SLIDING DOOR SYSTEM:
INSTALLATION INSTRUCTIONS
HOW TO INSTALL A SLIDING DOOR (S34 + S42)

V2018.1

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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 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 (S34 + S42)" describes the process of installing an S34 or S42 bottom rolling system.

For other instructions, please see:
HOW TO ASSEMBLE A SLIDING DOOR (S34 + S42)

INSTALLATION INSTRUCTIONS_S34/S42 WALL-MOUNT END CAPS + L-BRACKET
INSTALLATION INSTRUCTIONS_S34/S42 TOP TRACK POSITIONING
INSTALLATION INSTRUCTIONS_S34/S42 TOP AND BOTTOM TRACK CONNECTORS
ASSEMBLY INSTRUCTIONS_S34/S42 STOPPER FOR TOP TRACK + END CAP
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: 180 kg [390 lbs]

TOOLS:

pencil and masking tape
drill and drill bits
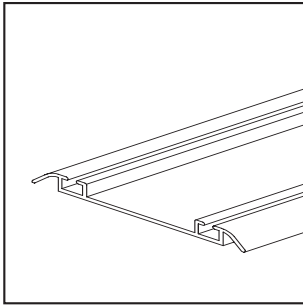screwdriver (phillips)
metric allen-key set
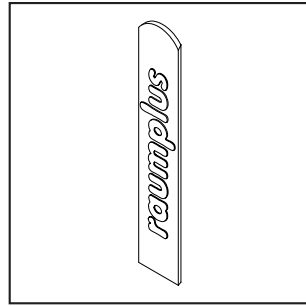level
white rubber mallet
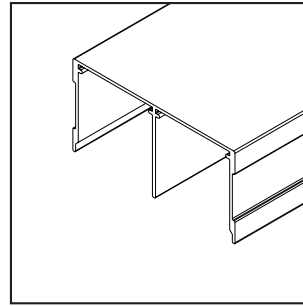metal saw
plumb-line (optional)
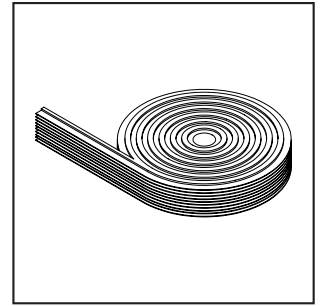
TRACKS_S34/S42

1_

4_

2_

3_

1_ Bottom track_supplied with double sided adhesive tape (if applicable). Bottom tracks ships 50mm [2"] over-sized to ensure tight fit, unless otherwise requested. (fig.1,Double surface track).

2_ Top Track_to be mounted to ceiling. Top tracks ships 50mm [2"] over-sized to ensure tight fit unless otherwise requested. (fig.2, Double top track).

3_ Brush gasket_provides a dust seal between wall and door when applied to door stile. Optional rubber gasket may be specified instead of brush gasket.

4_ Plugs_adhesive plugs to cover frame and wheel-adjustment holes.

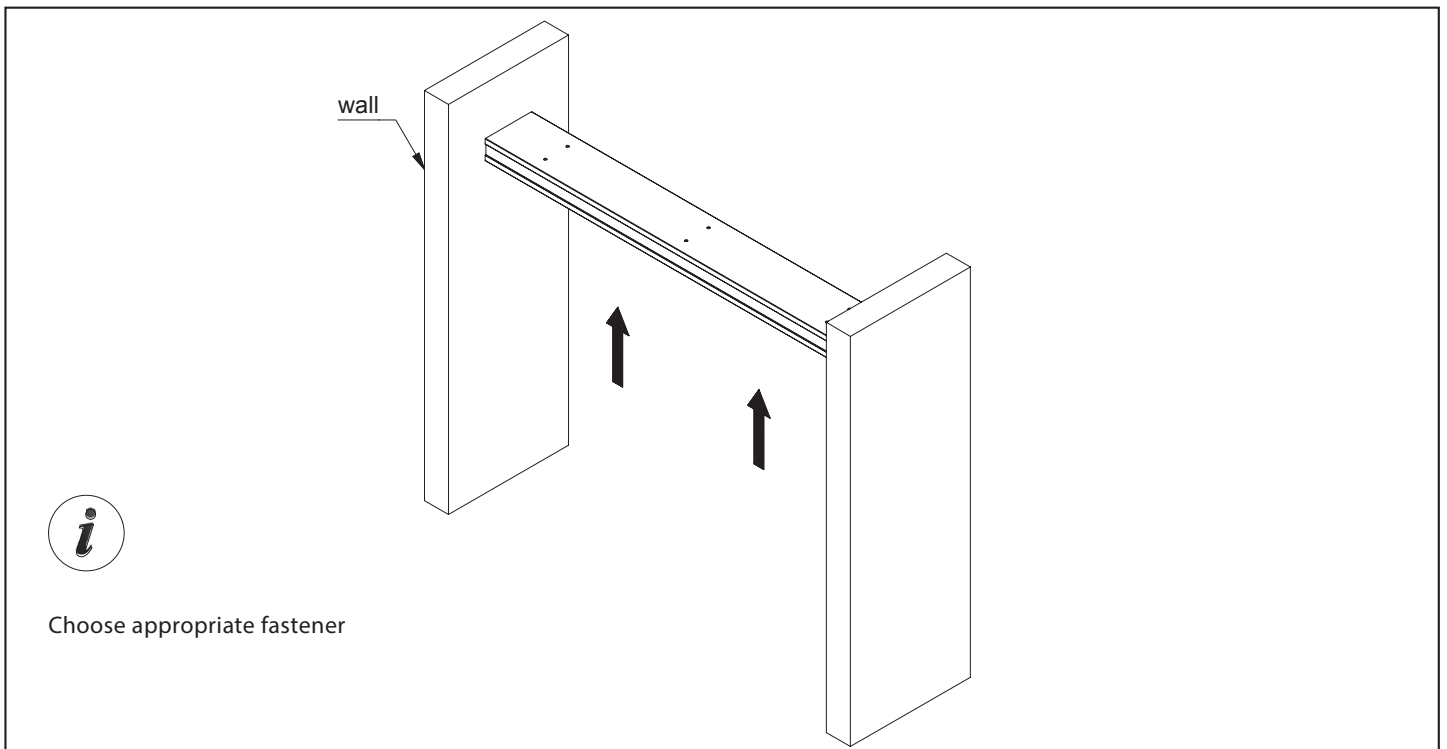
Note: Top and bottom tracks are available in many variations, please consult your product guide for details.

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INSTALLATION_S34/S42

PREPARE / MOUNT TOP TRACK:

| 102mm [4"] | drill hole every 1016mm [36"] | 102mm [4"] |

.5mm
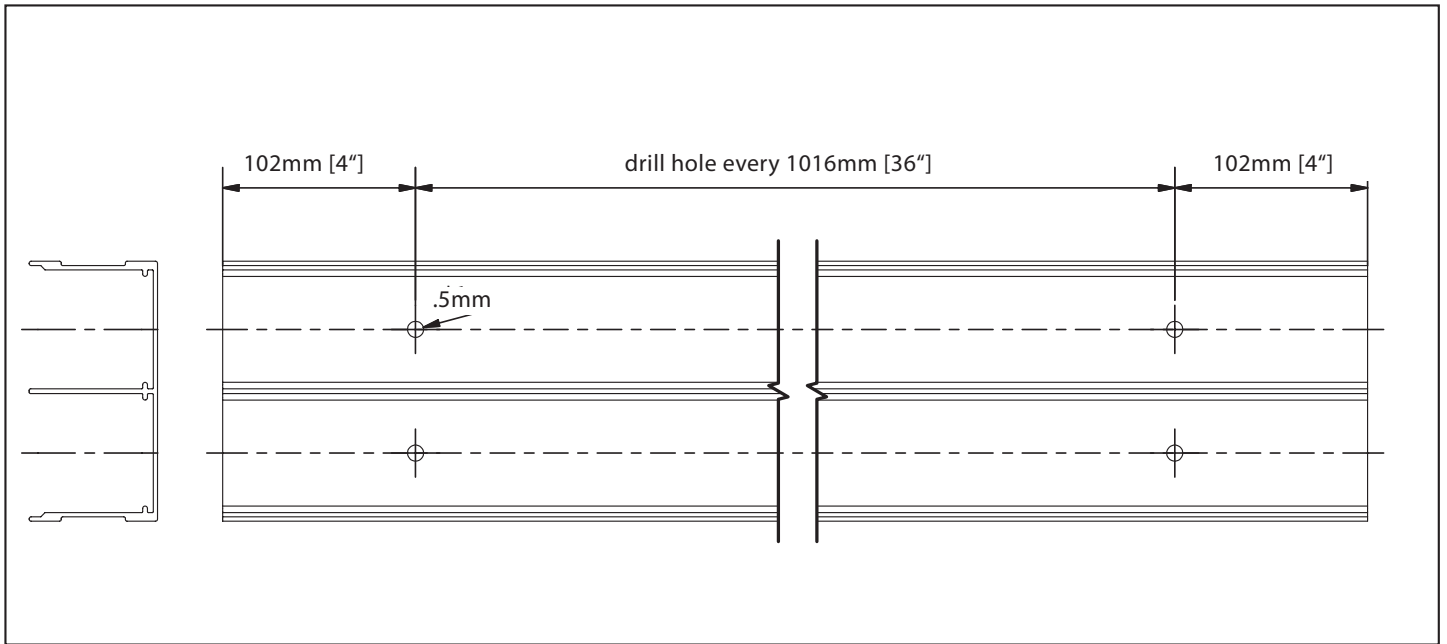
1_ cut top track to final dimension and drill holes.

wall

ⓘ

Choose appropriate fastener

2_ drill holes and mount top track (fig.2 without ceiling)

INSTALLATION_S34/S42

SHORTEN BOTTOM TRACK / MARK POSITION:

If using an insert track or
tile channel the position is to be
located by plumb line.

Do not affix
bottom track on
the floor yet!
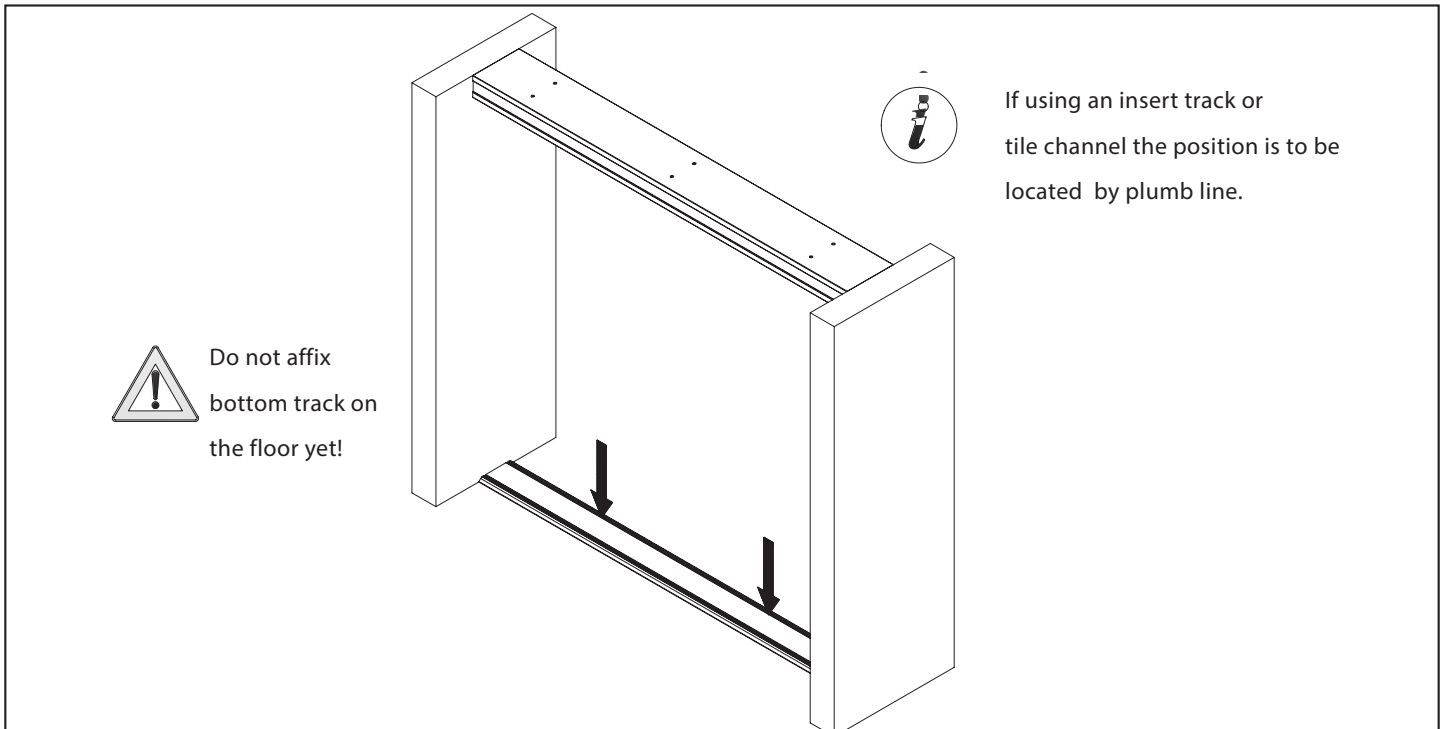
3_ cut bottom track to final dimension and position it nearly under the top track

top track double

water level

When inserting
the sliding door
push up
bottom rollers!

1.

bottom track double
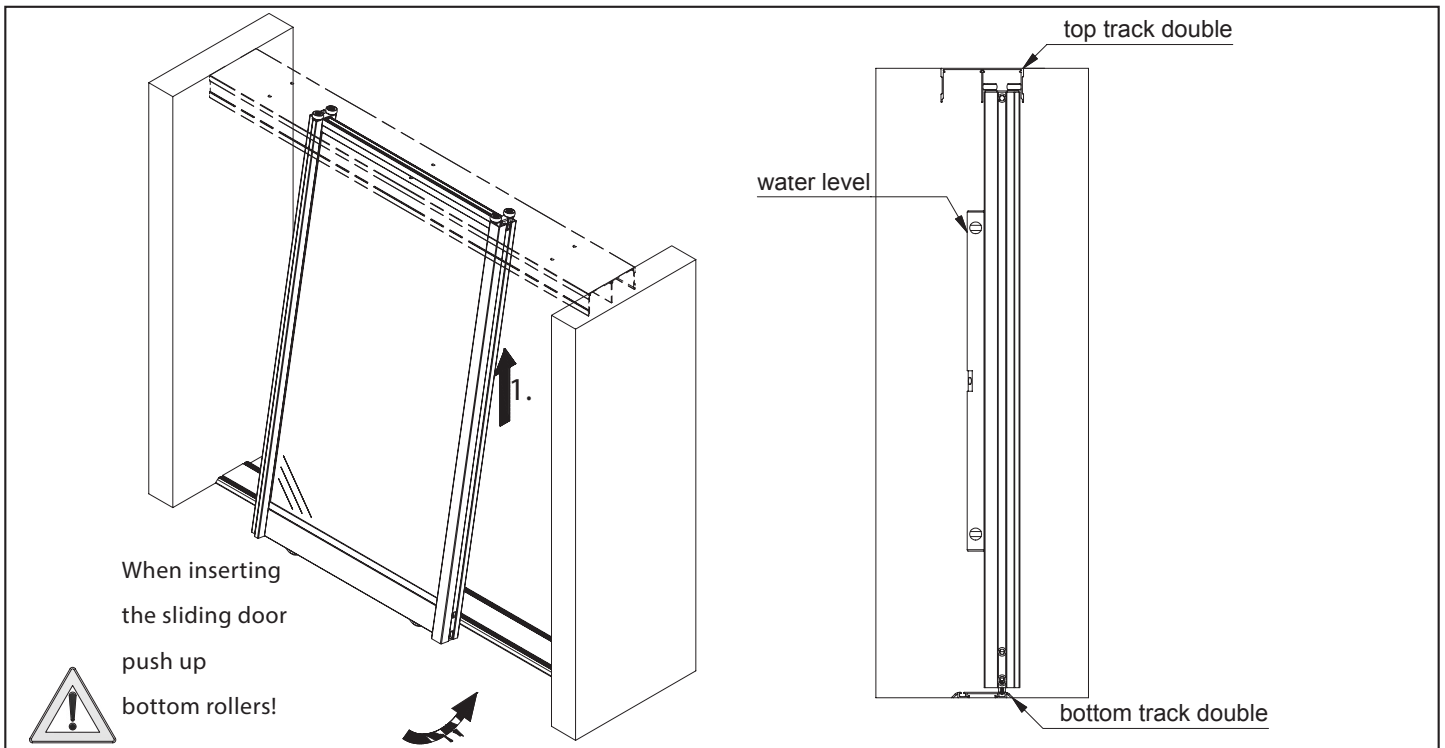
4_ insert sliding door, align perpendicular by moving bottom track, mark position with masking tape

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INSTALLATION_S34/S42

AFFIX BOTTOM TRACK / INSERT DOOR:

i If using carpet track, insert track or tile channel; the carpet, wood floor or tiles must be cut-to bottom track.
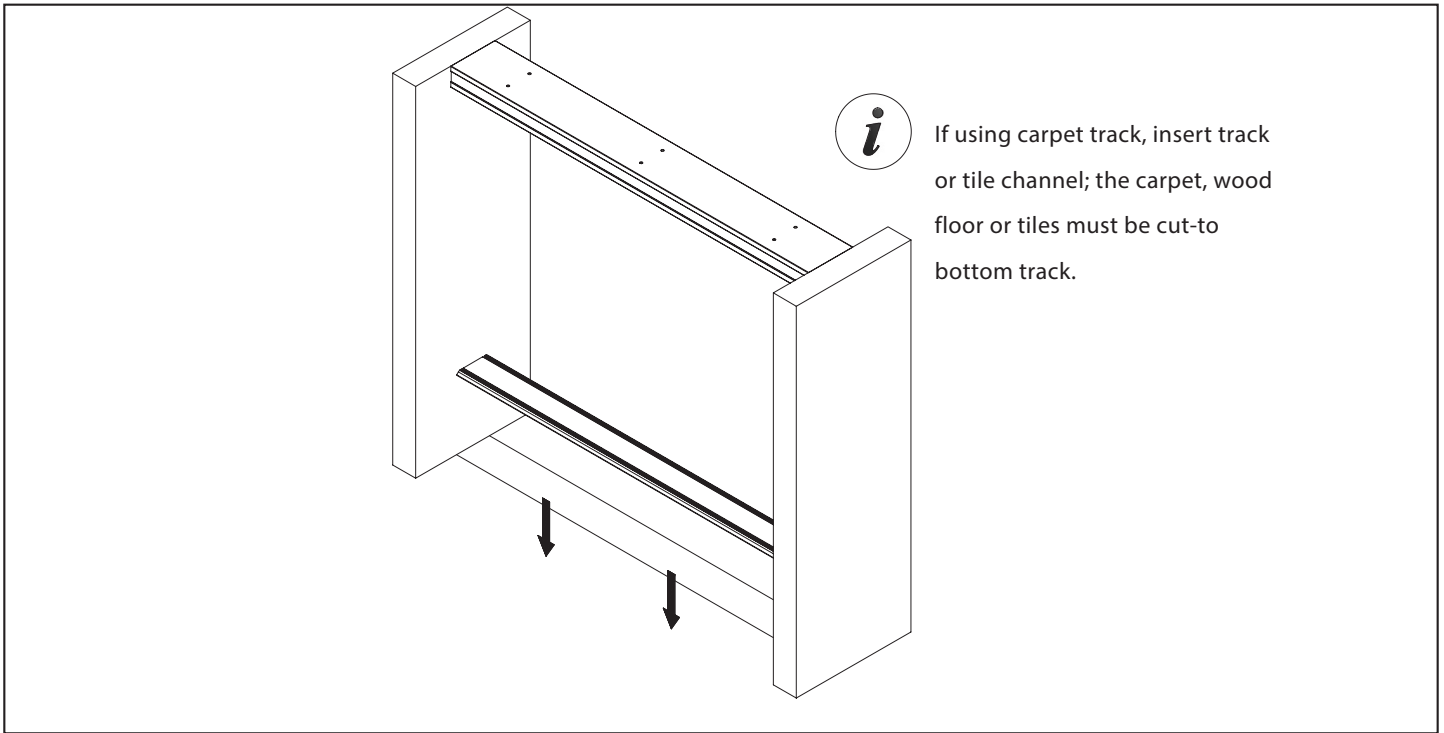
5_ remove sliding door, clean floor surface and install bottom track at marked position

Please note that, if installing multiple doors in an opening, doors do not connect to one another. Doors move independently within the opening.

1.

When inserting the sliding door push up bottom rollers!
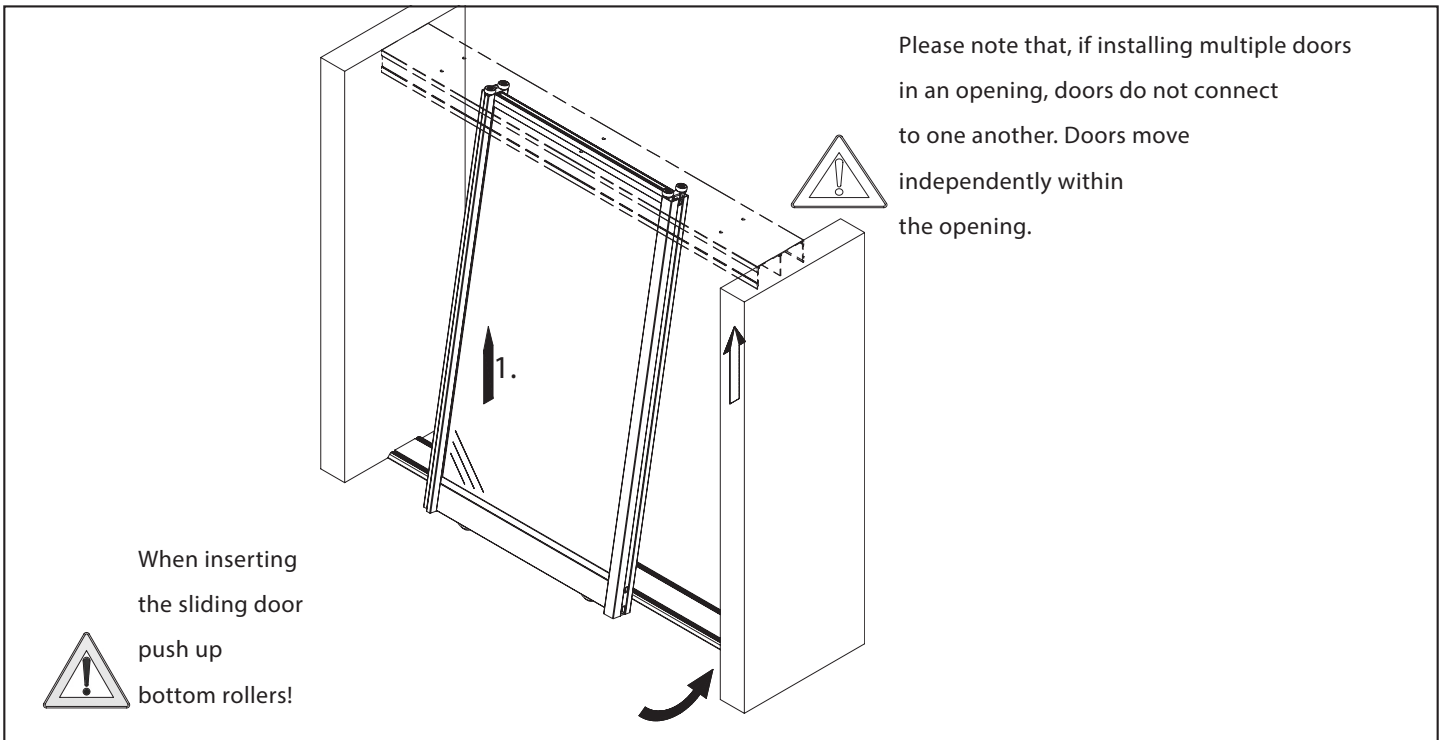
6_ install sliding door

ADJUST DOOR / APPLY BRUSH GASEKET:

Adjust door up or down with
allen wrench
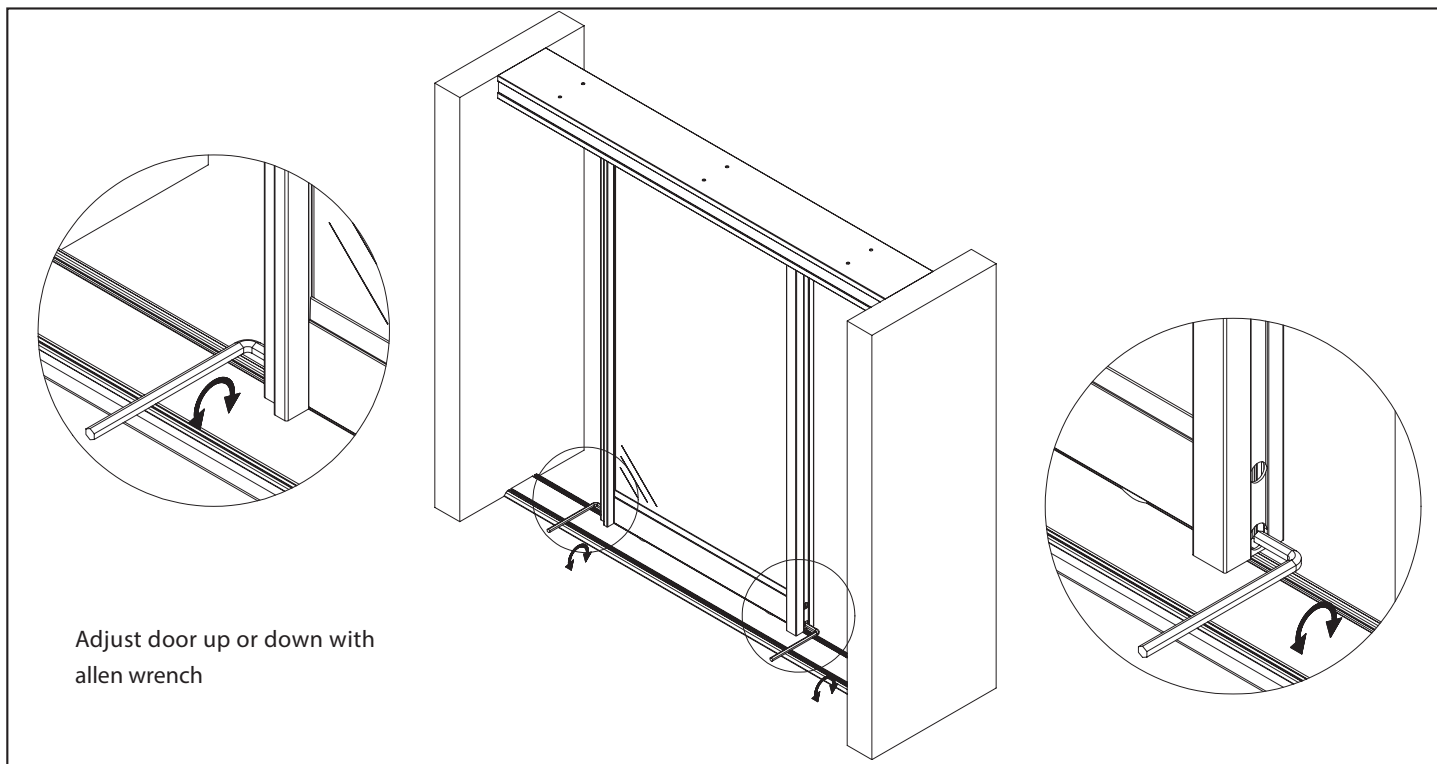
7_ level sliding door
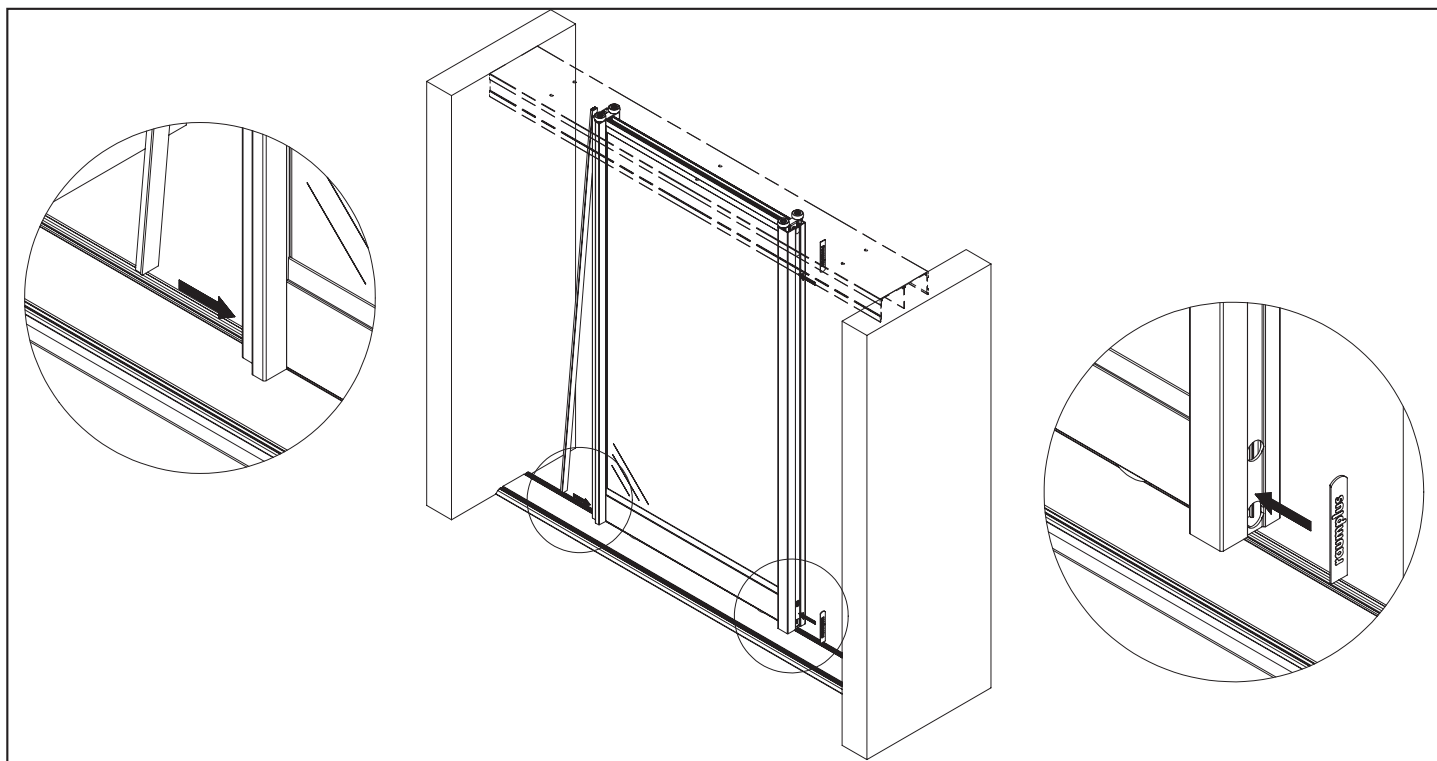
8_ install plugs for punch holes and brush gasket (details see page 09)

POSITION FOR BRUSH GASKET:

1. Example

2. Example
   stile reversed

3. Example
   stiles mixed

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.

Clip

15_ positions of brush gasket

ASSEMBLY_S34/S42

90°- / 135°-CORNER SOLUTION:
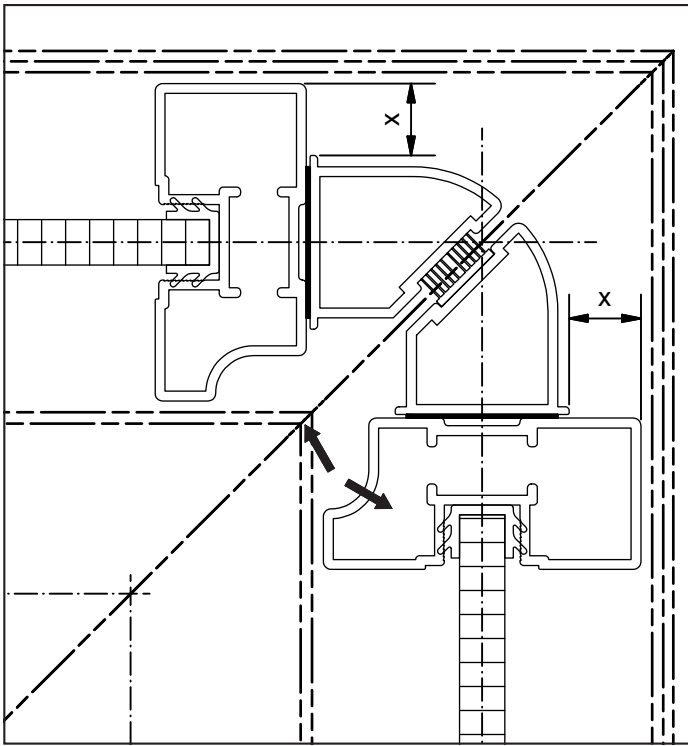
2_ 90°-corner solution (S1500 shown)
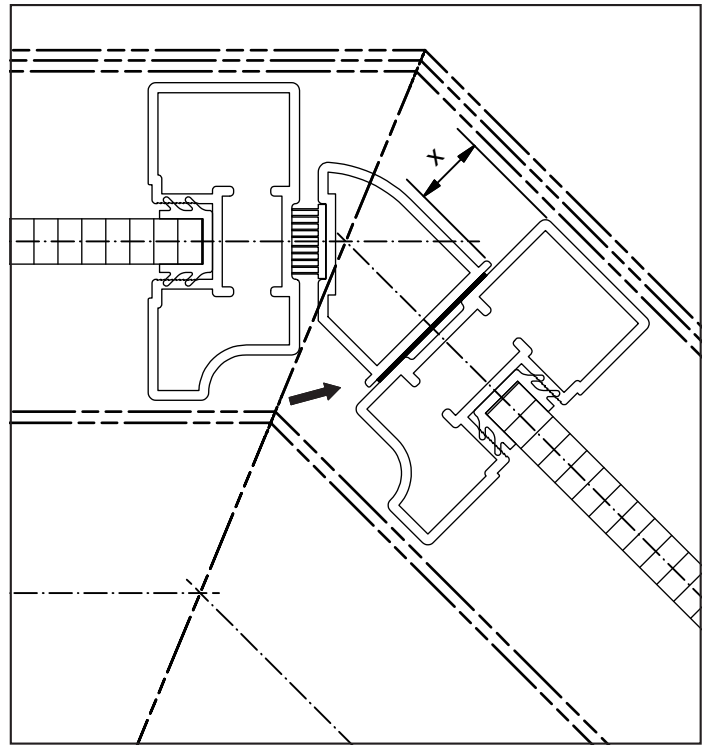
3_ 135°-corner solution (S1500 shown)

30 [1 3/16"]

(i)

INFORMATION: The corner profiles are to be applied to the vertical profiles with double-sided adhesive tape. (fig.2 and 3).

At the 135°-corner solution only one corner profile is required.

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DETAIL DRAWING_S42

POSITIONS OF BOTTOM TRACK S42:

144 [5 11/16"]

97 [3 13/16"]

50 [2"]

40 or 60
[1 9/16"] [2 3/8"]

45
[1 3/4"]

13 [1/2"]

21 [13/16"]

15 [9/16"]

11 [7/16"]

10 [3/8"]   Note: Tile Channel may require shim to reach desired height

19 [3/4"]

25 [1"]

46 [1 13 16"]

17   30

72 [2 7/8"]

118 [4 5/8"]

[11/16"] [1 3/16"]

S1500, S3000
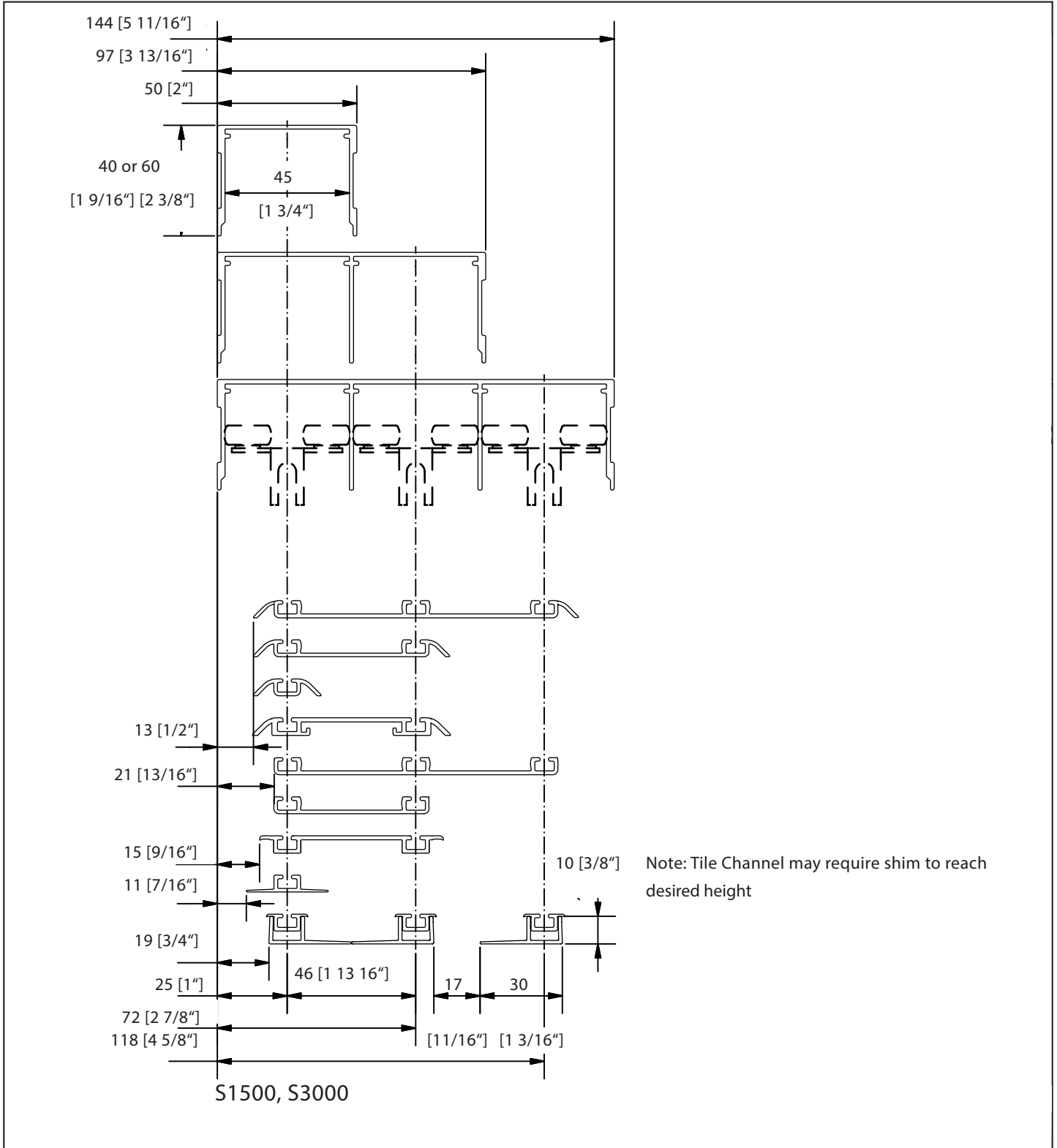
DETAIL DRAWING_S42

OVERVIEW OF BOTTOM TRACKS S42

Bottom track double surface 14.06.020

71 [2 13/16"]

A) bottom track double, surface S42

6
[1/4"]

[2 13/16"] 71

Bottom track double insert 14.66.020

56 [2 3/16"]

C) bottom track double, insert S42

6
[1/4"]

[2 3/16"] 56

Insert cover for bottom track 14.16.020

37 [1 7/16"]

D) insert for bottom track S42

4 [3/16"]

[3/16"] 5

[1 7/16"] 37

Bottom track single surface 14.56.020

25 [1"]

F) bottom track single, surface

6
[1/4"]
[1/4"] 6

[1"] 25

Bottom track triple surface 14.33.020

118 [4 5/8"]

G) bottom track triple, surface S42

6
[1/4"]

[4 5/8"] 118

6

Bottom track double surface 14.46.020

H) bottom track single, insert

7 [1/4"]

[1 3/16"] 30

[3/8"] 9.6

[1/4"]

[1/4"] 6

Bottom track single inert, 25mm 14.49.020

Tile channel 14.77.010

J) bottom track single, insert, 15/25mm

6
[1/4"]

15 [9/16"] / 25 [1"]

10

5 [3/16"]

*10

* Use 10mm router bit to ensure tight fit.

to ensure tight fit.

Add masking tape with single insert, if needed

Add masking tape if needed.

10
[3/8"]

[3/8"]
10

30 [1 3/16"]

30 [1 3/16"]

Note: Tile Channel may require shim to reach desired height

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