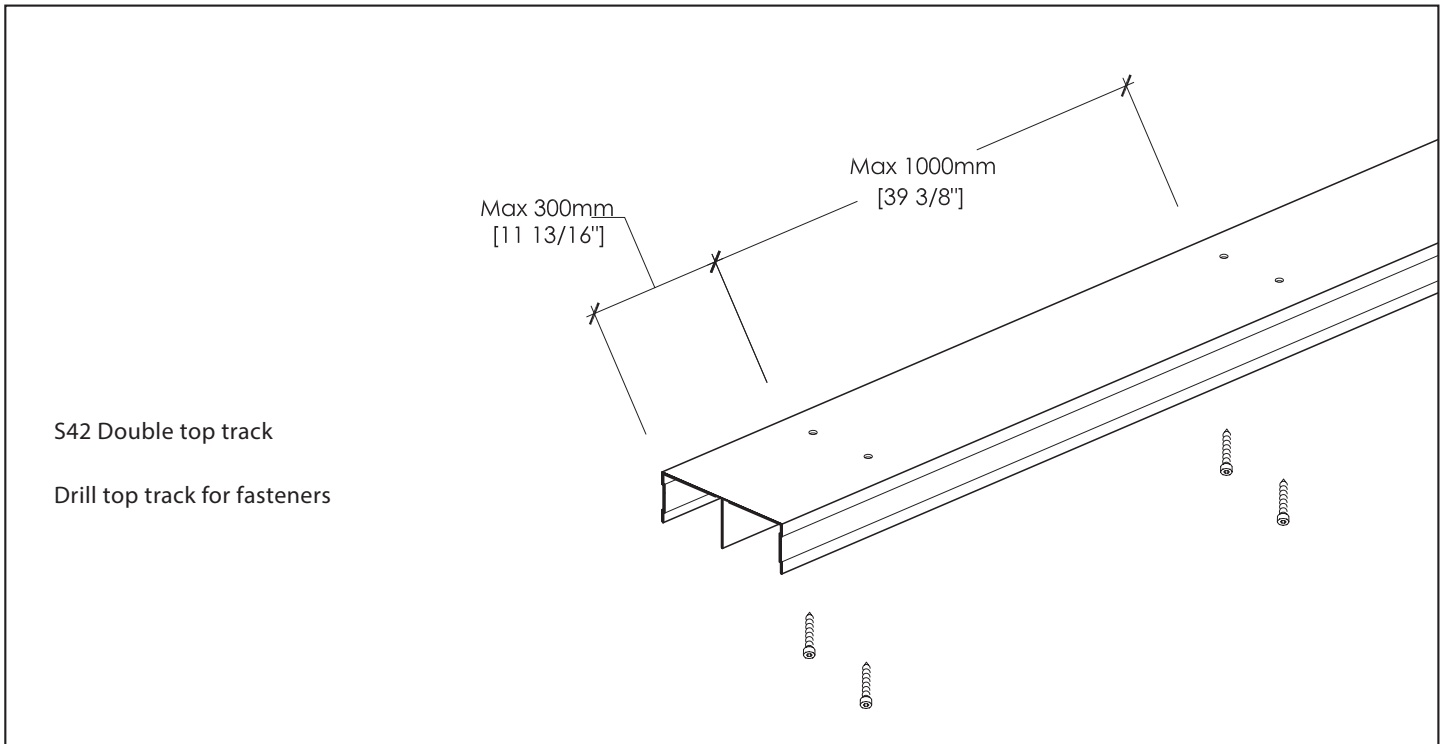
distance to ceiling

max. 1000 mm [39 3/8"]

approx. 30mm at 60mm top track
[1 3/16" - 2 3/8"]
approx. 20mm at 40mm top track
[13/16" - 1 9/16"]

max. 300 mm 11 13/16"

Mount the wall connection profile to the wall. Fasteners not supplied

2_ wall connection profile S1600

Position the wall combi profile over the wall connection profile and adjust it.

level
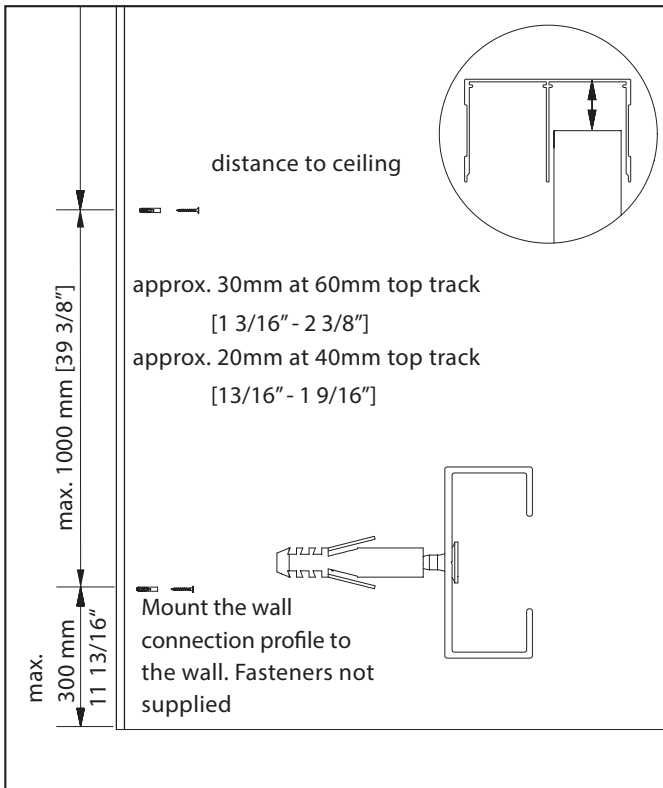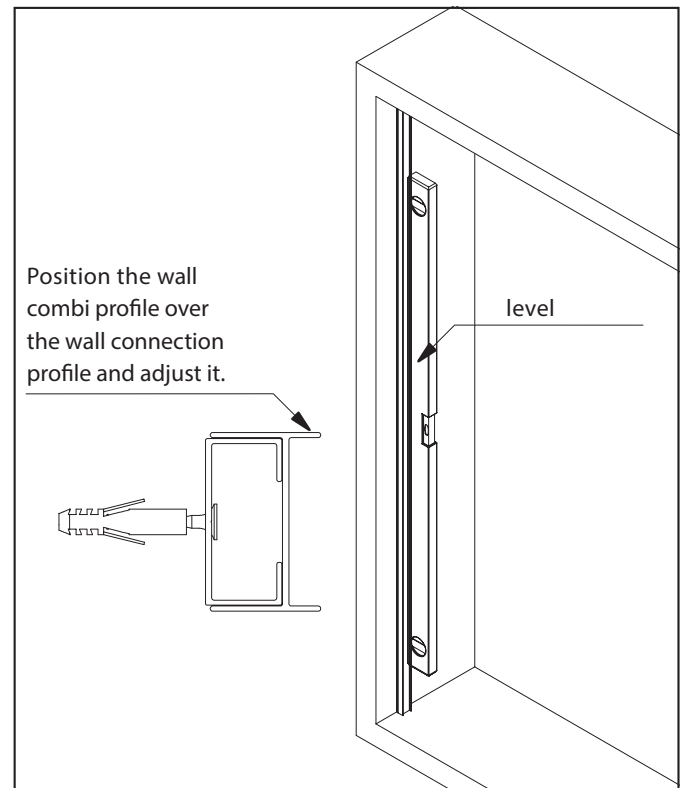
3_ wall combi profile S1600

INSTALLATION INSTRUCTION

FIXED PANEL WITH SLIDING DOOR

partitioning wall length

profile length = partitioning wall length - 66 mm [2 5/8"]

max.
300 mm
[11 13/16]

24

[15/16"]

max. 1000 mm [39 3/8"]

21 [13/16"]

corner profile
S1600 + 47 mm

[1 7/8"]

ground conn.
profile S1600
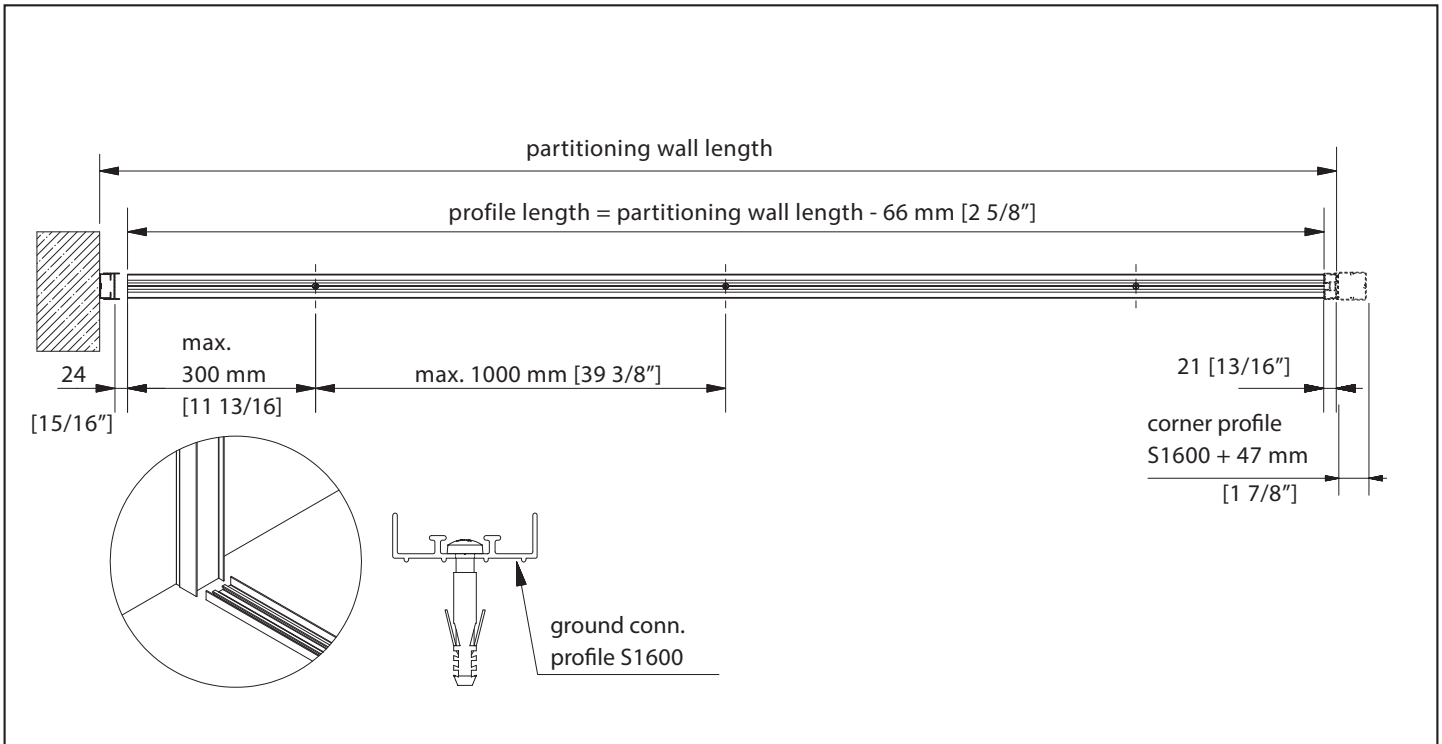
4_ mounting the ground connection profile S1600

i   S1600 Fixed system with one fixed panel

cover for corner
profile S1600

As an alternative, you can use
the S1600 corner profile.
(see Fig. 4)

cover for corner
profile S1600

cover for corner
profile S1600

tape squares

Position of the
screws, see page 20
Fig. 8

fixed panel

profile length = partitioning wall length
- 43 mm [1 11/16"]

cover for corner
profile S1600
+ 3 mm [1/8"]

partitioning wall length

5_ mounting the S1600 ground connection profile

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INSTALLATION INSTRUCTION

FIXED PANEL WITH SLIDING DOOR

i S1600 Fixed panel system with two **wall connections.**

Wall connection profile
Wall combi profile

ground connection = partitioning wall length - 92 mm [3 5/8"]

Fixed wall length

6_ mounting the S1600 ground connection

25
1"

45
1 3/4"

Mounting plate for post

7_ S1600 ground connection and corner profile

Put the ground cover over the ground connection profile.

With the S1600 shims you can adjust the ground cover profile.

ground cover and ground connection profile

8_ S1600 ground cover profile

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INSTALLATION INSTRUCTION

FIXED PANEL WITH SLIDING DOOR
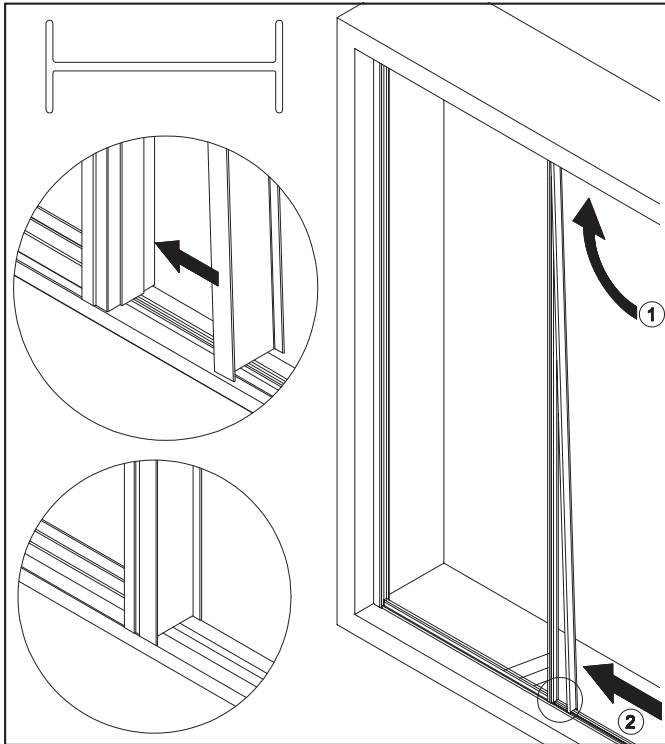
Apply the double sided tape squares over the whole length of the S1600 stiles ⚠️
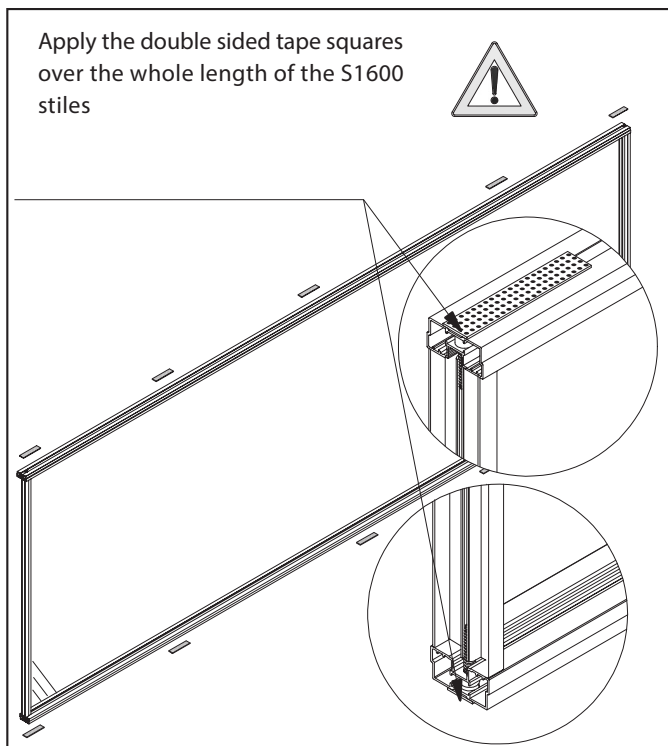
9_ attach the double sided tape

Apply the brush gasket on one side of the top rails S1600.

10_ apply the brush gasket

ⓘ Remove the protective film from the double sided tape, before installing the fixed element. # 4.
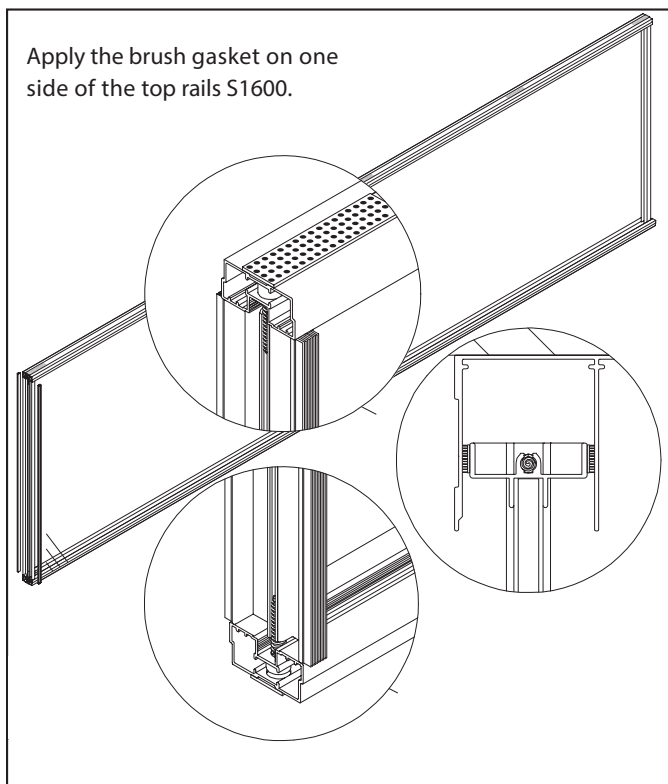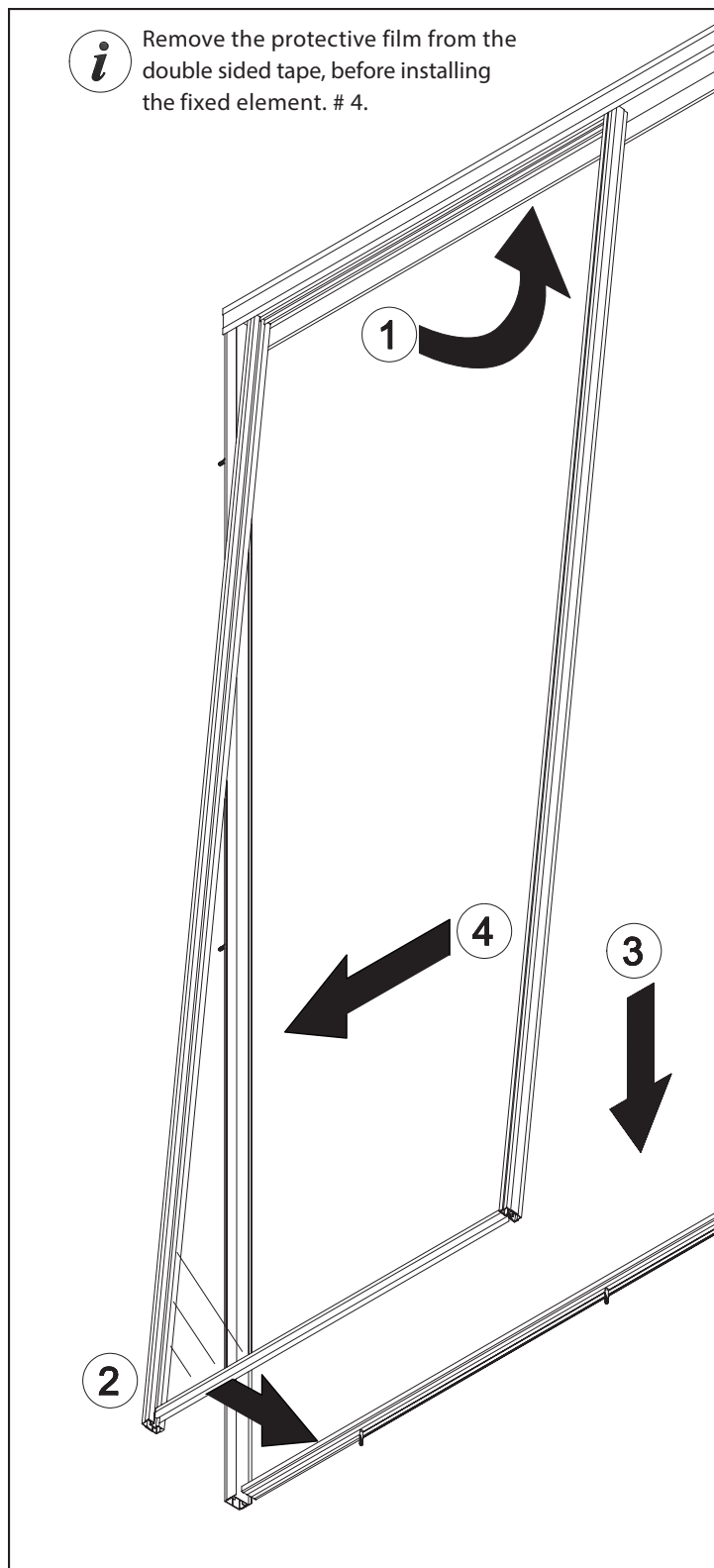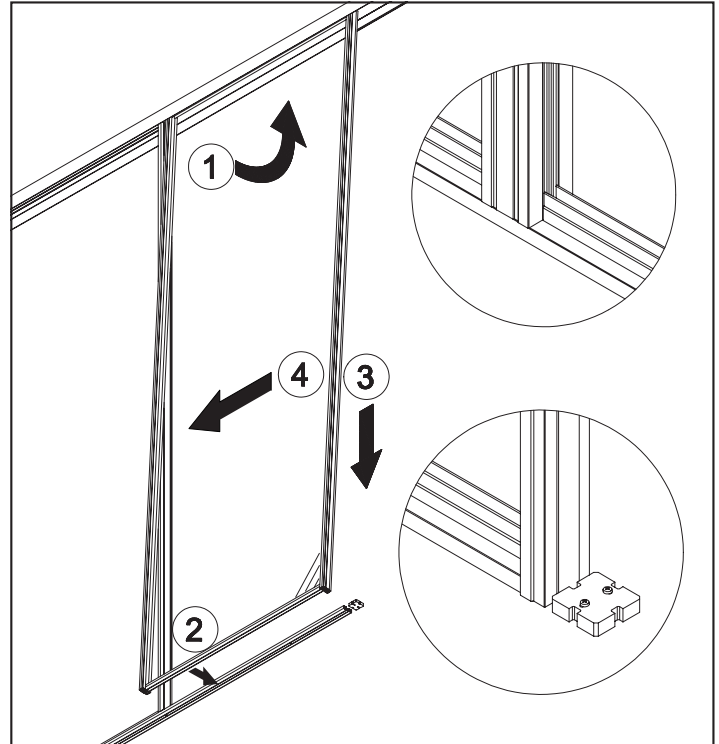

11_ position the fixed panel
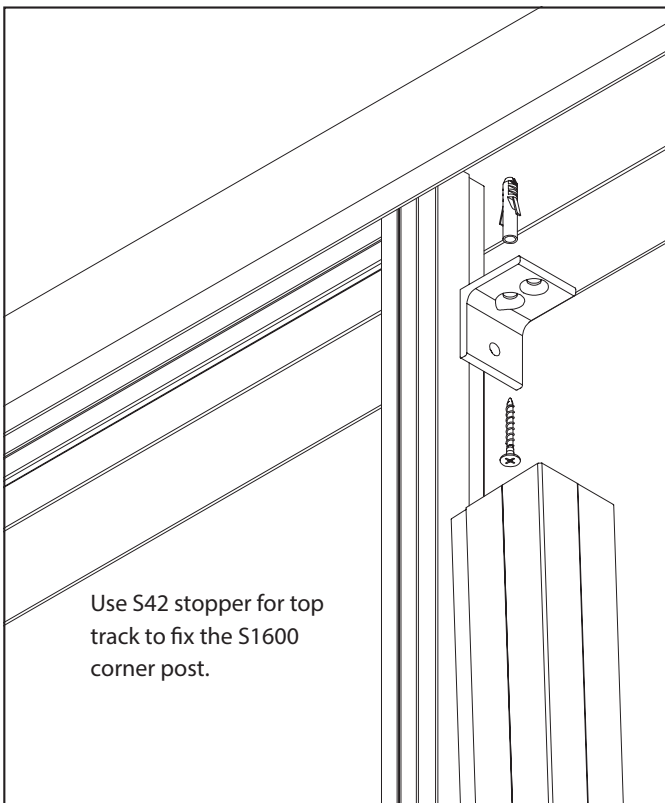
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INSTALLATION INSTRUCTION

FIXED PANEL WITH SLIDING DOOR

12_ positioning of the S1600 combi profile

13_ insert the second fixed panel

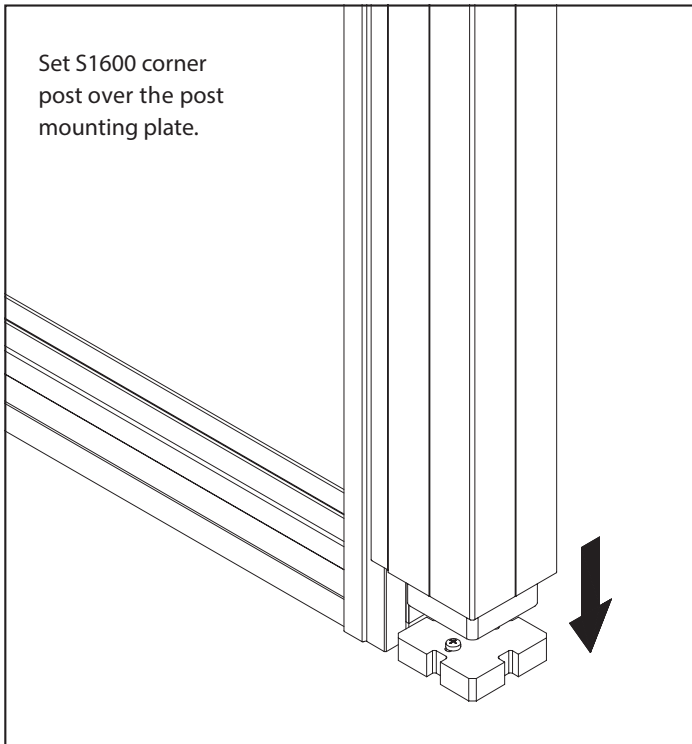
Use S42 stopper for top track to fix the S1600 corner post.
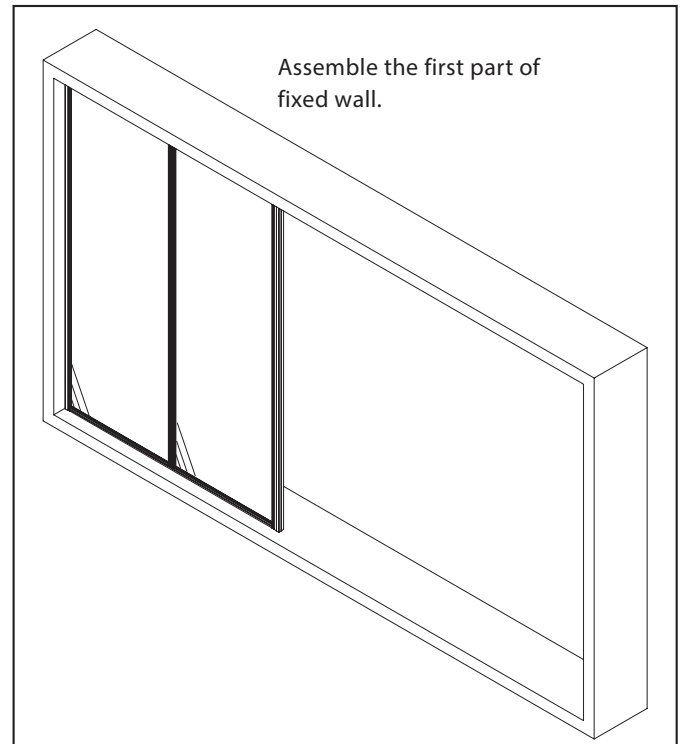
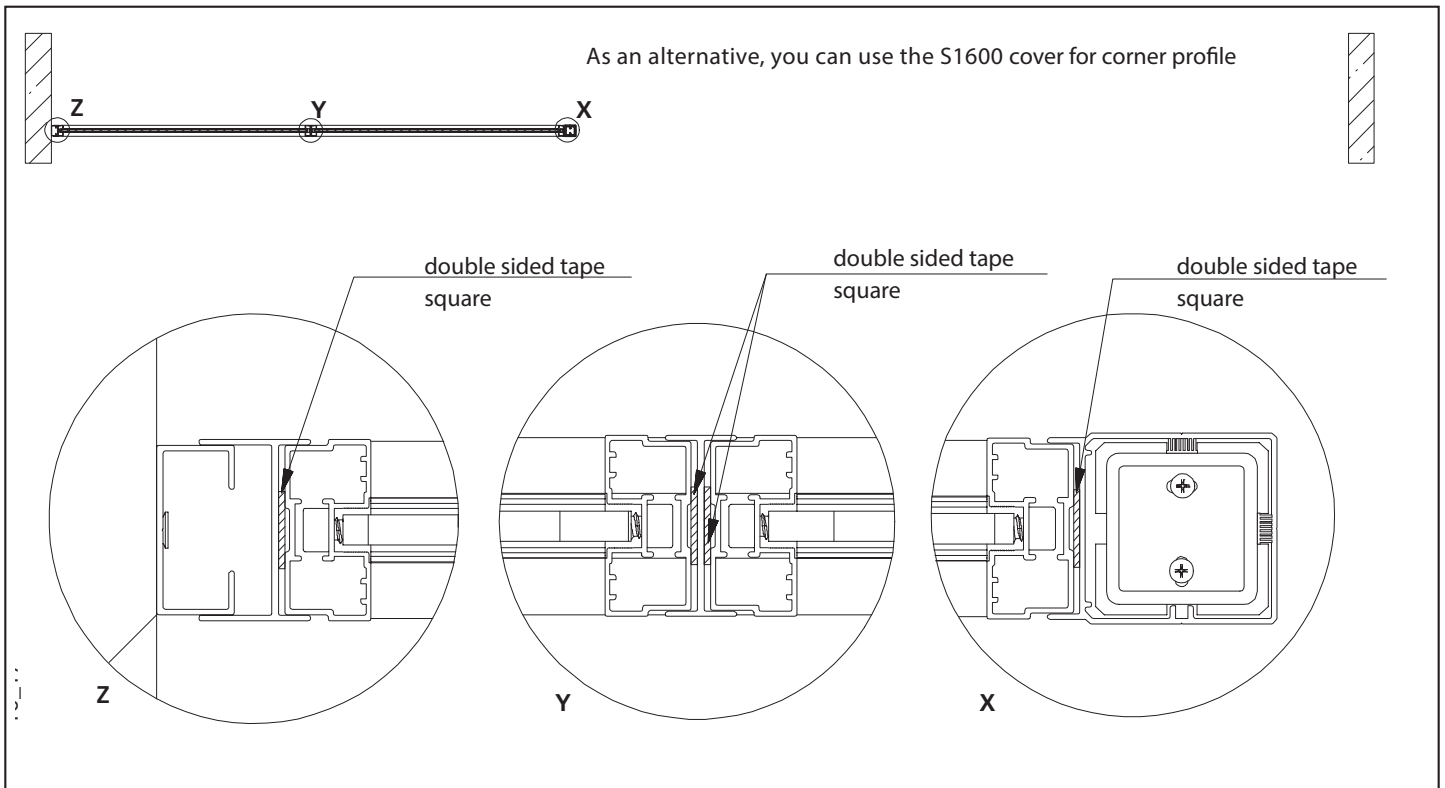14_ fix the S1600 corner profile

INSTALLATION INSTRUCTION
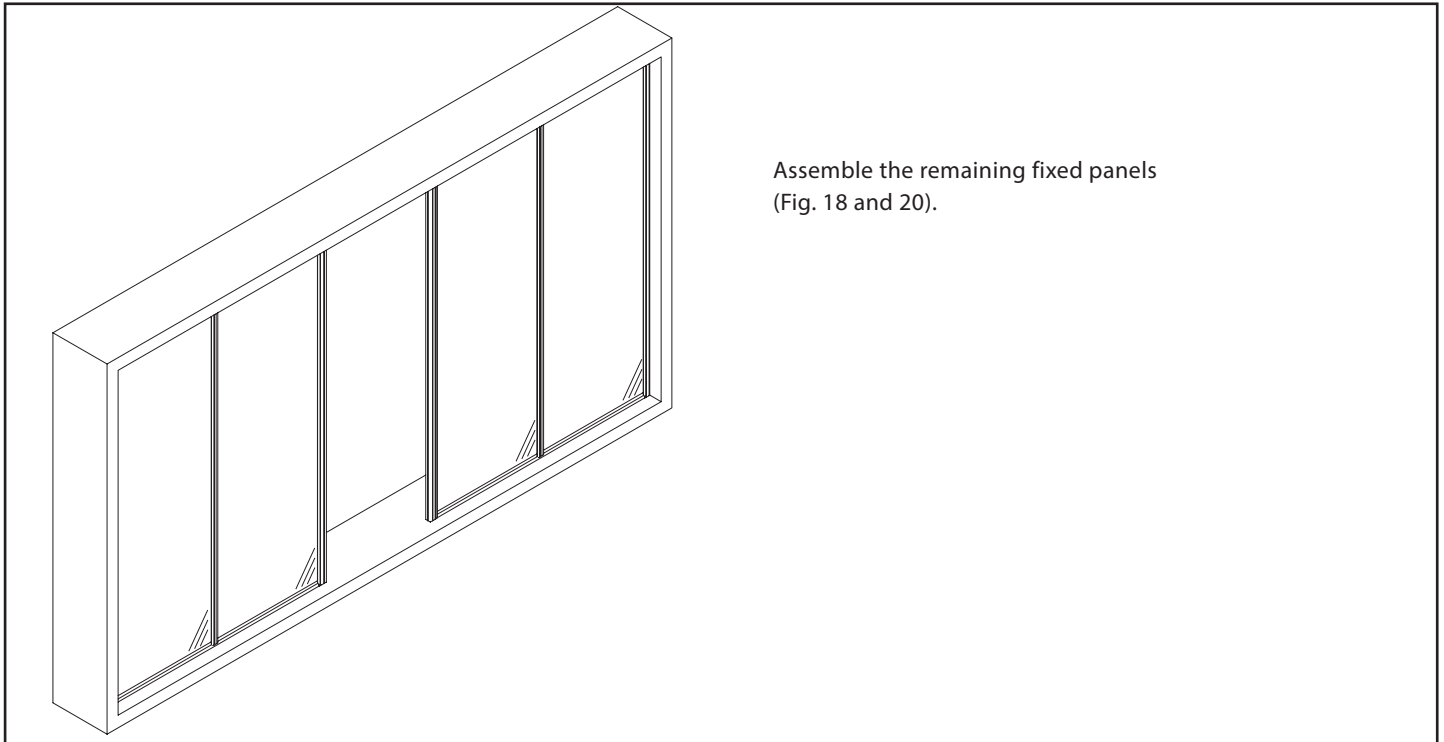
FIXED PANEL WITH SLIDING DOOR

Set S1600 corner post over the post mounting plate.

Assemble the first part of fixed wall.

15_ set the S1600 corner profile

16_ S1600 Fixed panel system

As an alternative, you can use the S1600 cover for corner profile

Z   **Y**   **X**

double sided tape square

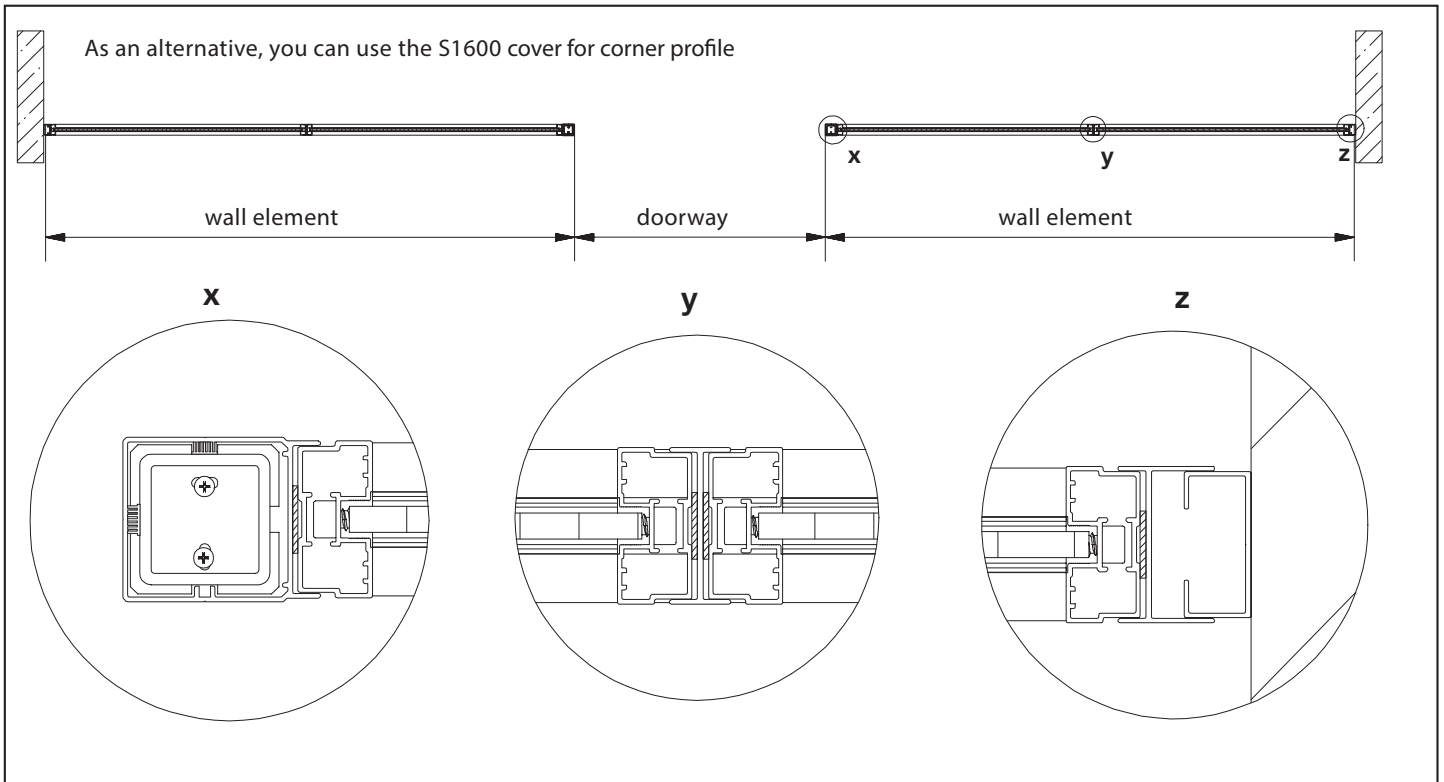double sided tape square

double sided tape square

Z

Y

X
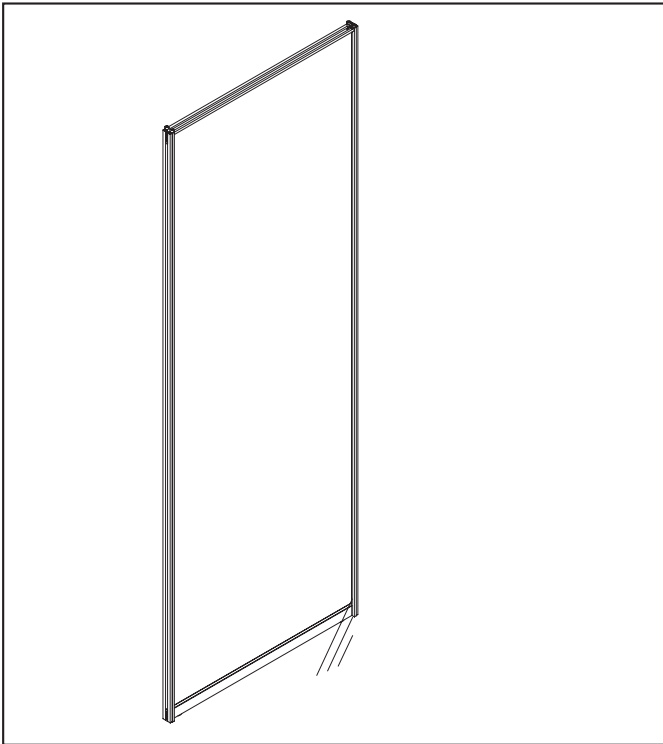
17_ overview of the wall connections and profile connections

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INSTALLATION INSTRUCTION

FIXED PANEL WITH SLIDING DOOR

Assemble the remaining fixed panels
(Fig. 18 and 20).

18_ S1600 Fixed system

As an alternative, you can use the S1600 cover for corner profile

x   y   z

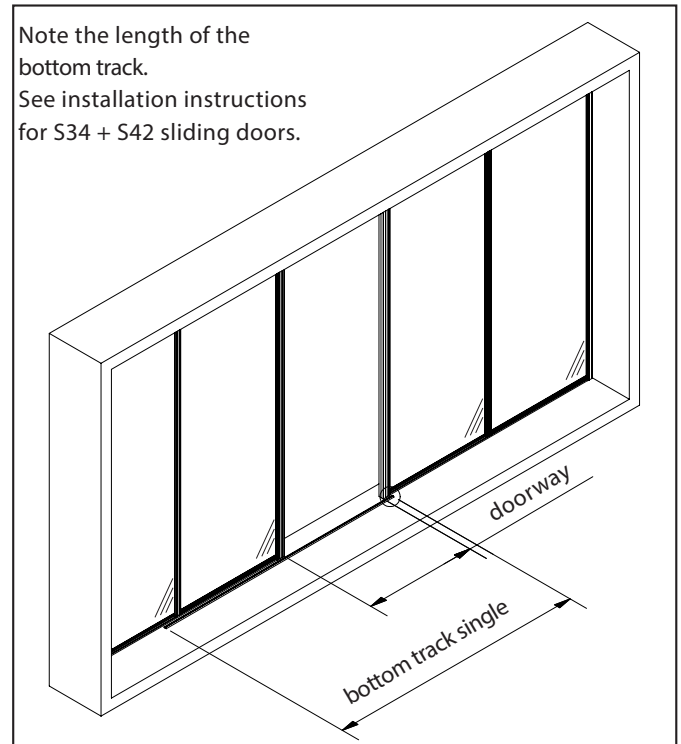wall element   doorway   wall element

x   y   z

19_ overview of the wall connection and profile connections

INSTALLATION INSTRUCTION

FIXED PANEL WITH SLIDING DOOR
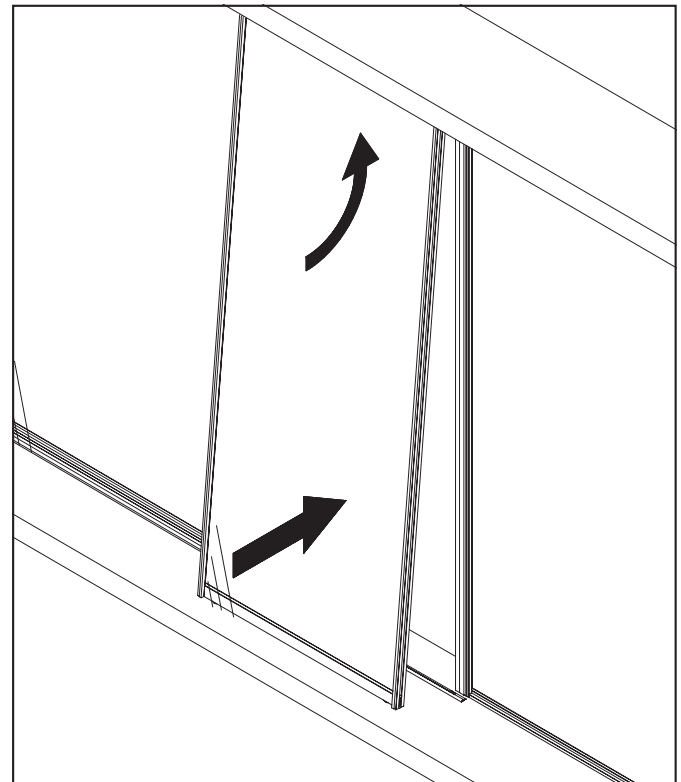

1_ S42 sliding door

Note the length of the
bottom track.
See installation instructions
for S34 + S42 sliding doors.

doorway

bottom track single

2_ assembling the bottom track

overlapping

46,5 [1 13/16"]

12 [1/2"]
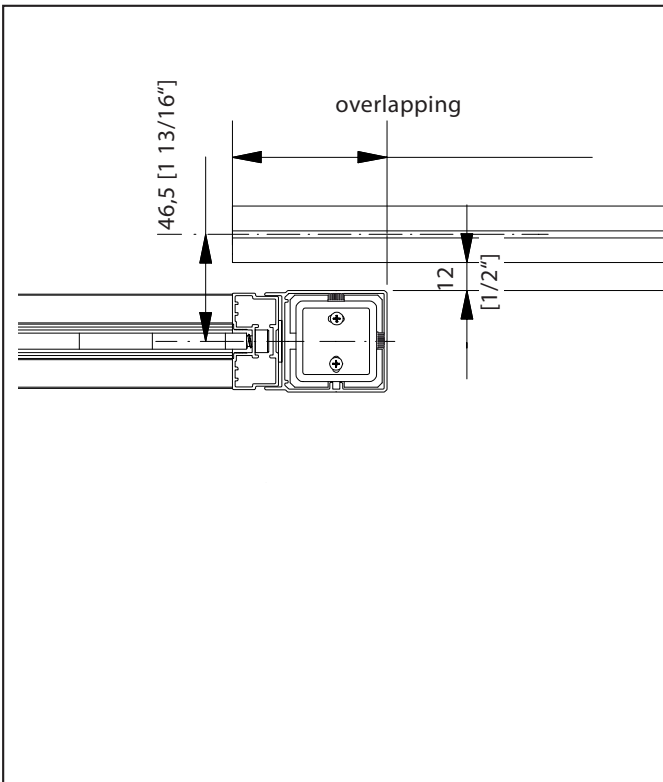
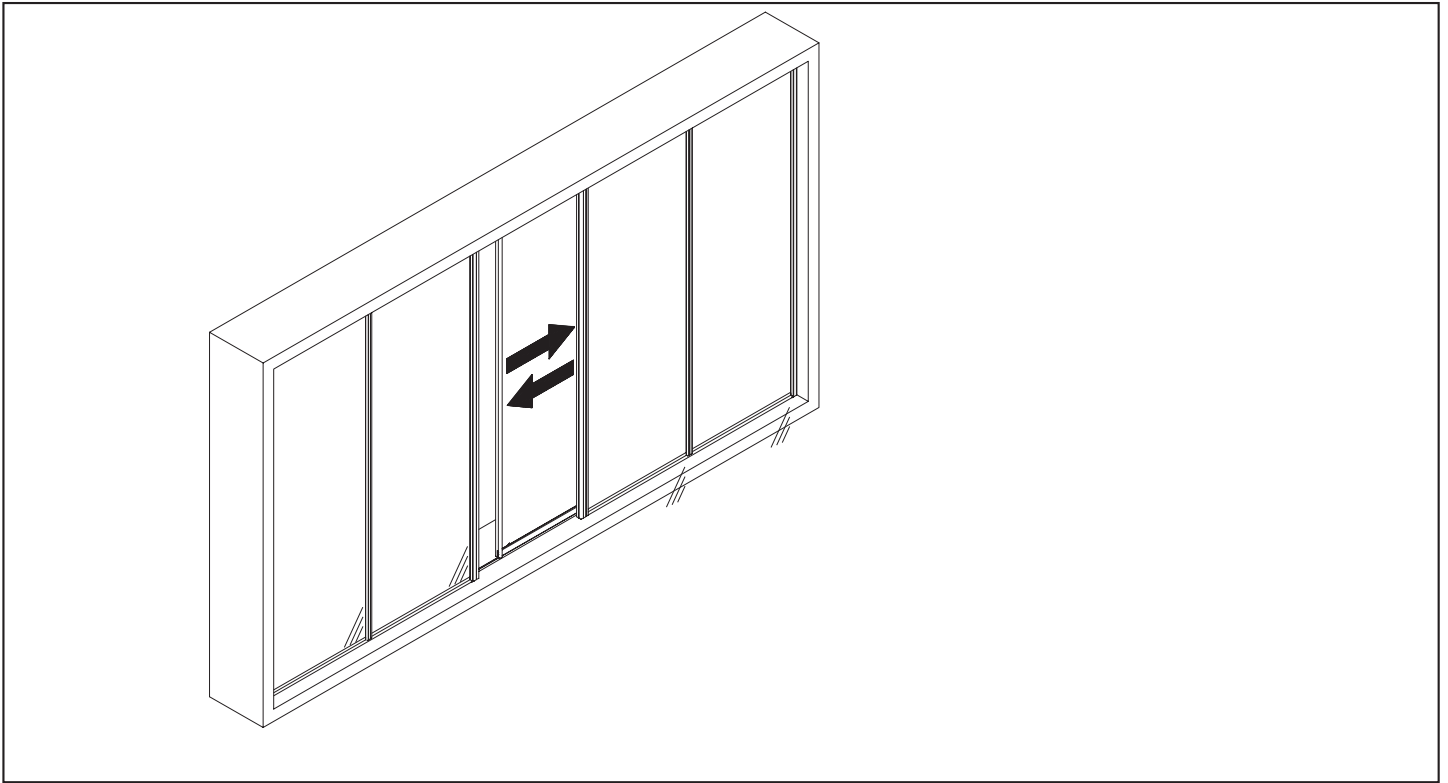3_ position of the bottom track

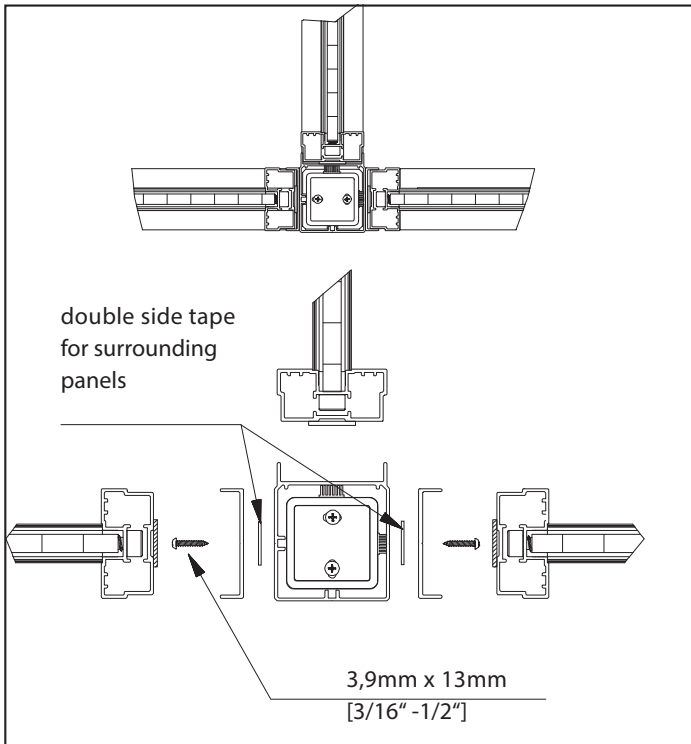4_ positioning of the sliding door

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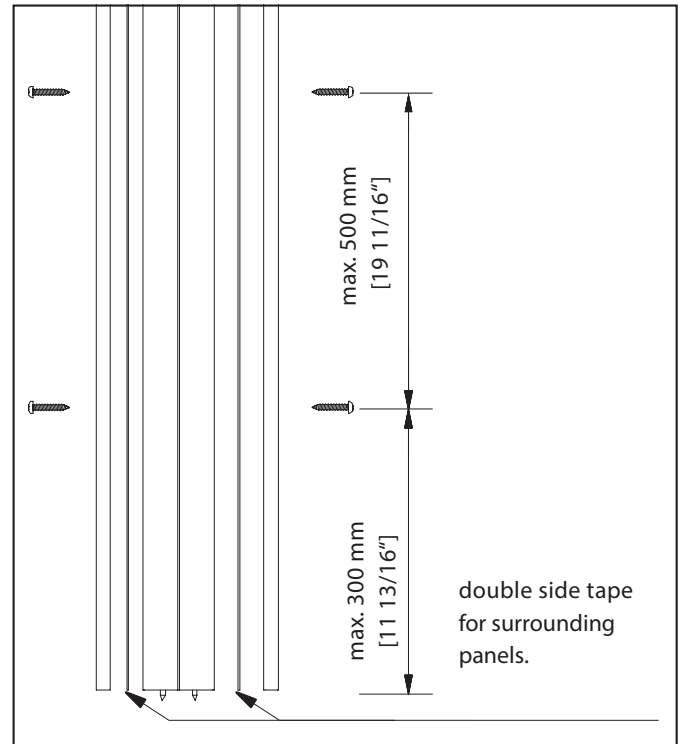
INSTALLATION INSTRUCTION

FIXED PANEL WITH SLIDING DOOR

5_ test the function of the door.
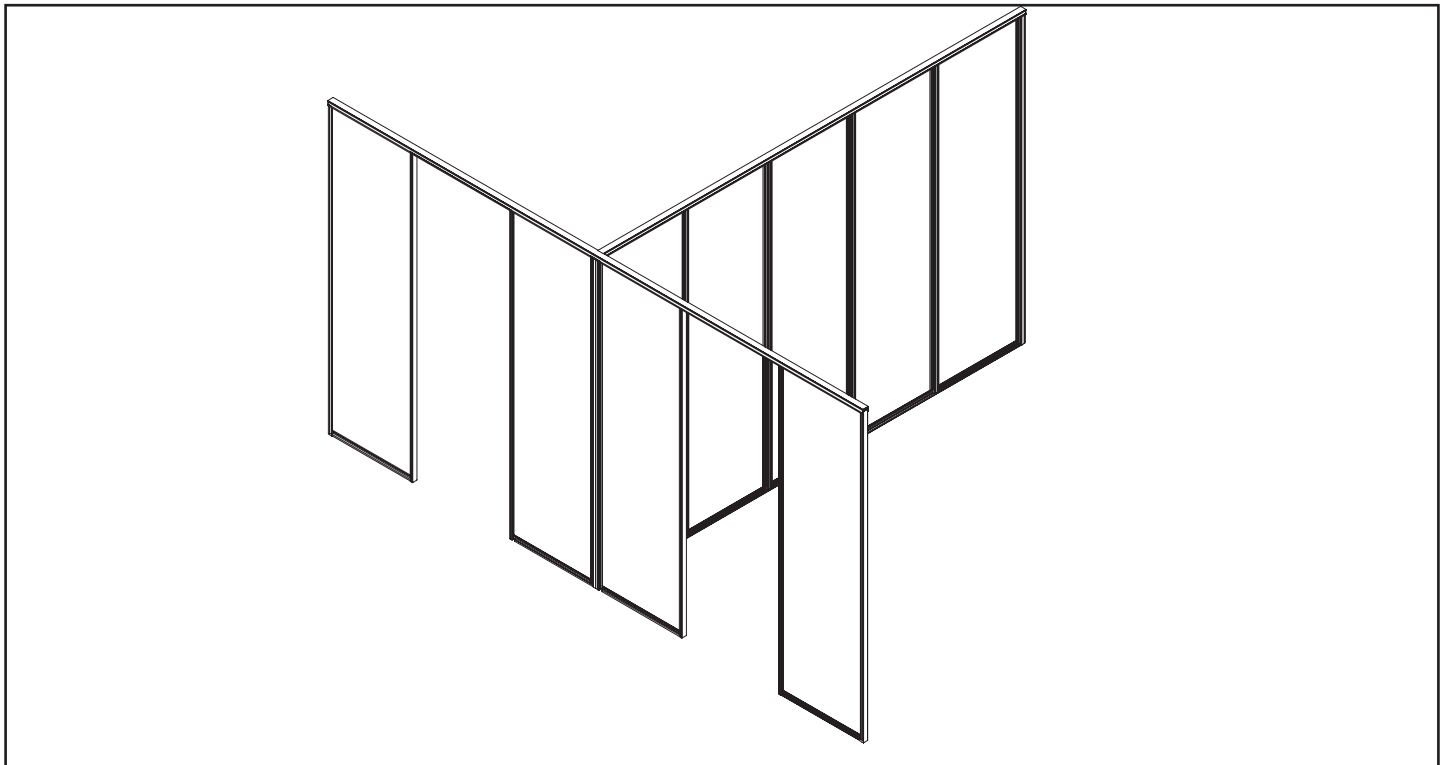
INSTALLATION INSTRUCTION

FIXED PANEL WITH SLIDING DOOR

double side tape
for surrounding
panels

3,9mm x 13mm
[3/16" -1/2"]

6_ assembling / detail drawing

max. 500 mm
[19 11/16"]

max. 300 mm
[11 13/16"]

double side tape
for surrounding
panels.

7_ distance of the screws

8_ assembling examples

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