



STEALTHPIVOT

By PortaPivot

ASSEMBLY MANUAL 4245



StealthPivot NL SET



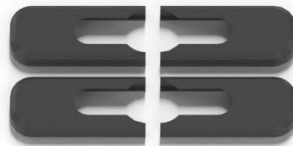
2 x SP-PHE (=NL)



4 x SP-CRL



2 x SP-PZOV 1 mm



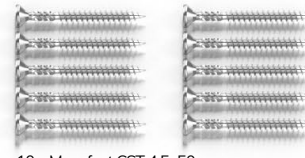
4 x PAP-ADKPB



2 x SP-PZOV 1.5 mm



2 x SP-PZOV 3 mm



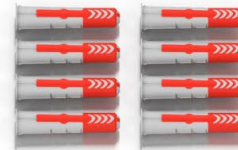
10 x Maxxfast CST 4.5x50



4 x Maxxfast CK 6x50



4 x screw M4x10



8 x Fisher Duopower 8x40



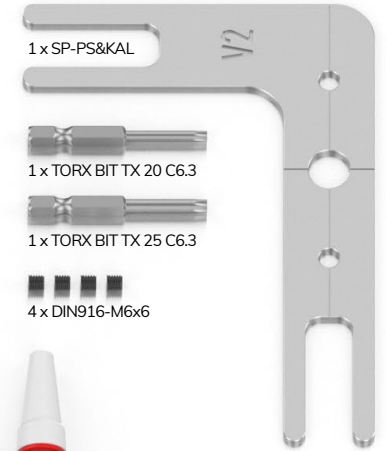
1 x PAP-1W



2 x PAP-2W



2 x magnet



1 x SP-PS&KAL

1 x TORX BIT TX 20 C6.3

1 x TORX BIT TX 25 C6.3

4 x DIN916-M6x6



1 x loctite 2700 5 ml



16 x DIN 988-5x10x1 (shims)

StealthPivot XL SET



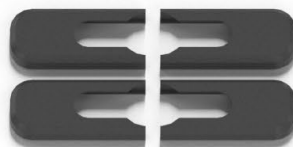
2 x SP-PHD (=XL)



4 x SP-CRL



4 x SP-PZOV 1 mm



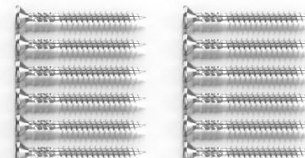
4 x PAP-ADKPB



4 x SP-PZOV 1.5 mm



2 x SP-PZOV 3 mm



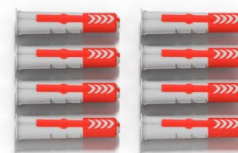
12 x Maxxfast CST 4.5x50



4 x Maxxfast CK 6x50



4 x screw M4x10



8 x Fisher Duopower 8x40



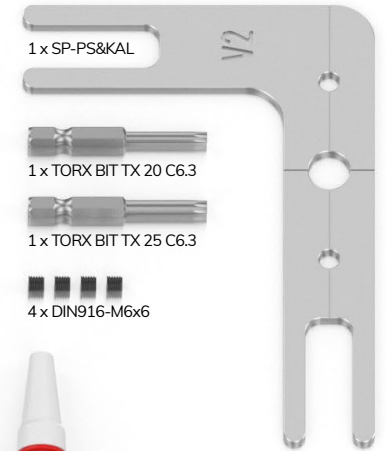
2 x PAP-1W



4 x PAP-2W



4 x magnet



1 x SP-PS&KAL

1 x TORX BIT TX 20 C6.3

1 x TORX BIT TX 25 C6.3

4 x DIN916-M6x6

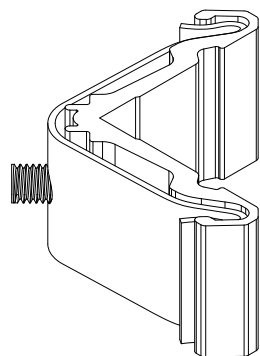


1 x loctite 2700 5 ml

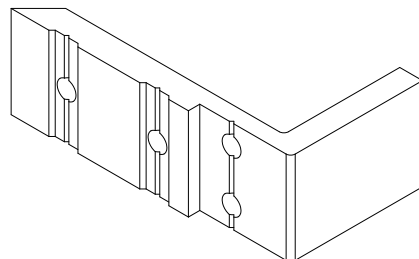


16 x DIN 988-5x10x1 (shims)

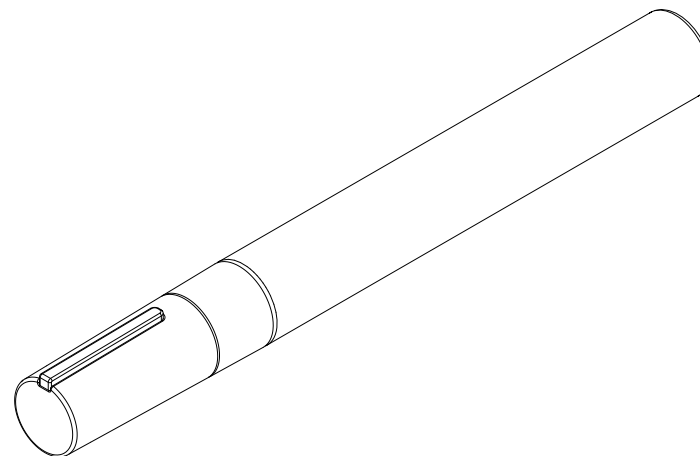
PORTAPIVOT 4245 PARTS



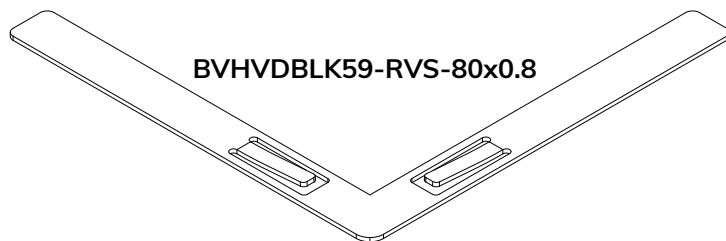
PAP-MCDBLK25x11x24,5



PAP-APV6040/20,25C



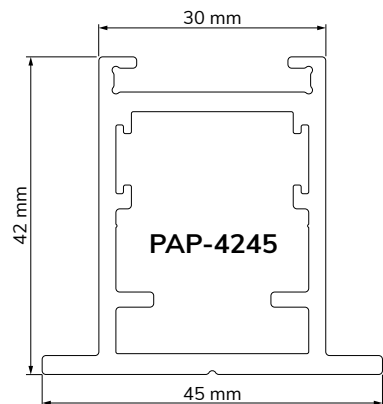
SAW CUT MARKER



BVHVDBLK59-RVS-80x0.8



ISO10642-M5x12



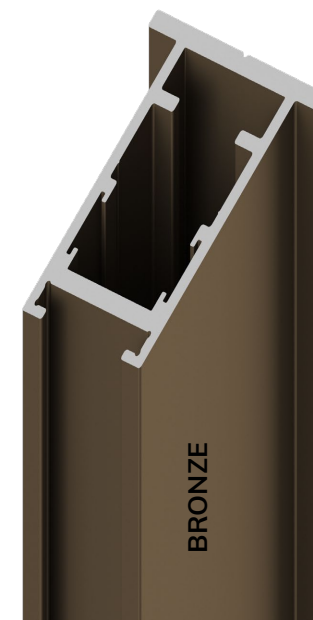
PAP-4245



BLACK



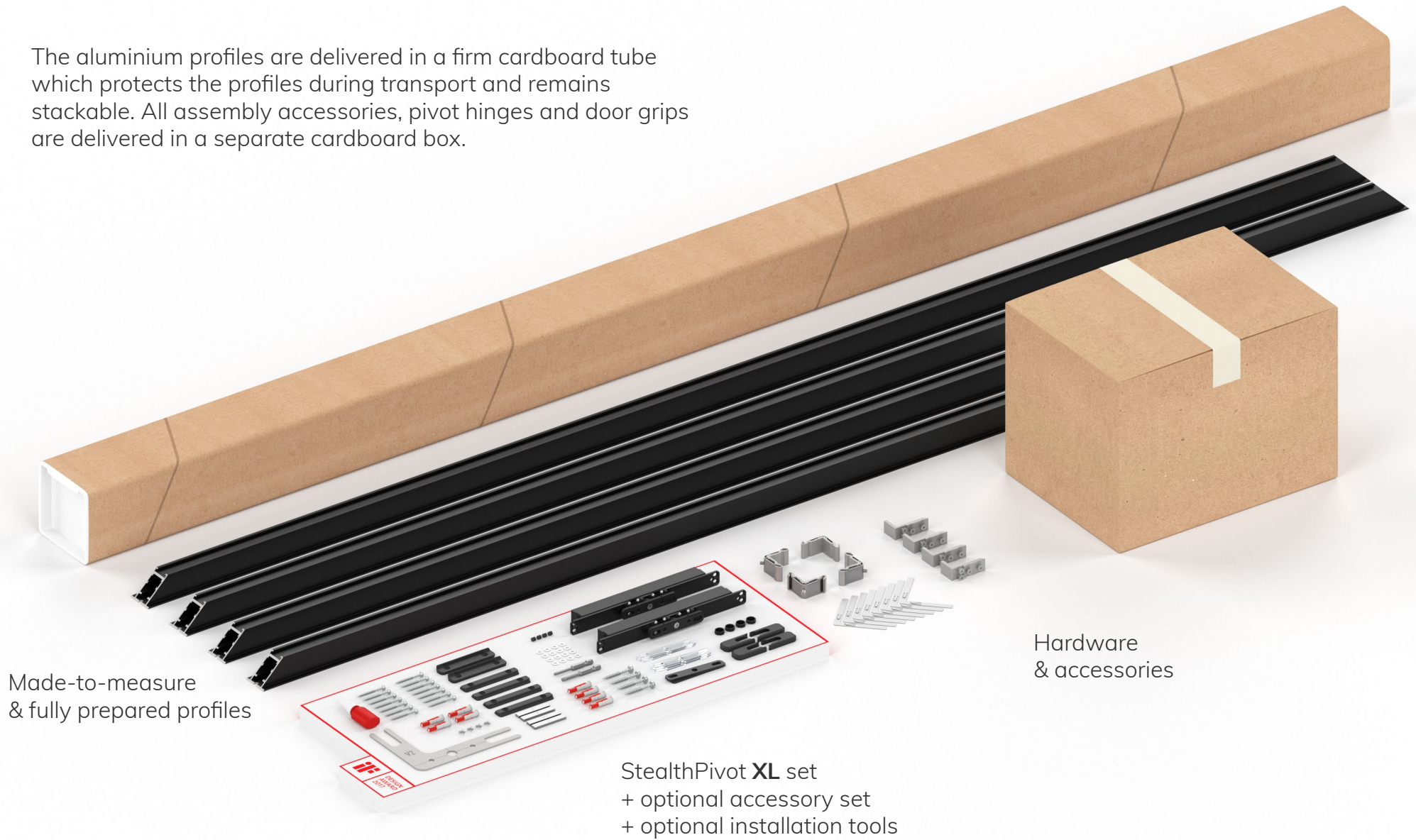
SILVER



BRONZE

PORTAPIVOT 4245 XL EXAMPLE KIT OVERVIEW

The aluminium profiles are delivered in a firm cardboard tube which protects the profiles during transport and remains stackable. All assembly accessories, pivot hinges and door grips are delivered in a separate cardboard box.



Made-to-measure
& fully prepared profiles

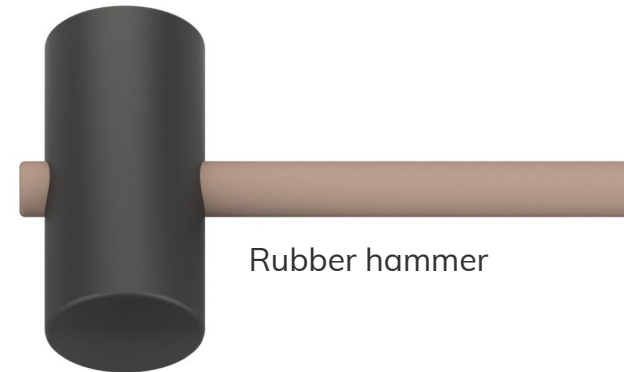
StealthPivot **XL** set
+ optional accessory set
+ optional installation tools

Hardware
& accessories

LOCALLY SOURCED MATERIALS

- ▶ Safety glass or paneling
- ▶ 3M double sided tape:
 - Transparent VHB DT4910 3009-4 (=9x1,15 mm)
 - Transparent VHB DT4910 3019-4 (=19x1,15 mm)
 - Grey VHB DT4655 3009-4 (=9x1,5 mm)
 - Grey VHB DT4655 3019-4 (=19x1,5 mm)
- ▶ Soudal Fix All (see www.soudal.com)

RECOMMENDED TOOLS

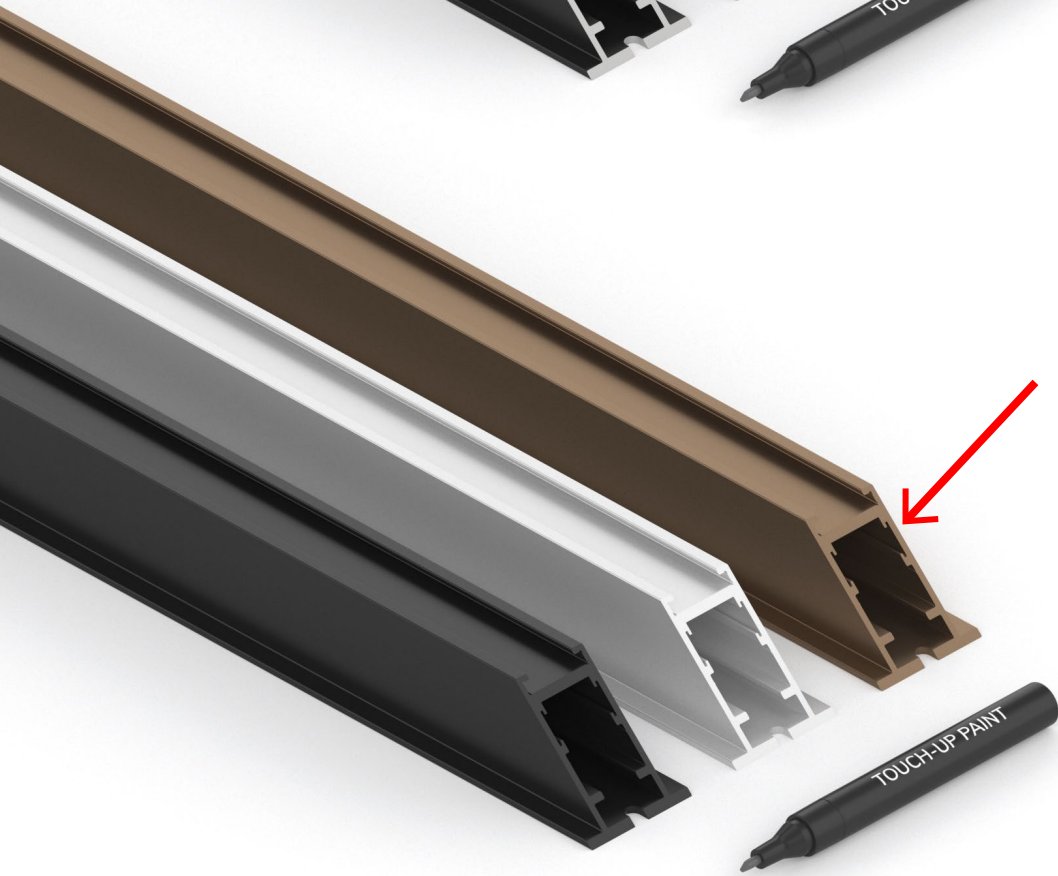
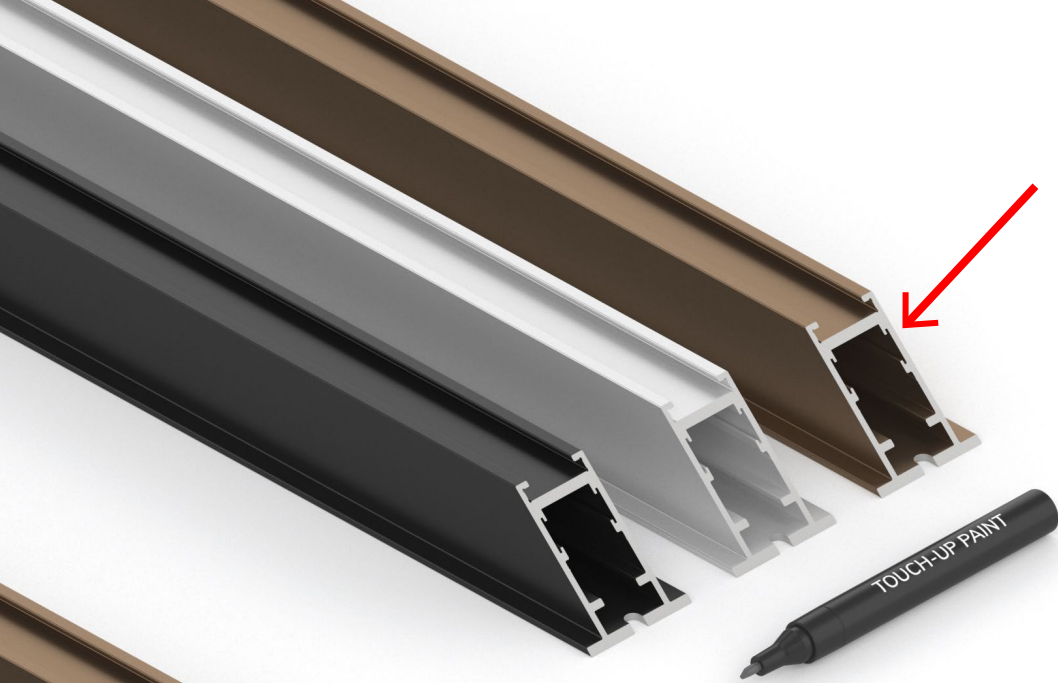


COLOR SAW CUTS

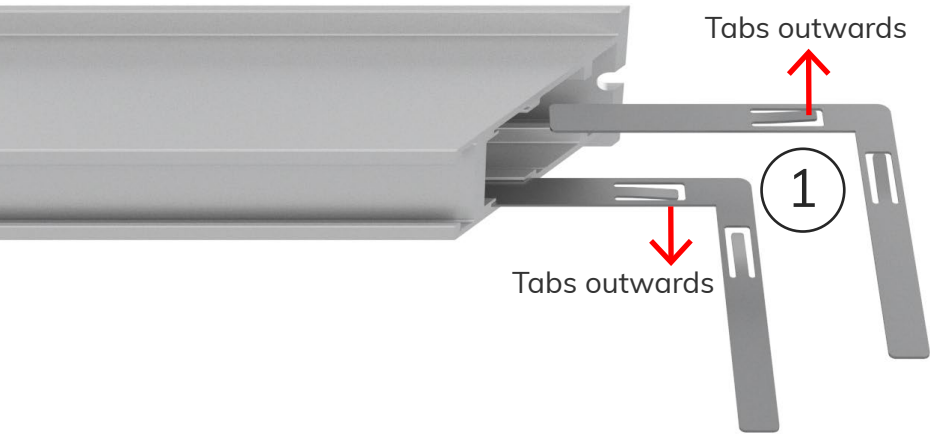
Degrease* the saw cuts and use the supplied marker to paint the cuts.

*Isopropyl alcohol

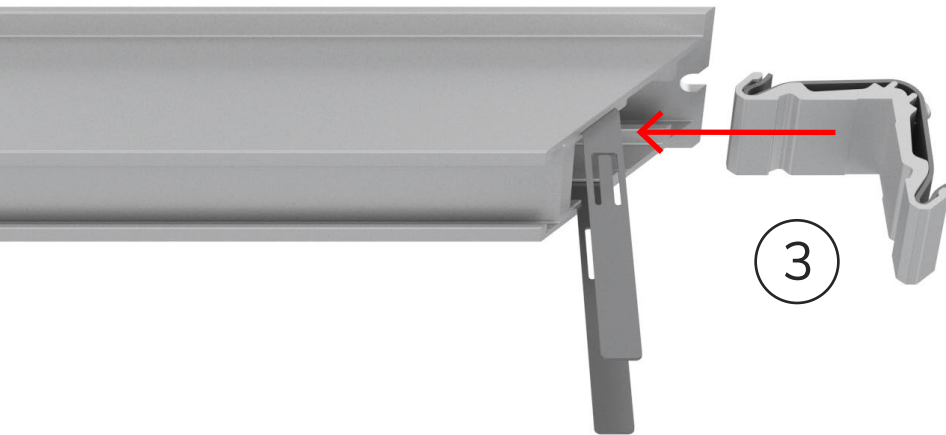
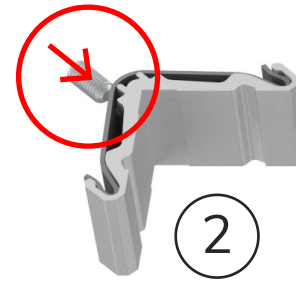
Remove excessive paint from visual sides with acetone or alike



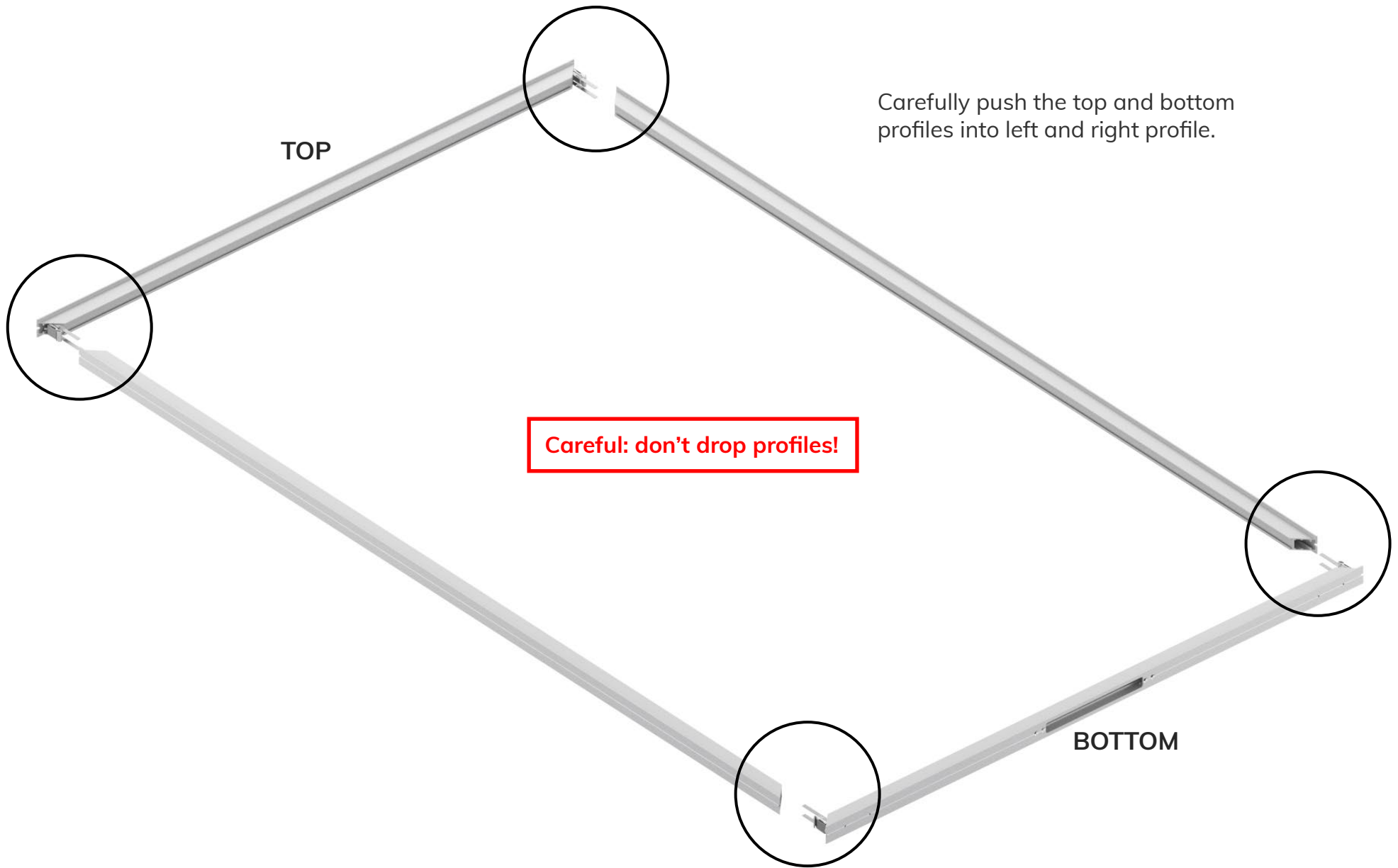
PREPARE TOP AND BOTTOM PROFILES



DON'T TIGHTEN!



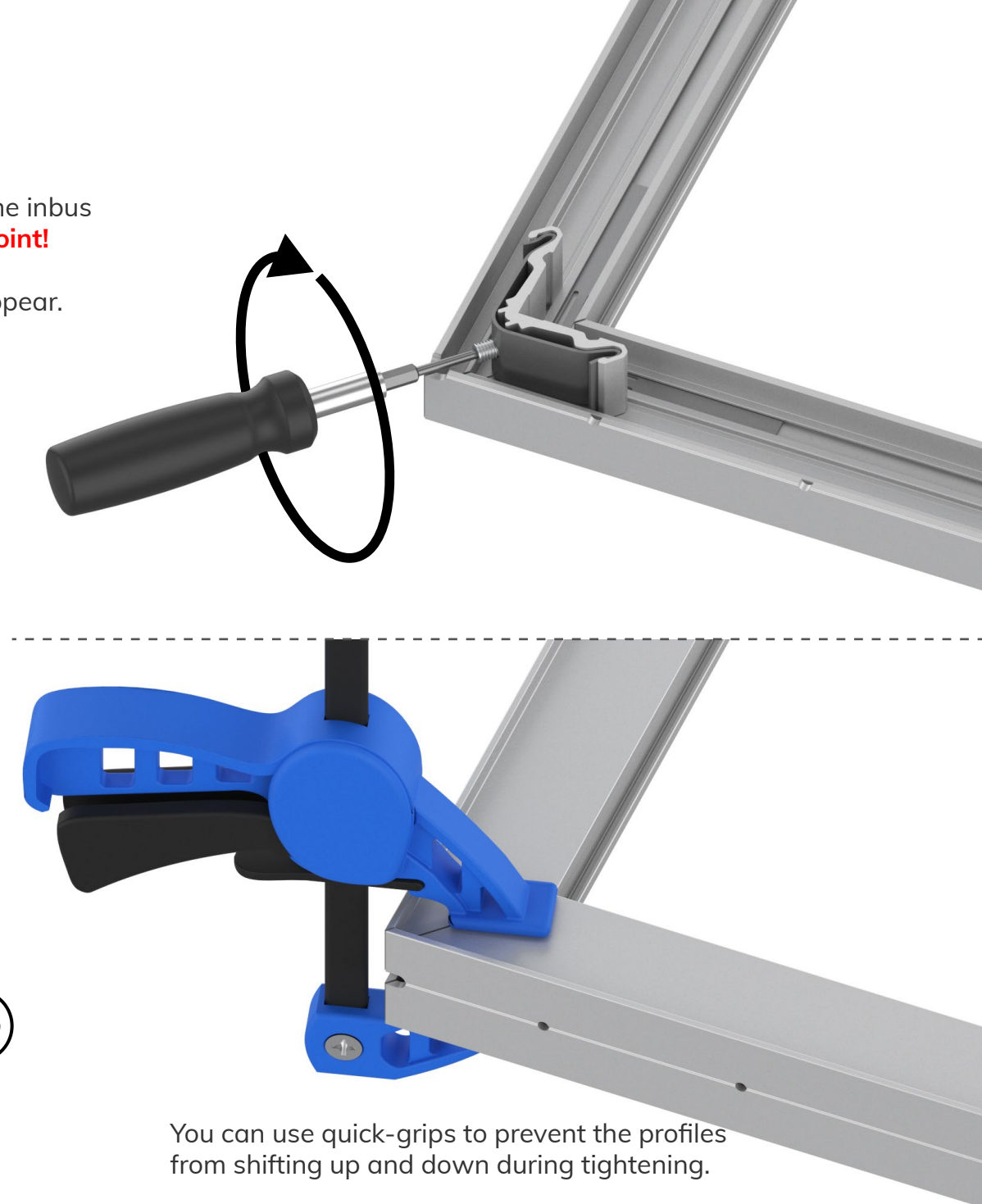
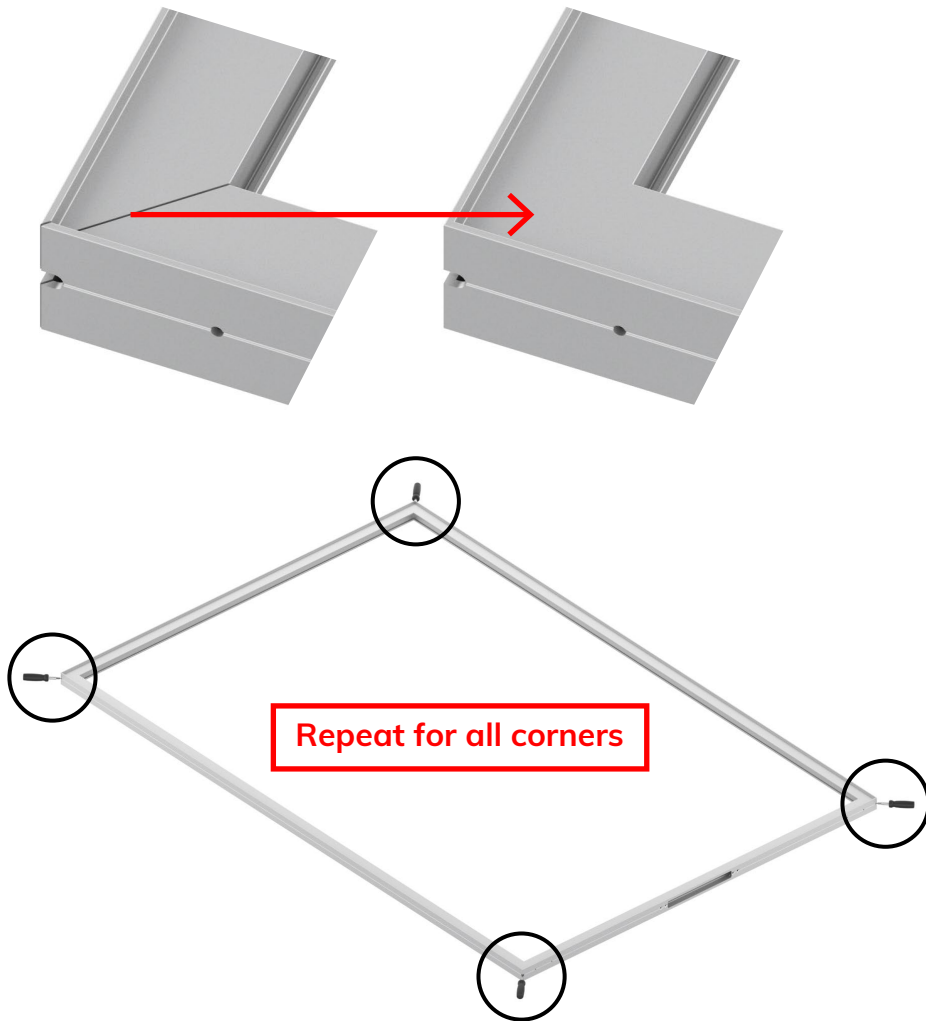
ASSEMBLE PROFILES



SECURE CORNER JOINTS

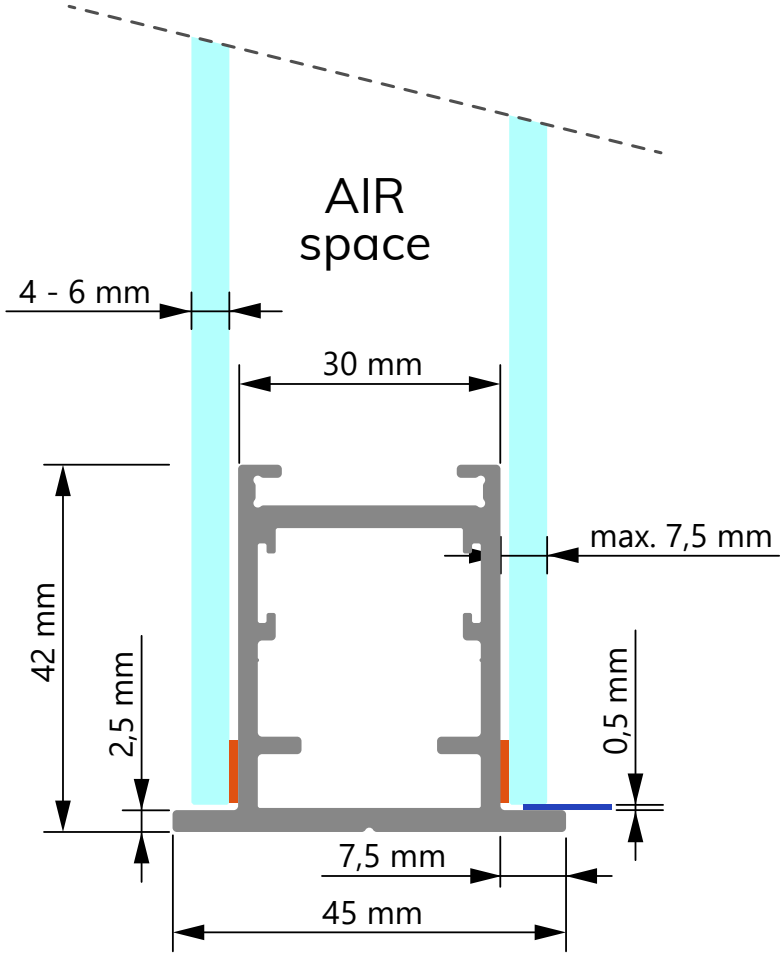
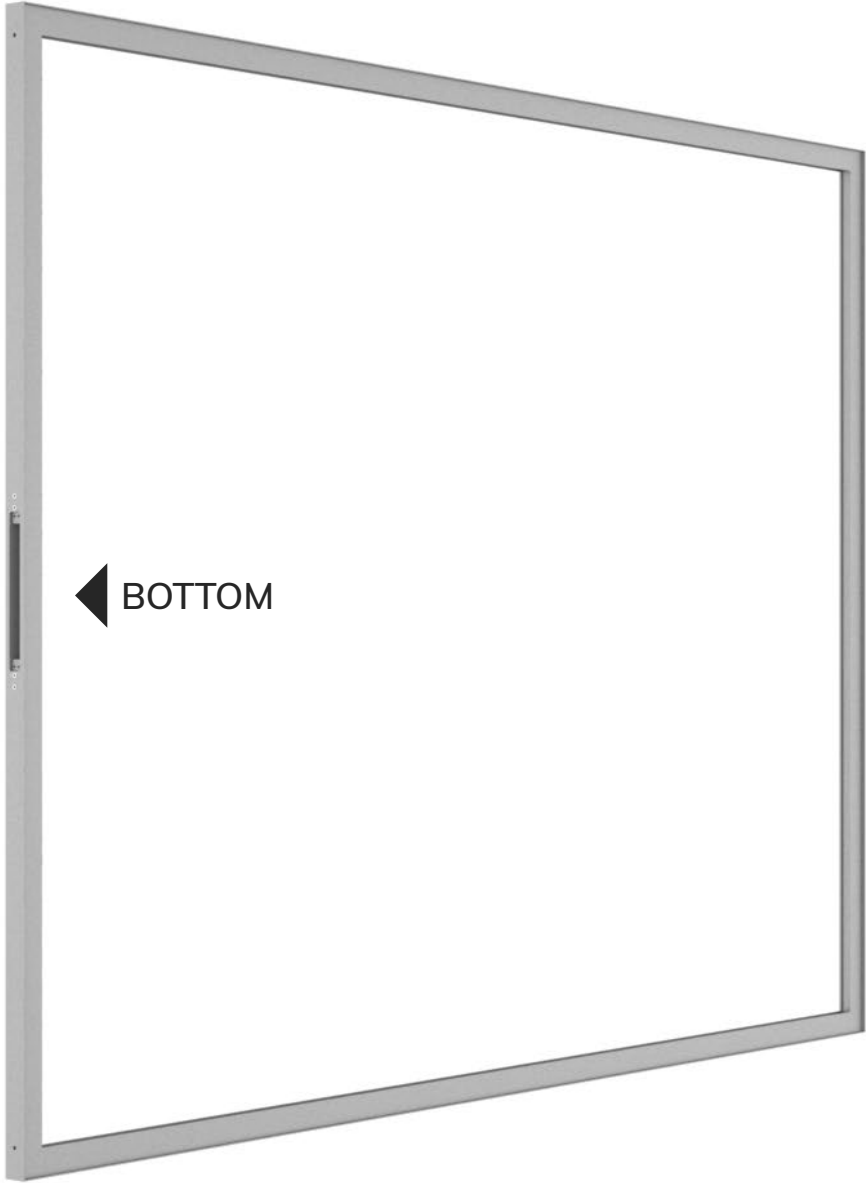
Align the profiles as best as possible, and carefully tighten the inbus screw **BY HAND!** **Over-tightening will damage the corner joint!**

During tightening, the space between the profiles will disappear.



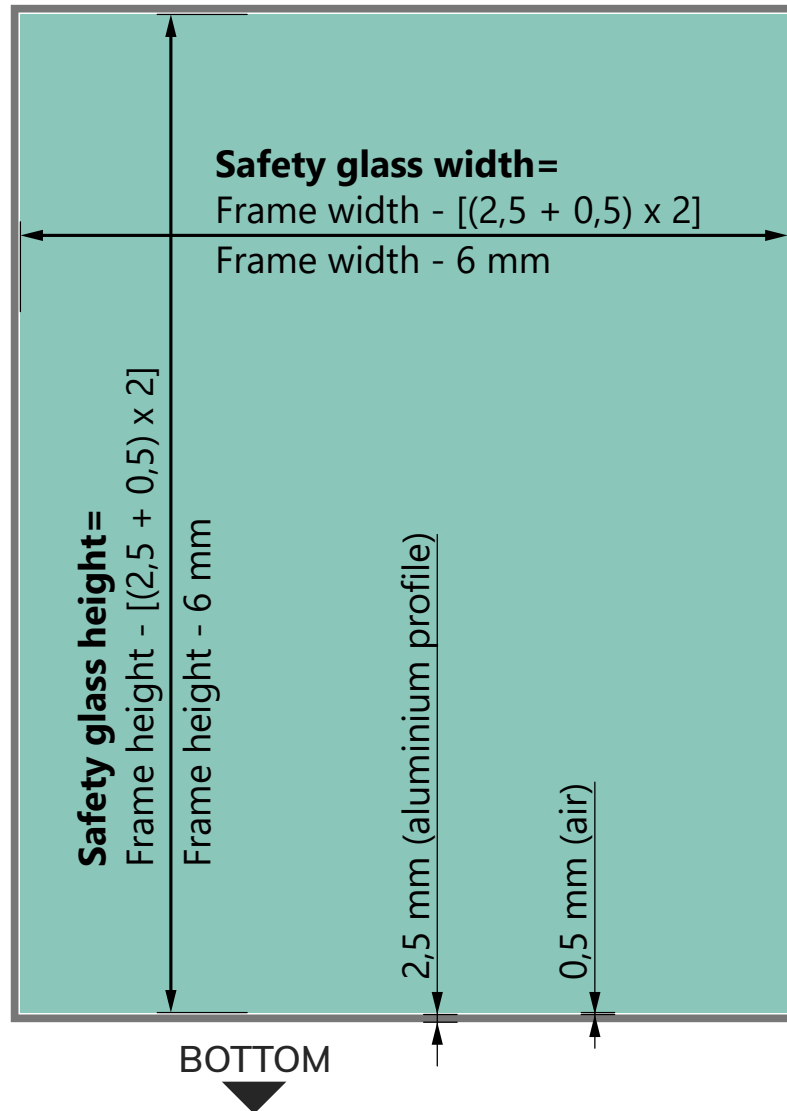
You can use quick-grips to prevent the profiles from shifting up and down during tightening.

DOOR ASSEMBLY- SAFETY GLASS

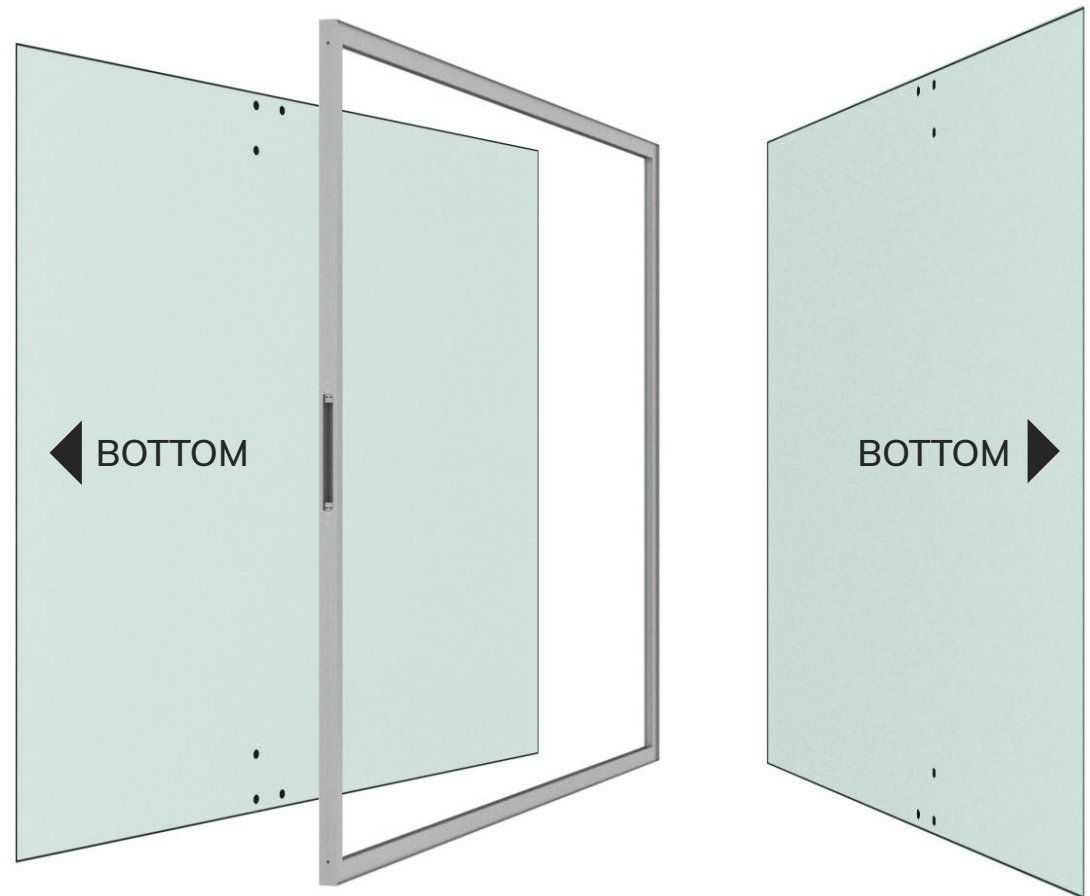


- Safety glass 4 or 6 mm
- Double sided 3M tape:
 Transparent VHB DT4910 3009-4 (=9x1,15 mm)
 Transparent VHB DT4910 3019-4 (=19x1,15 mm)
 Grey VHB DT4655 3009-4 (=9x1,5 mm)
 Grey VHB DT4655 3019-4 (=19x1,5 mm)
- Guide spacer

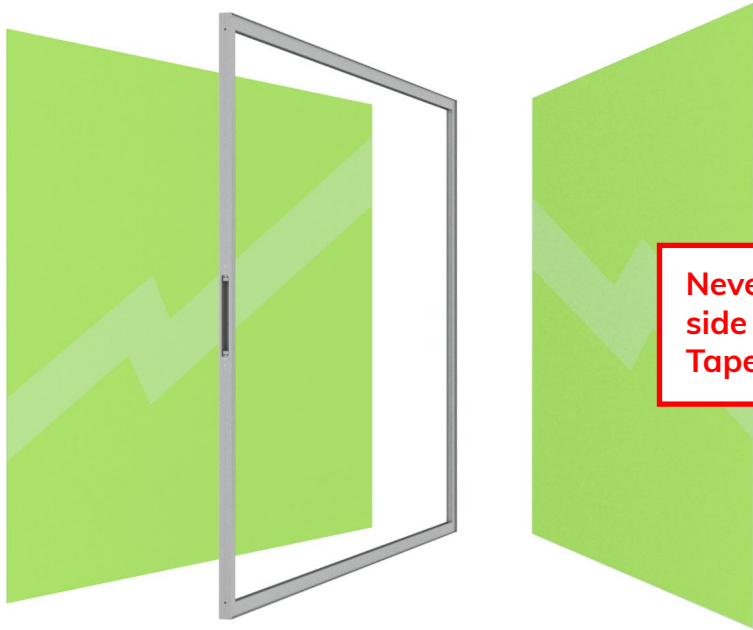
SAFETY GLASS DIMENSIONS:



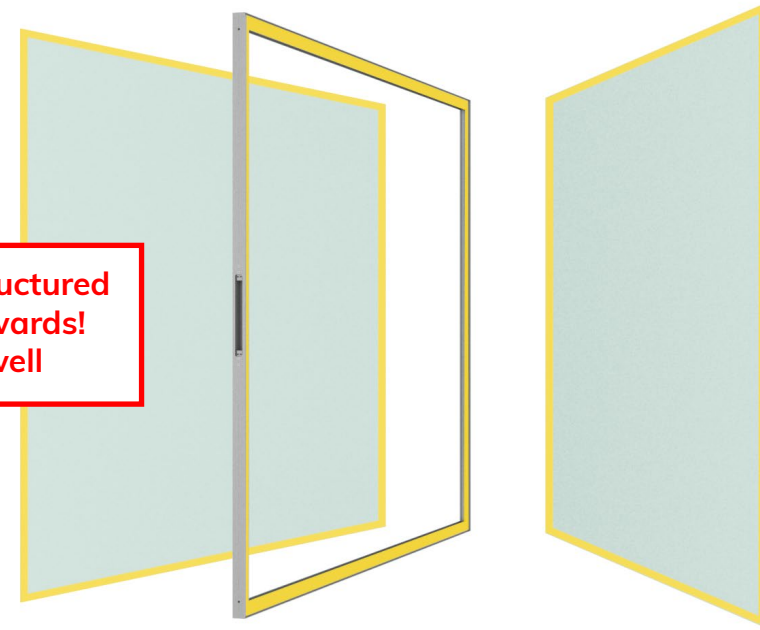
Define top and bottom side if panels have pre-drilled holes for handles.



Clean the entire inside face of each glass panel

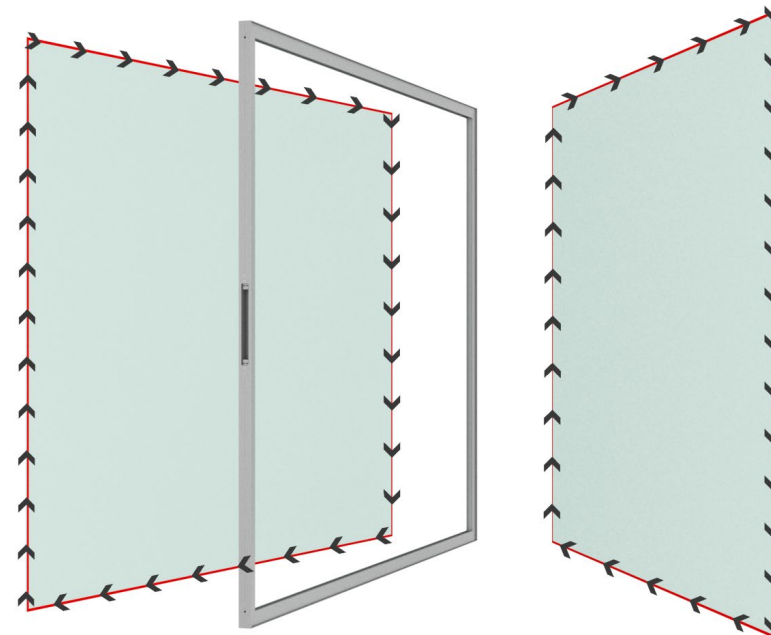
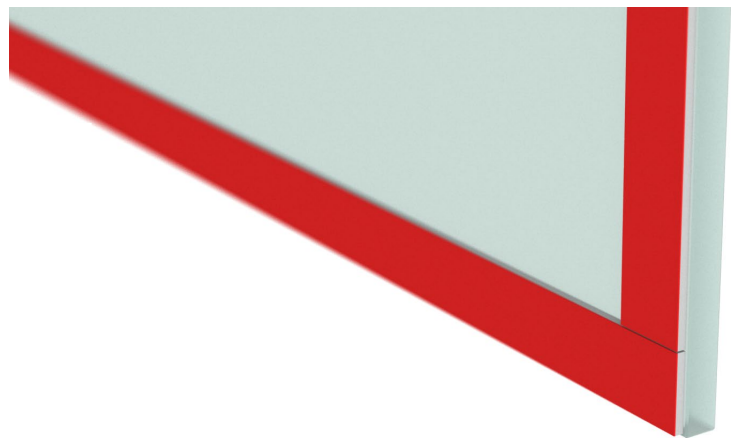


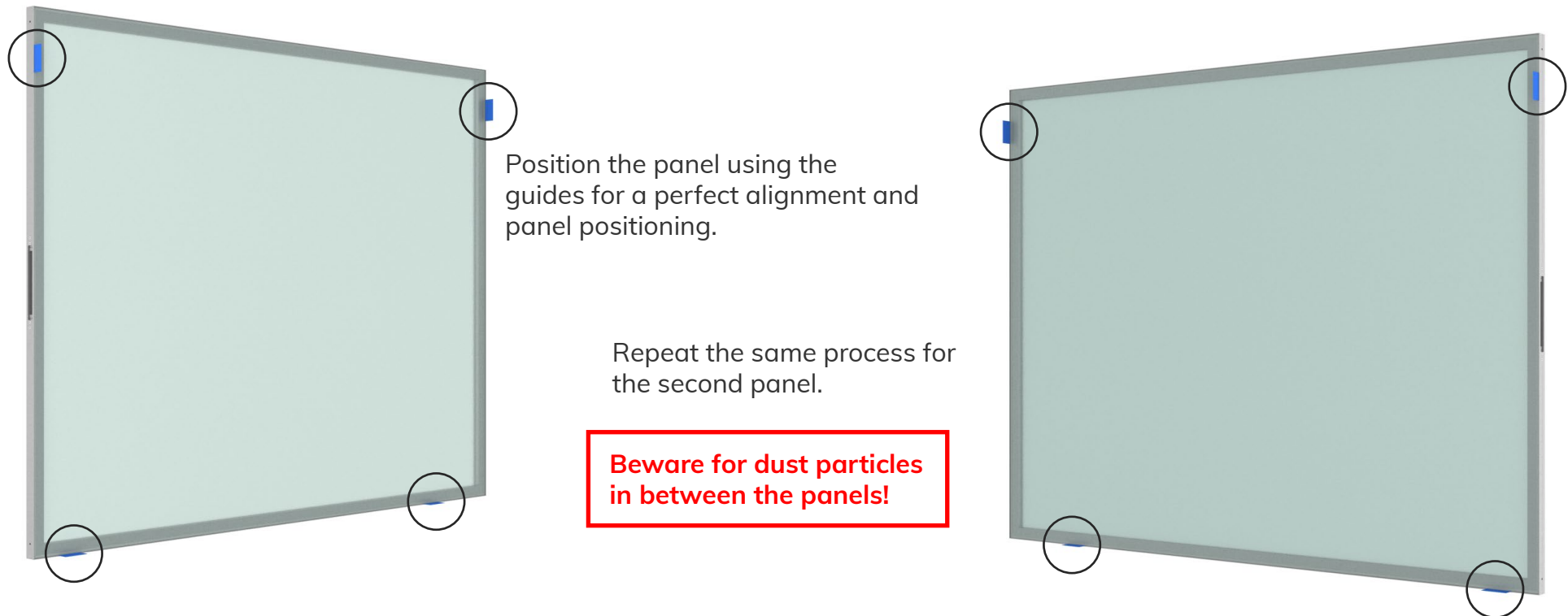
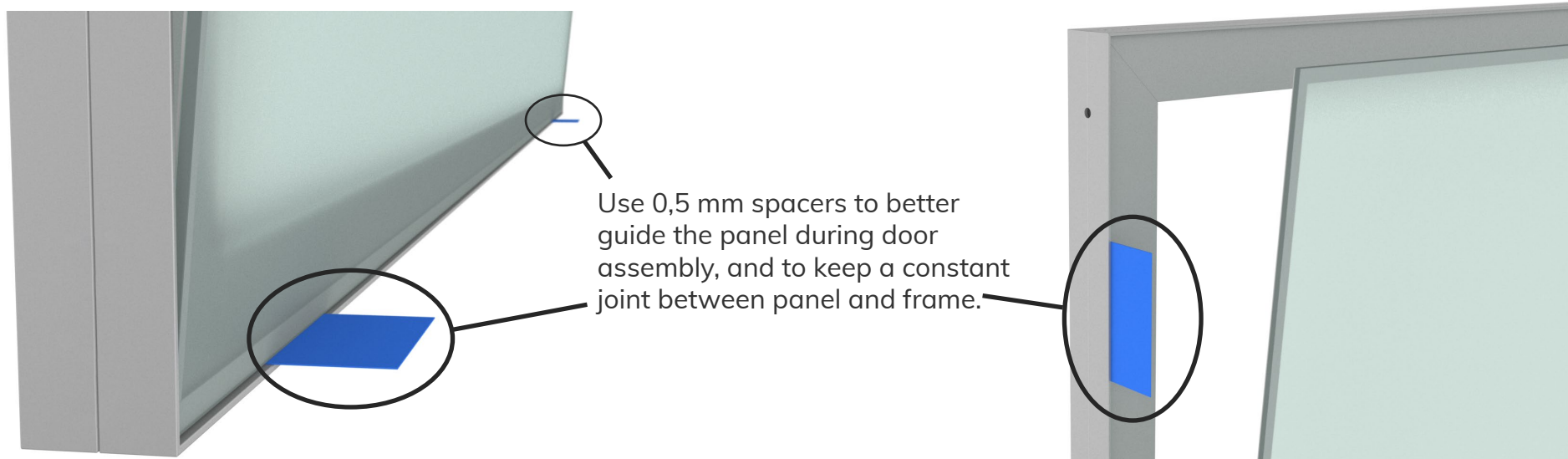
Degrease the frame and the tape region of the glass



**Never install the structured side of the glass inwards!
Tape will not stick well**

Apply double sided 3M tape all the way around



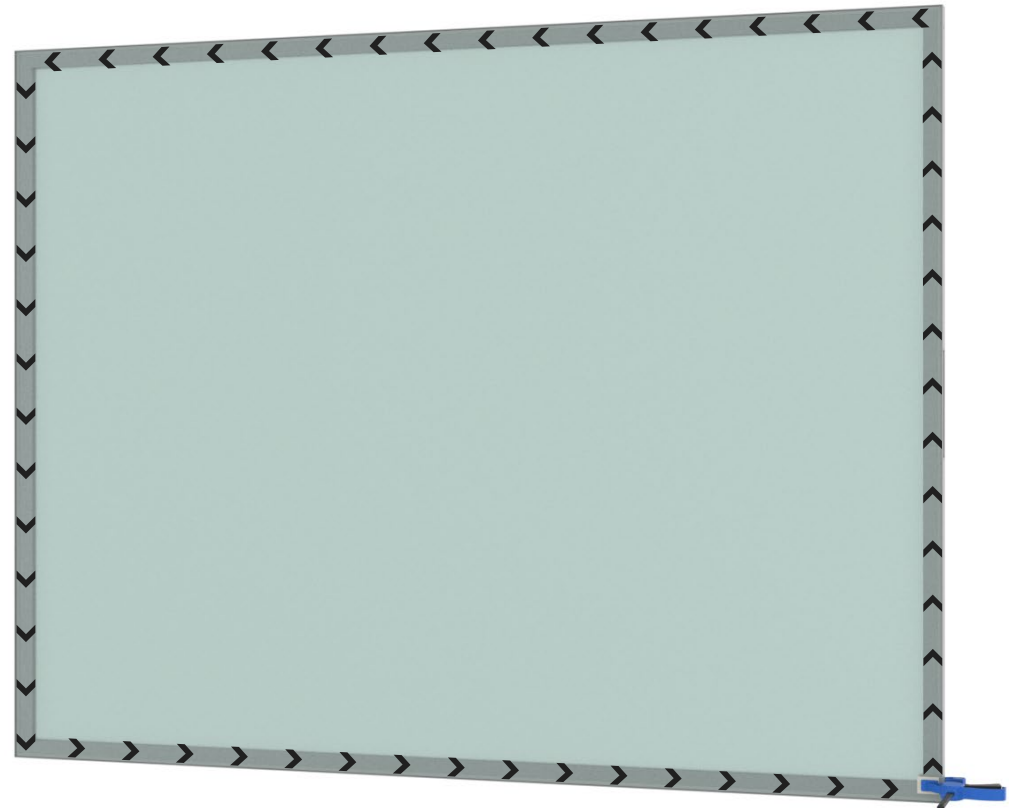




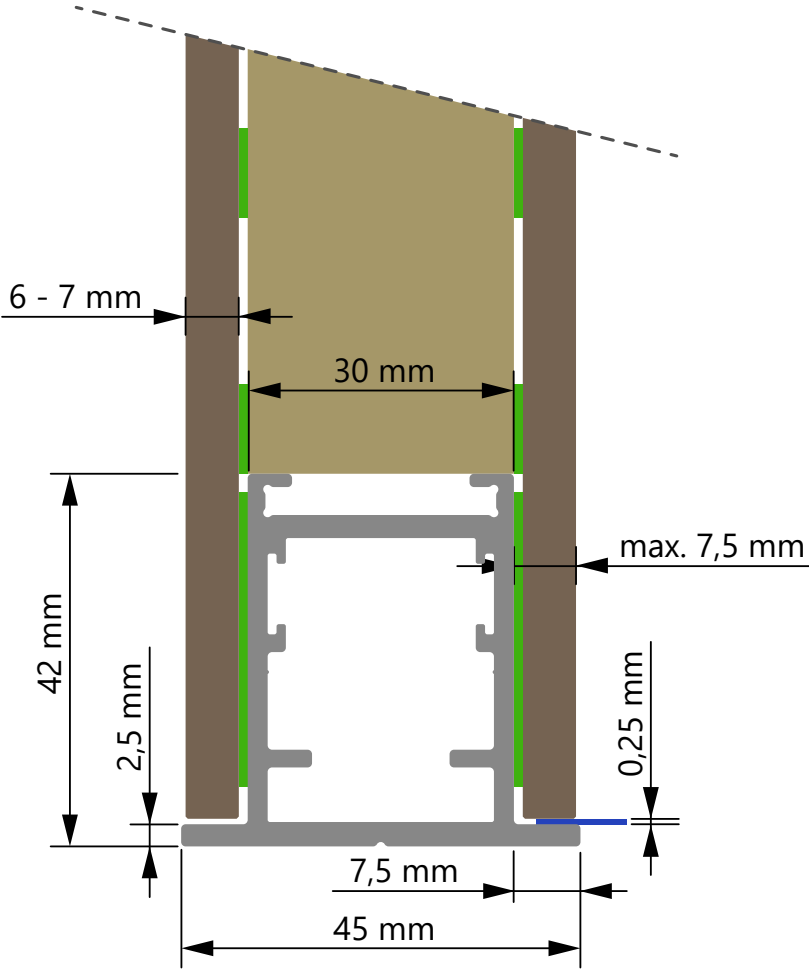
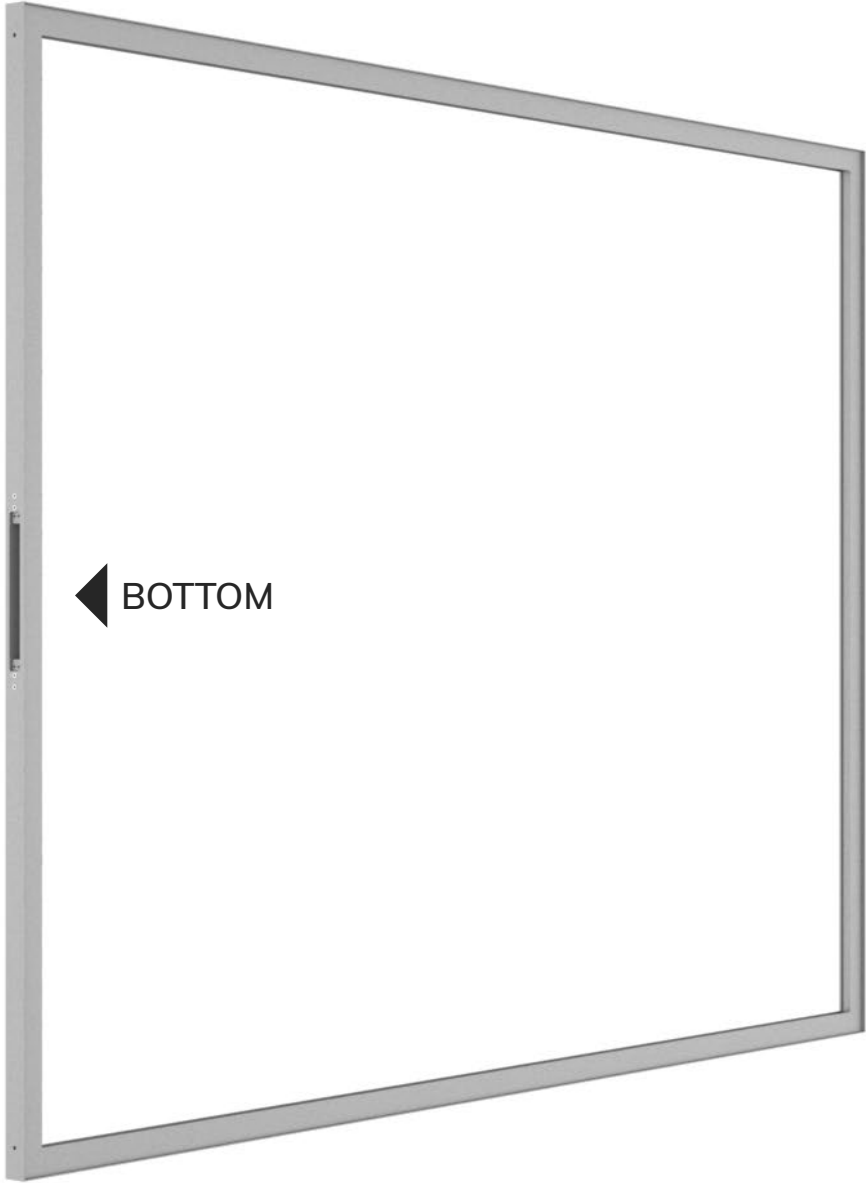
Firmly press both sides together, for example using a quick grip tool




Protect the glass

Work your way all around

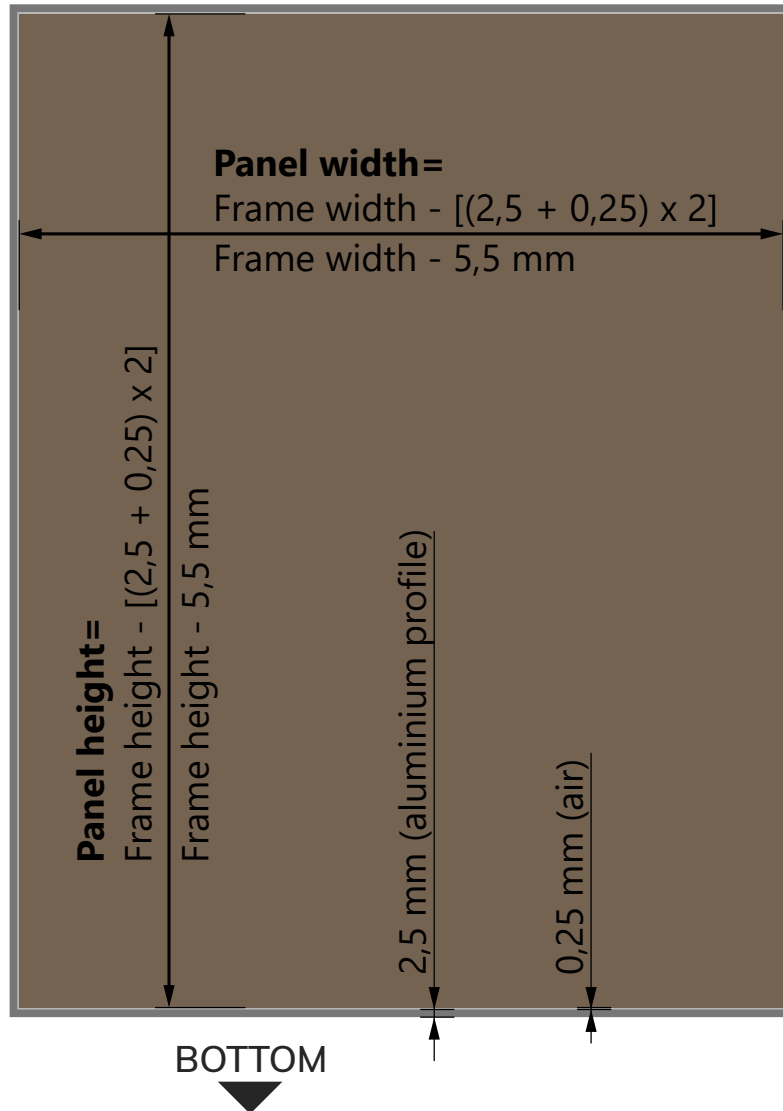


DOOR ASSEMBLY- SOLID PANELS



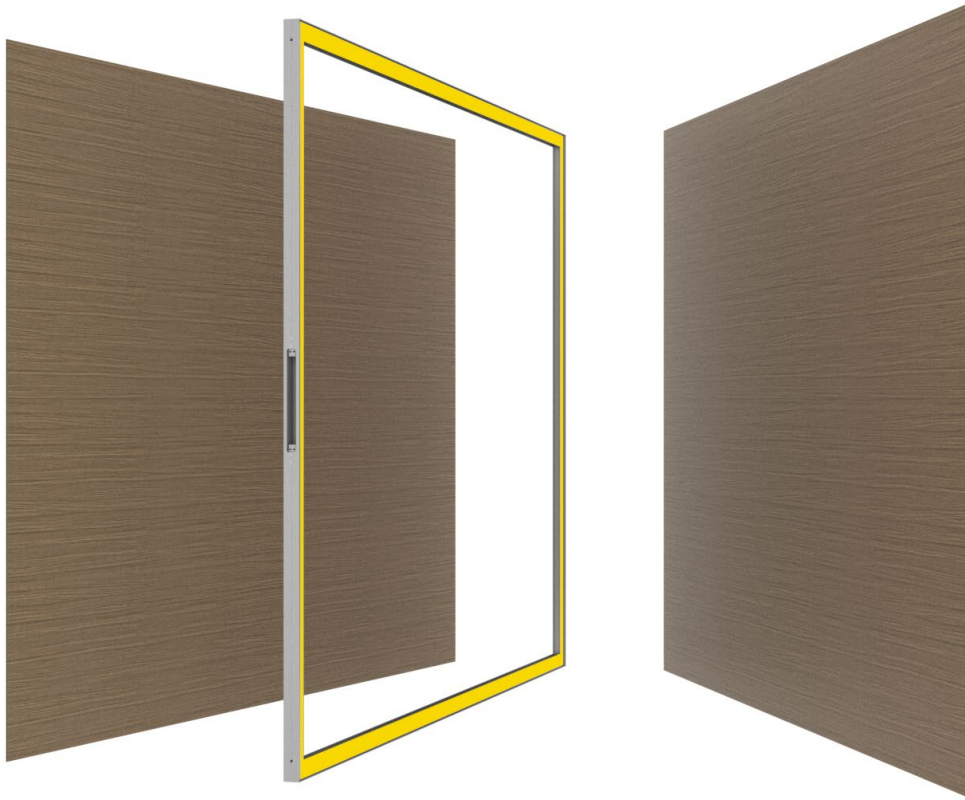
-  Solid panel
-  Optional filling material
-  Soudal Fix All or similar

PANEL DIMENSIONS:



Define top and bottom side if panel has pre-drilled holes for handles.

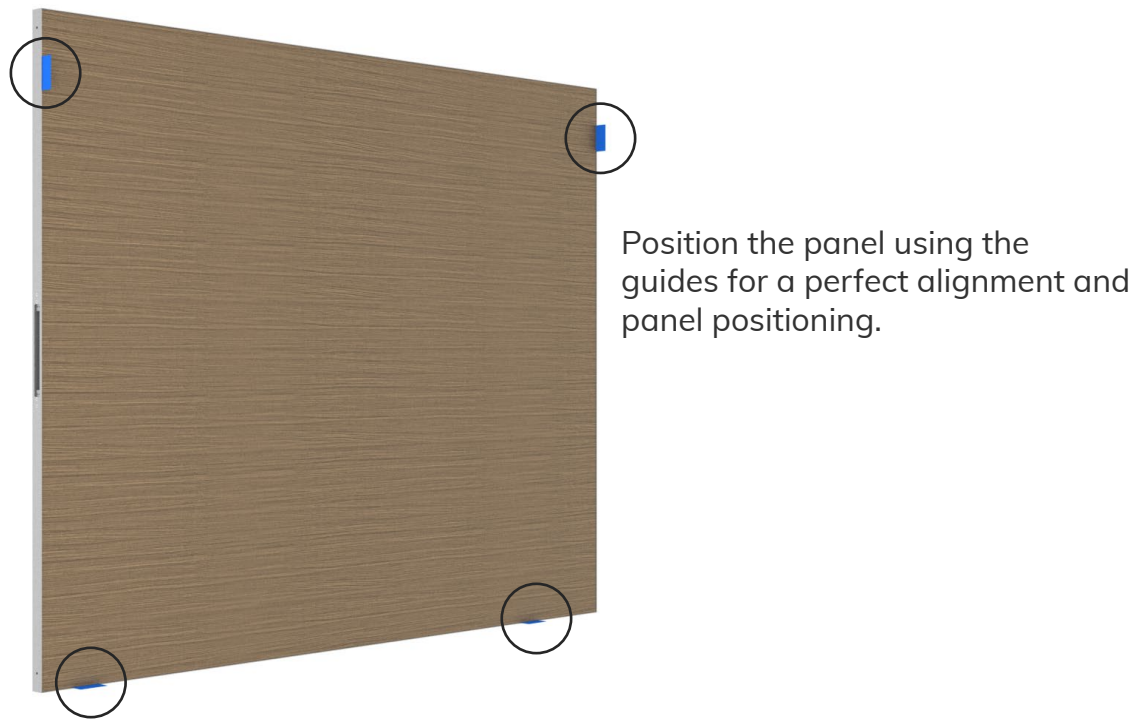
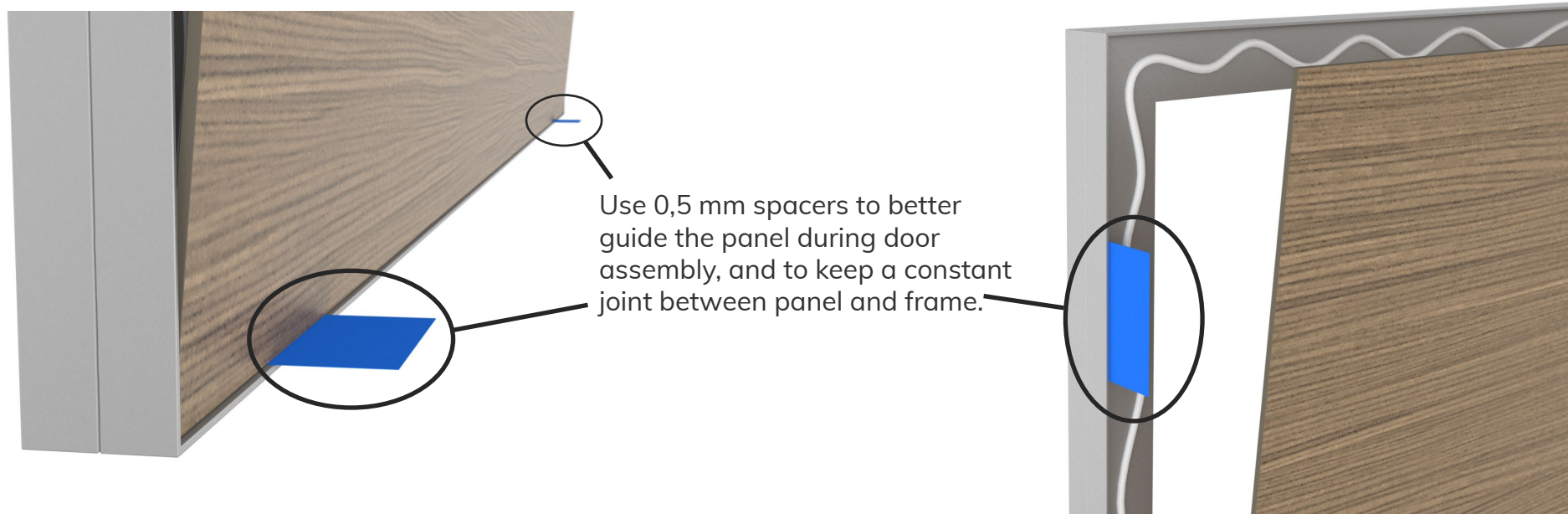




Degrease the frame and panels.

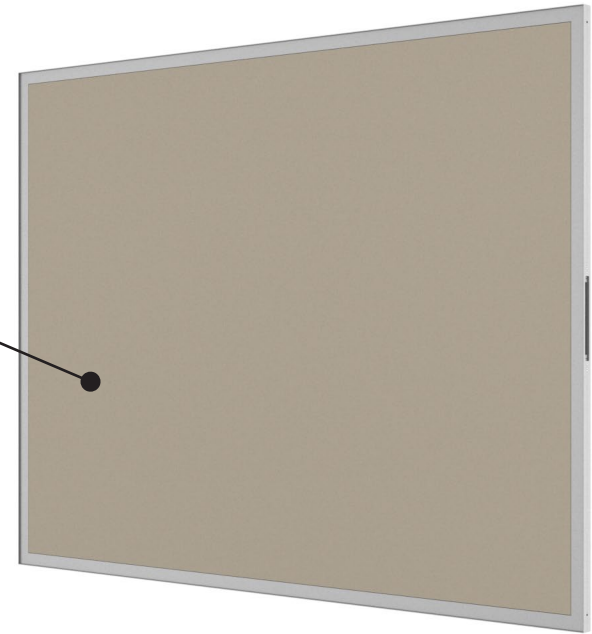


Apply Fix All (Soudal) to the 5045 frame.

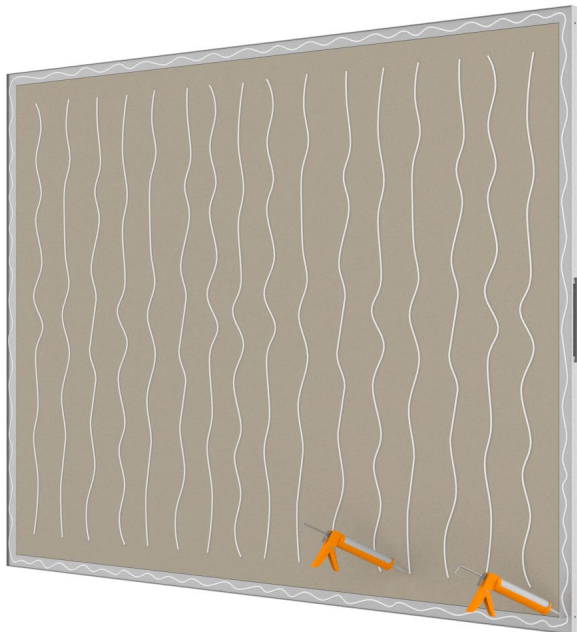




Panels can be installed with or without optional filling material in between.
(beware for deformation)



When using filling material, use Fix All (Soudal) to bond panels.



Apply Fix All on the 5045 frame and filling material.



Repeat the same process for the second panel.

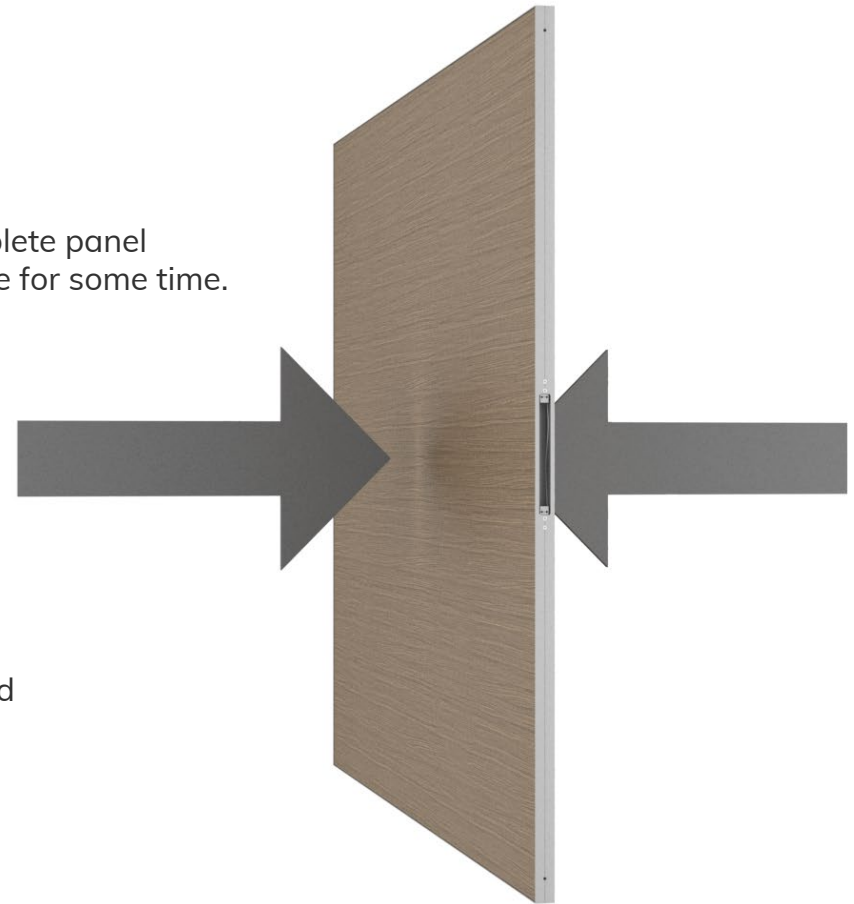


Firmly press both sides together, for example using a quick grip tool.

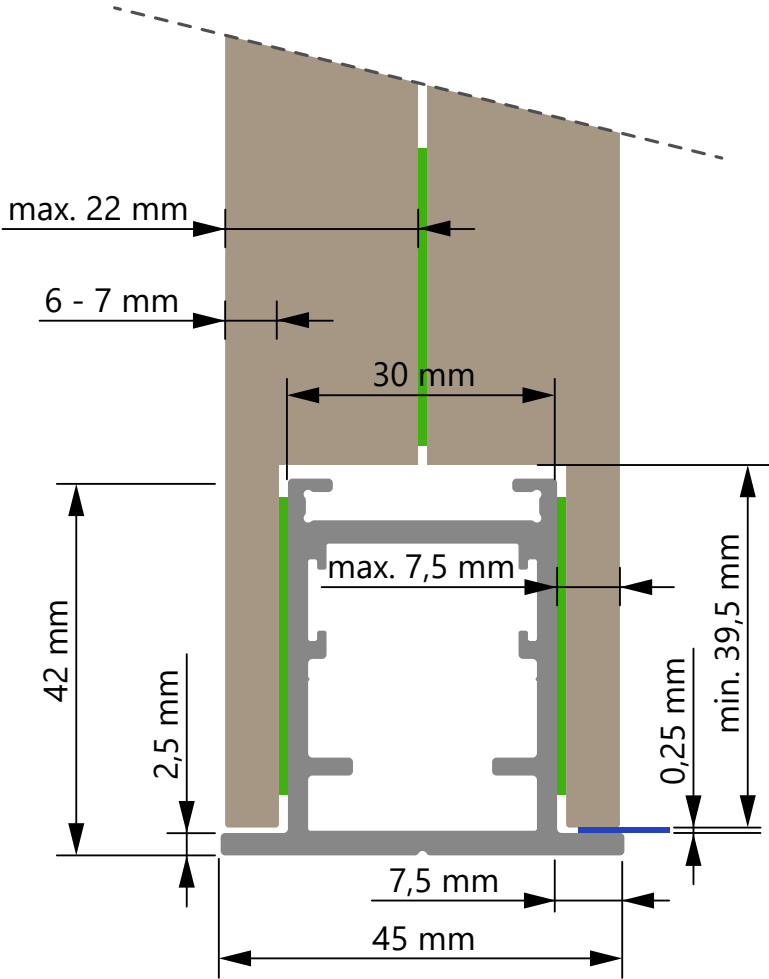


Work your way all around

Also put complete panel under pressure for some time.

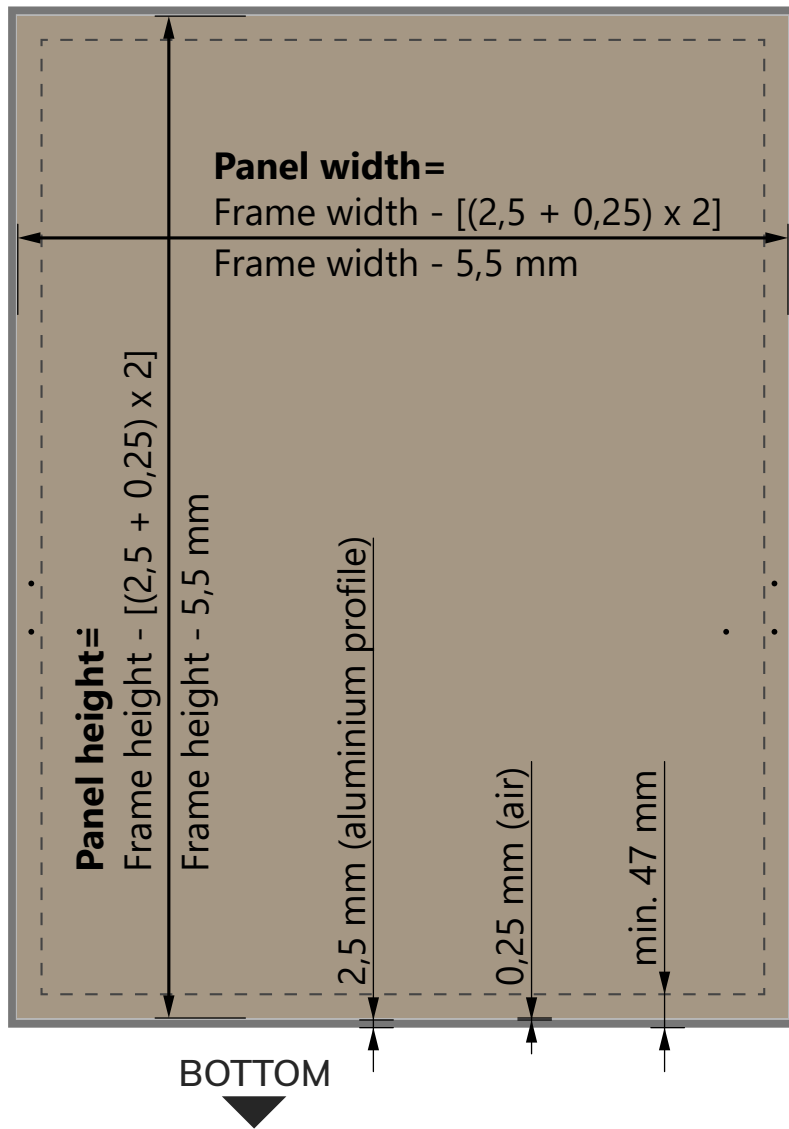


DOOR ASSEMBLY- MASSIVE PANELS

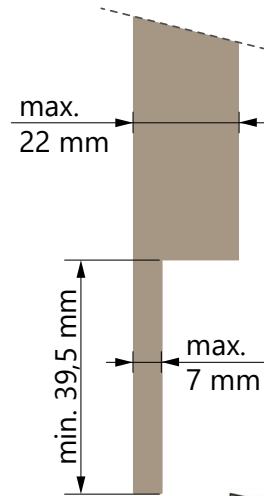


- Massive panel
- Soudal Fix All or similar

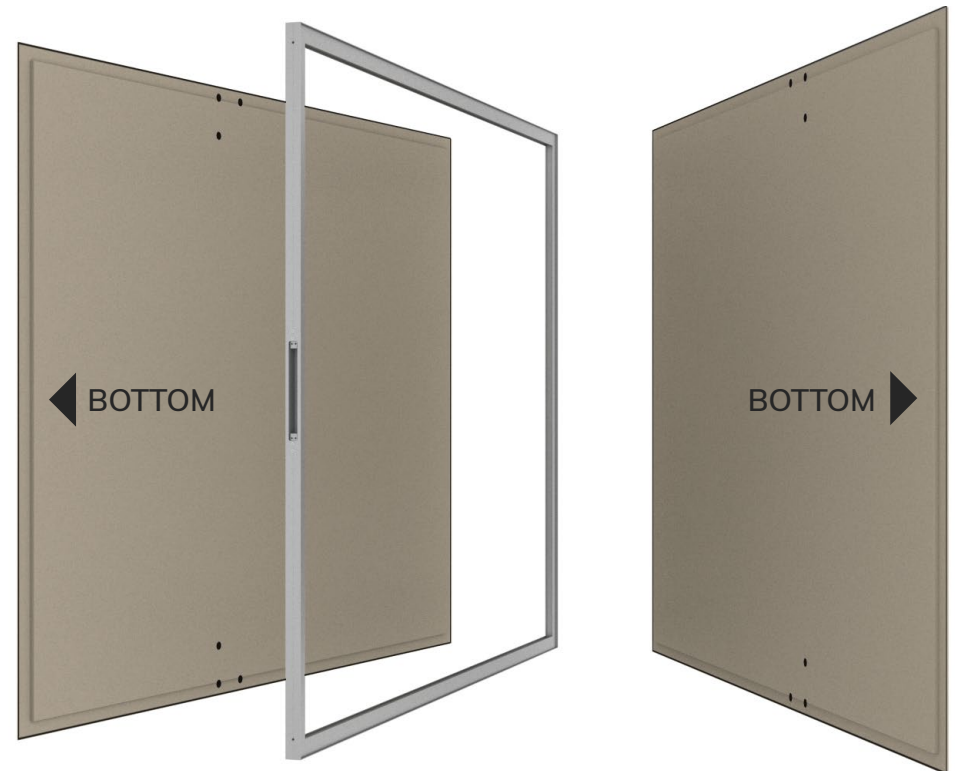
PANEL DIMENSIONS:

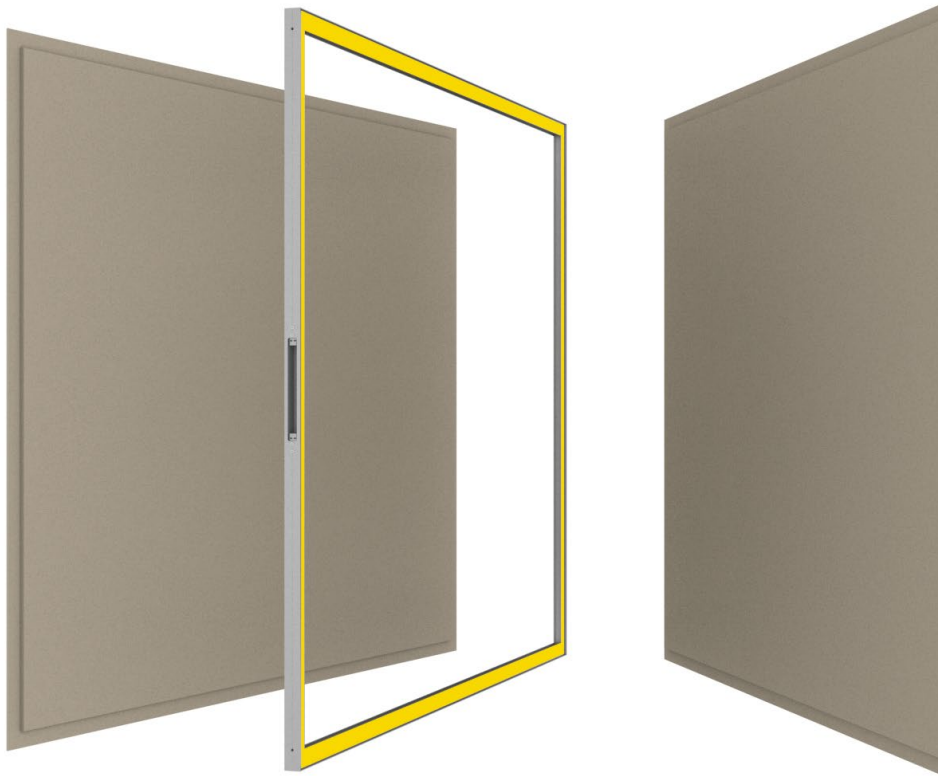


PANEL DETAIL:



Define top and bottom side if panel has pre-drilled holes for handles.

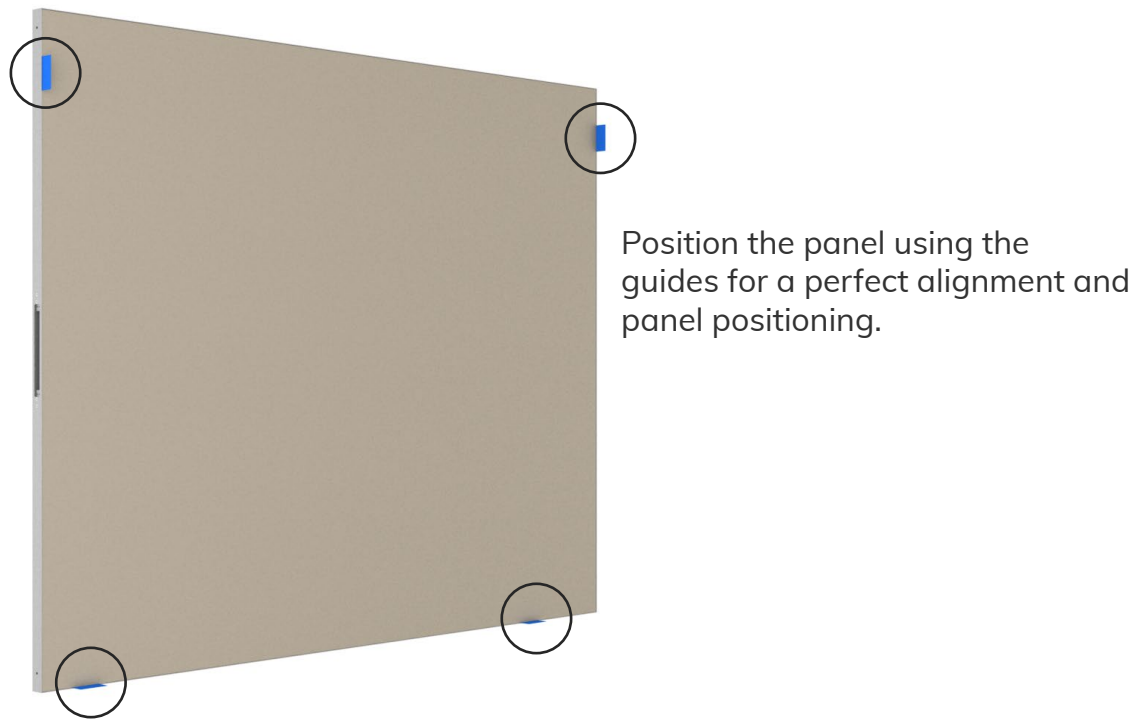
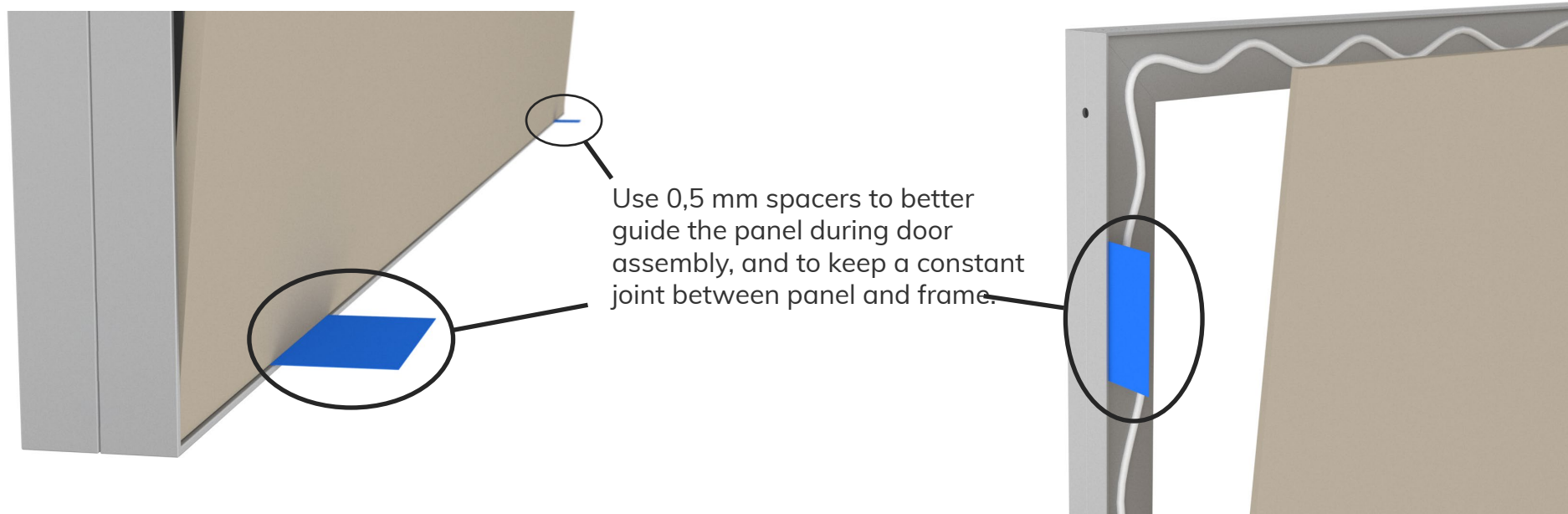


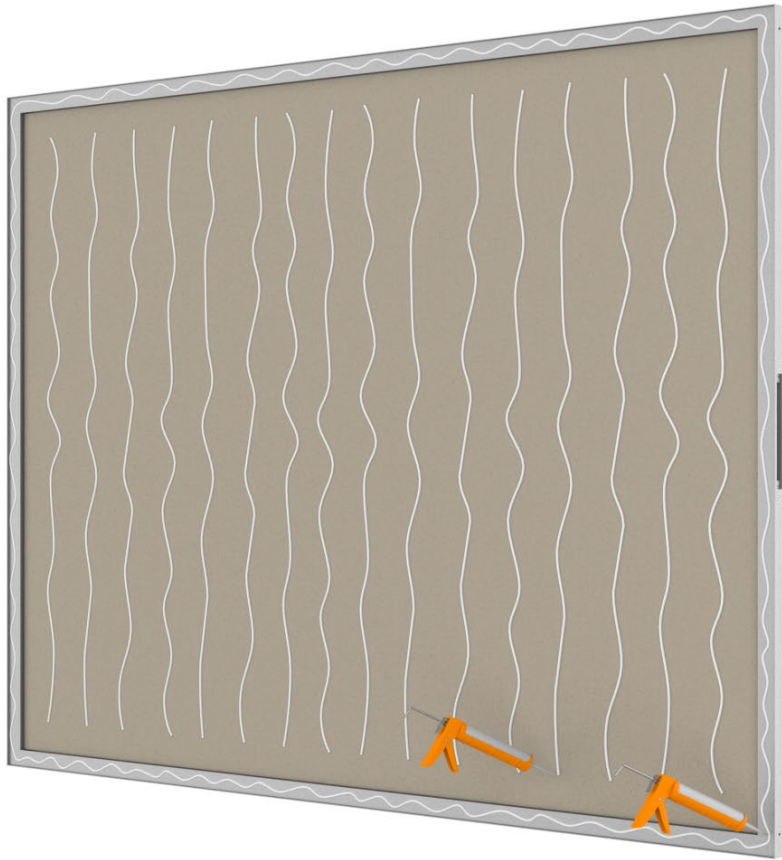


Degrease the frame and panels.

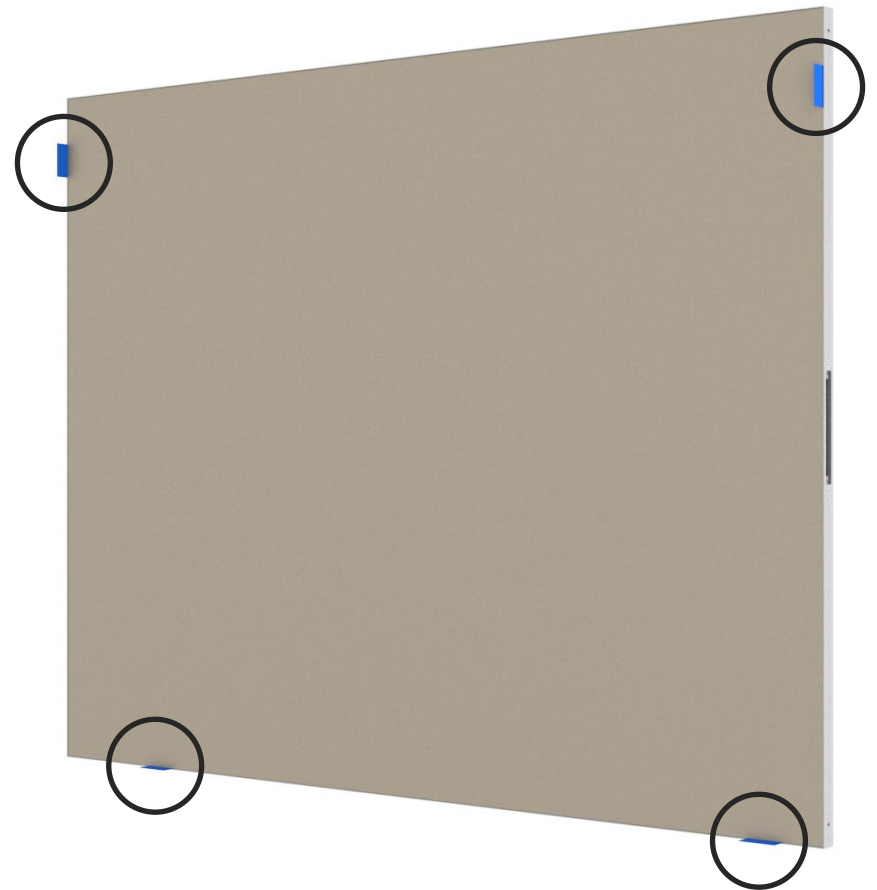


Apply Fix All (Soudal) to the 5045 frame.





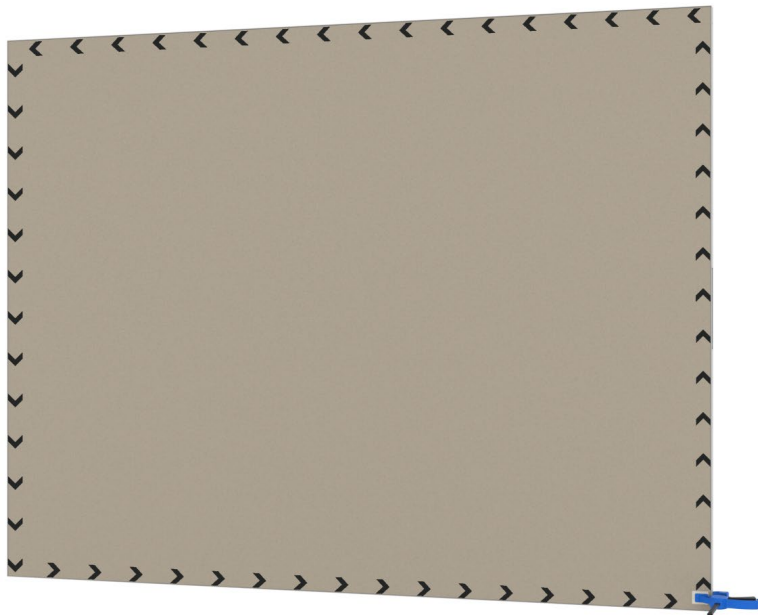
Apply Fix All on the 5045 frame and panel.



Repeat the same process for the second panel.

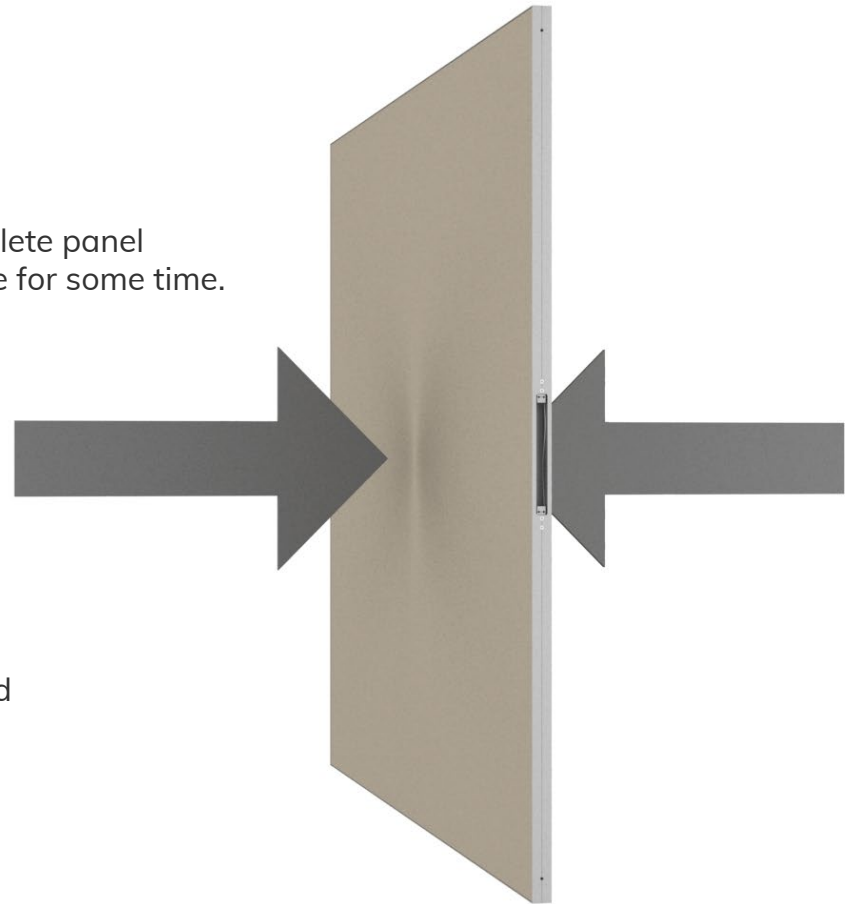


Firmly press both sides together, for example using a quick grip tool.



Work your way all around

Also put complete panel under pressure for some time.



INSERT HINGE BRACKETS

1



2



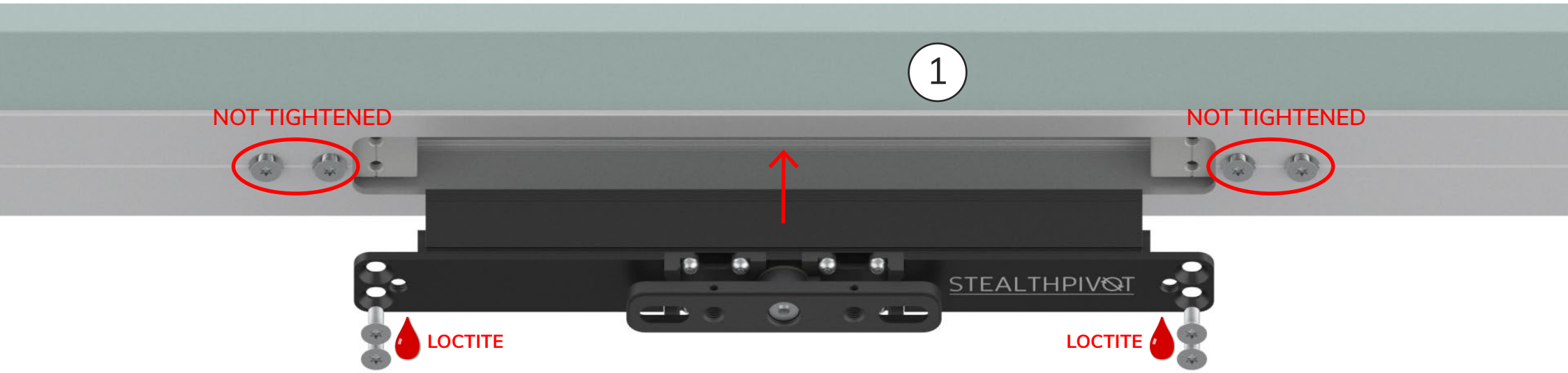
3



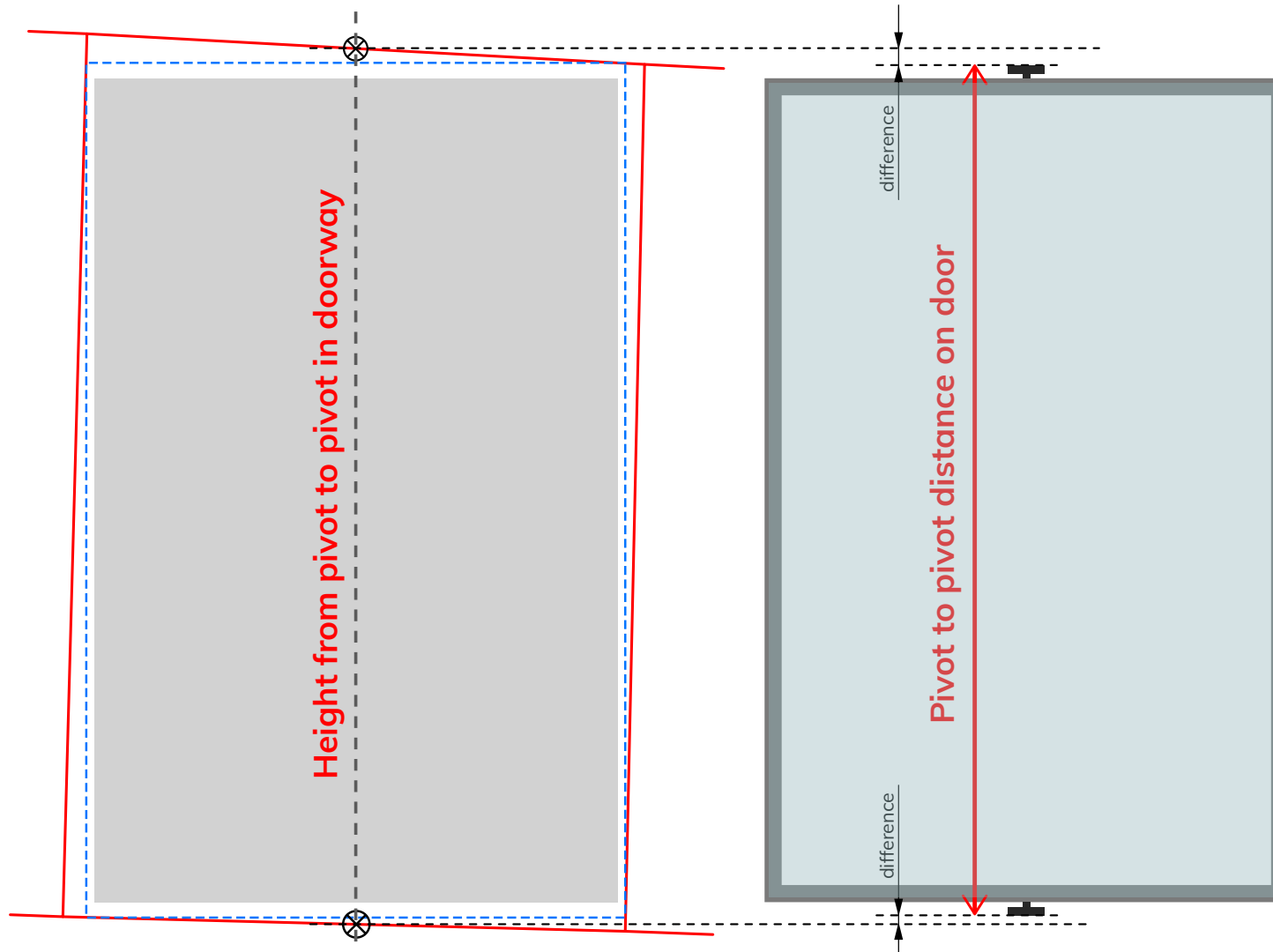
DON'T TIGHTEN FULLY YET!

DON'T TIGHTEN FULLY YET!

MOUNT HINGE



SYNCHRONIZE PIVOT AXIS HEIGHT IN DOORWAY



Compare the pivot to pivot distance of the door with the measured doorway height at the axis point.

Synchronize them if necessary, using a method described on the next page.

ADJUST HINGE HEIGHT / JOINT DIMENSIONS

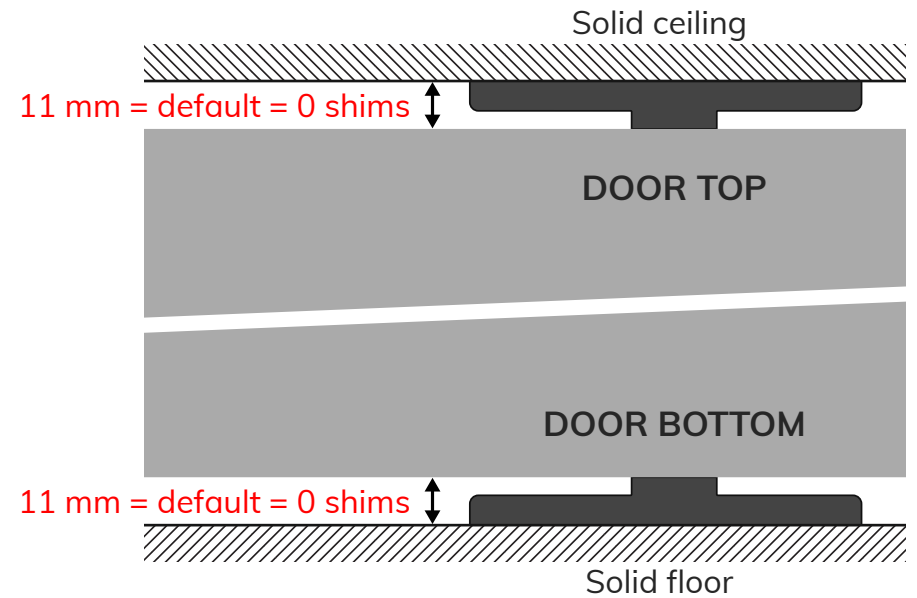
To increase the joint dimensions, there are 3 methods:



1. Use supplied shims between hinge and door leaf. This is the preferred method for the bottom hinge.



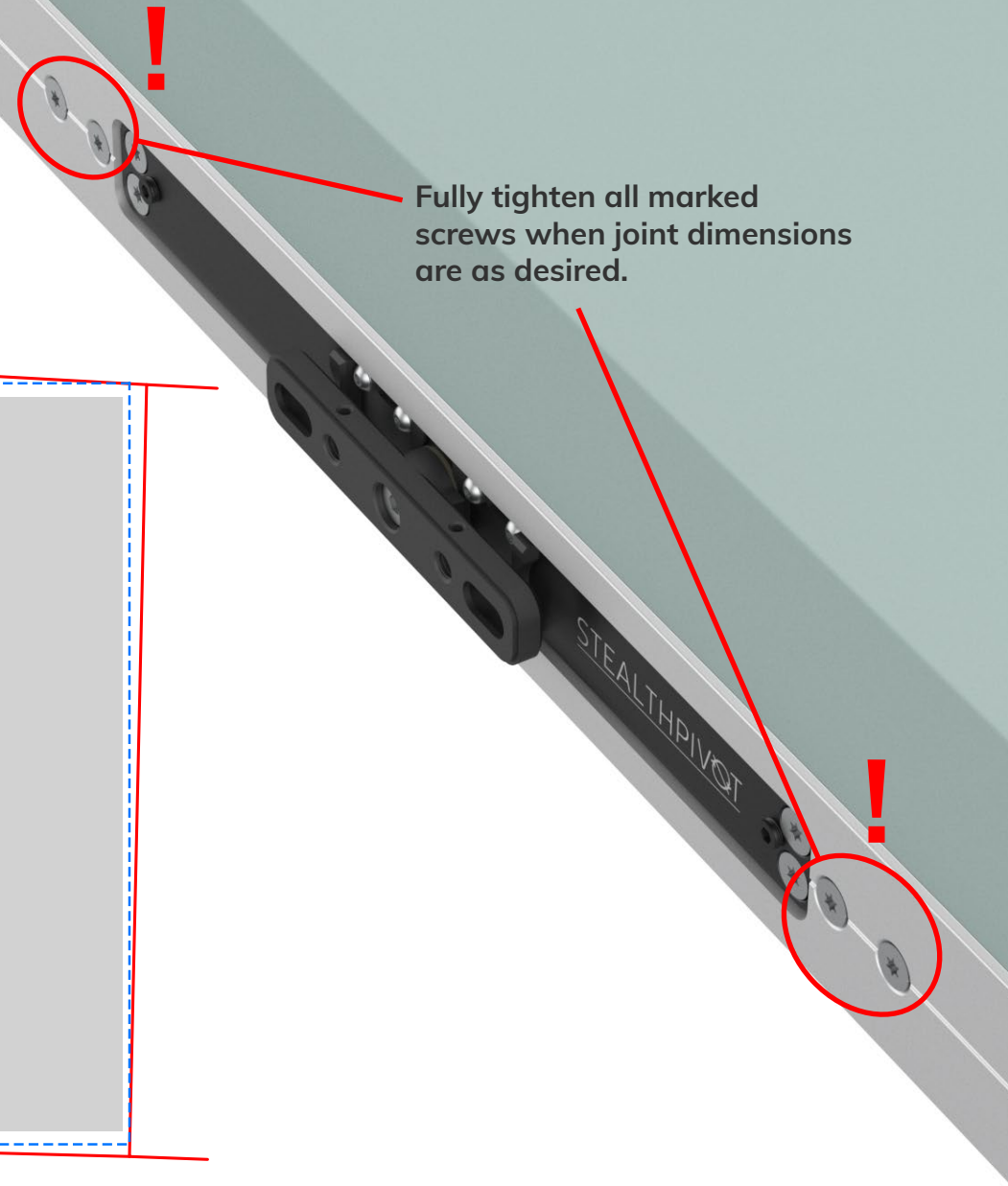
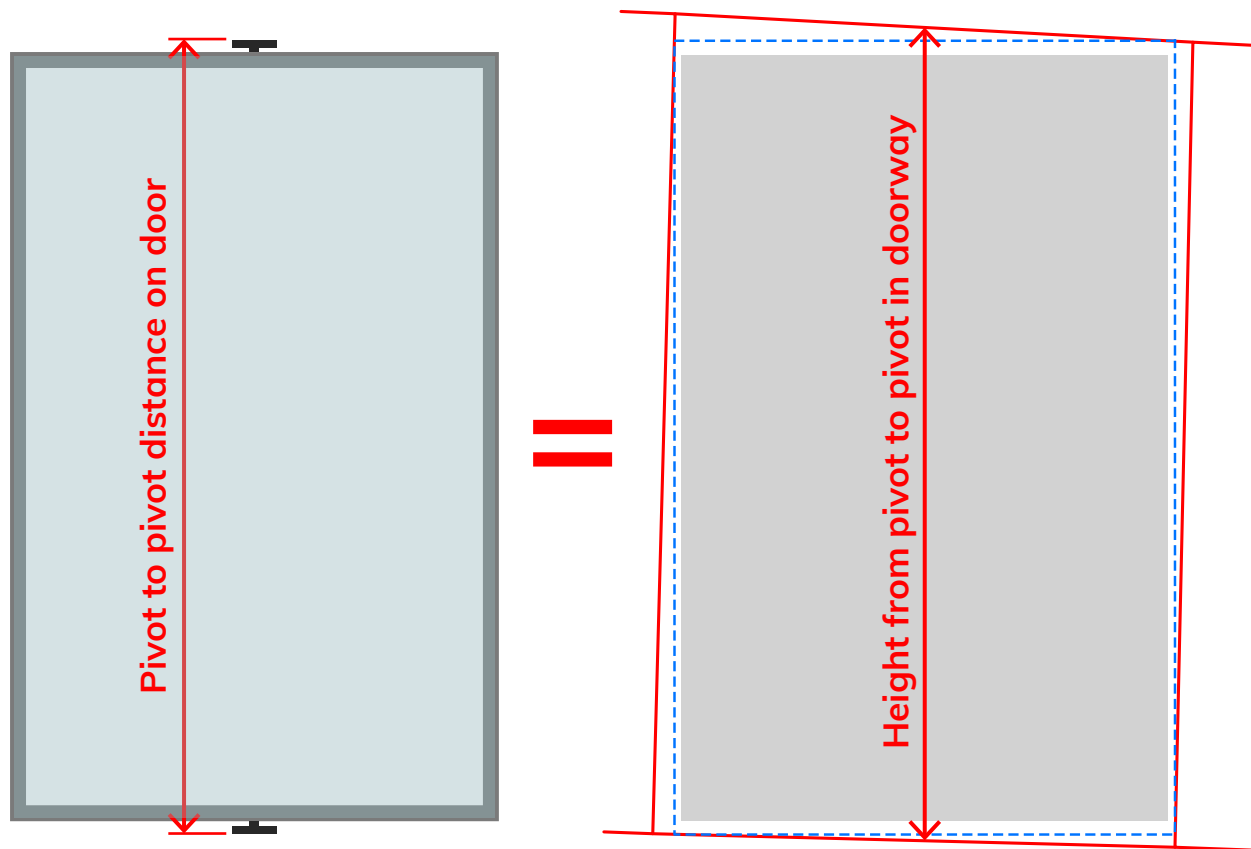
2. Use supplied shims between hinge and floor/ceiling (= less stable).

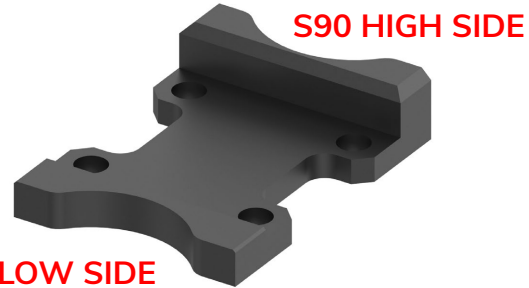
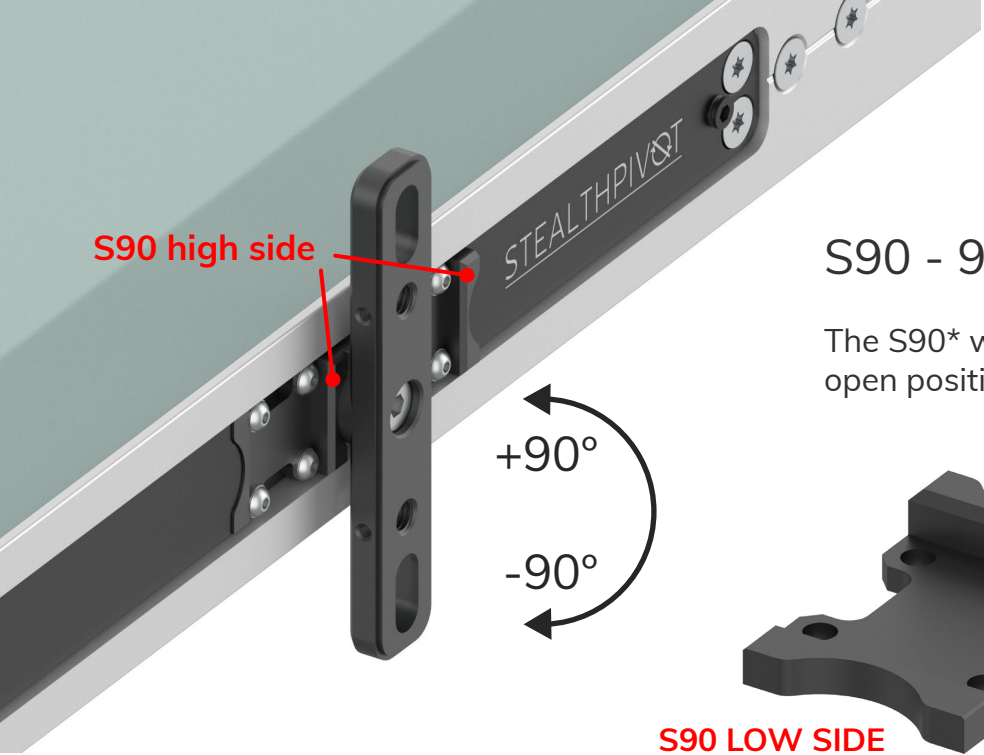


3. Adjust the inbus screws to move the hinge further away from the door leaf (loosen 4 hinge screws first).

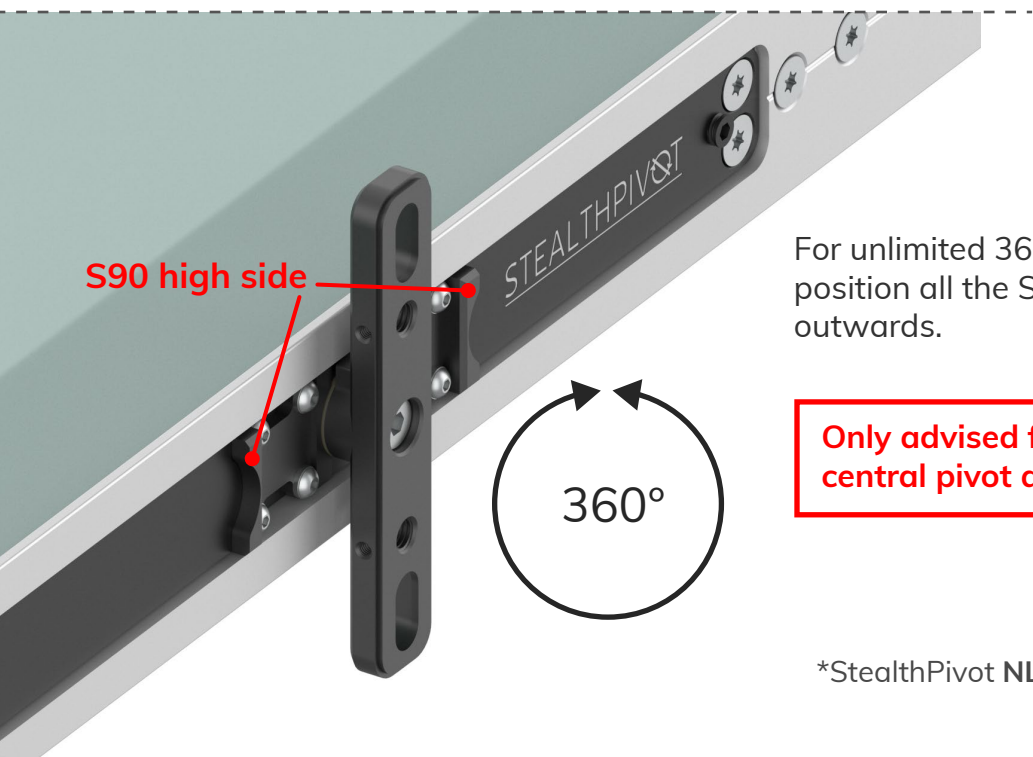
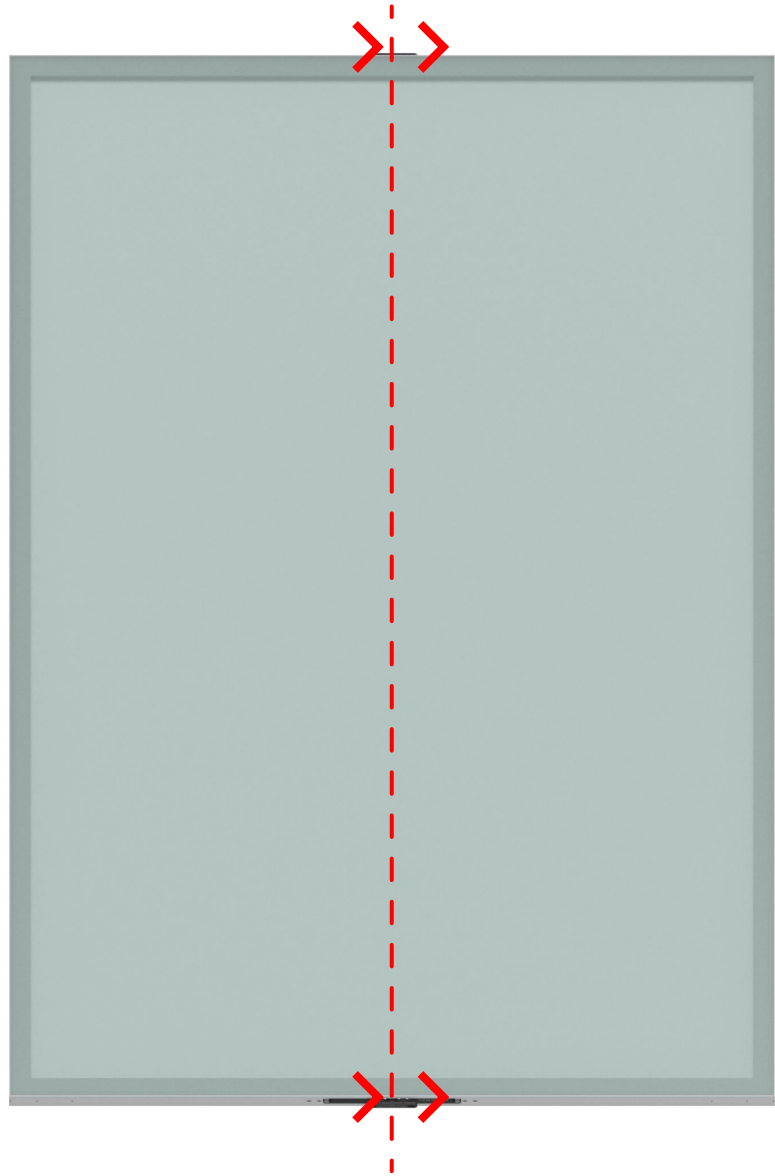
CHECK PIVOT TO PIVOT DISTANCE

Double check the pivot to pivot distance of the door with the measured doorway height at the axis point.

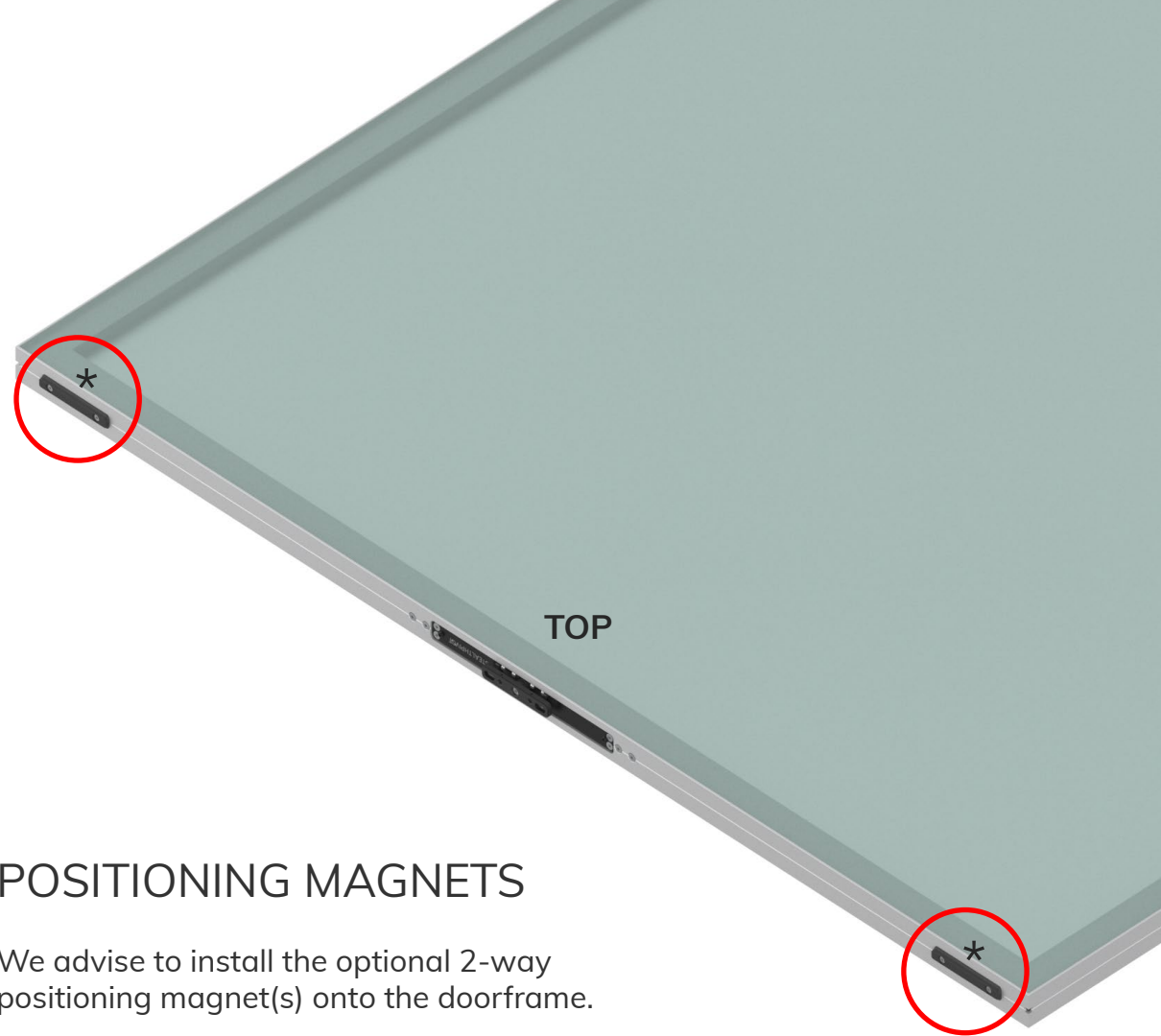
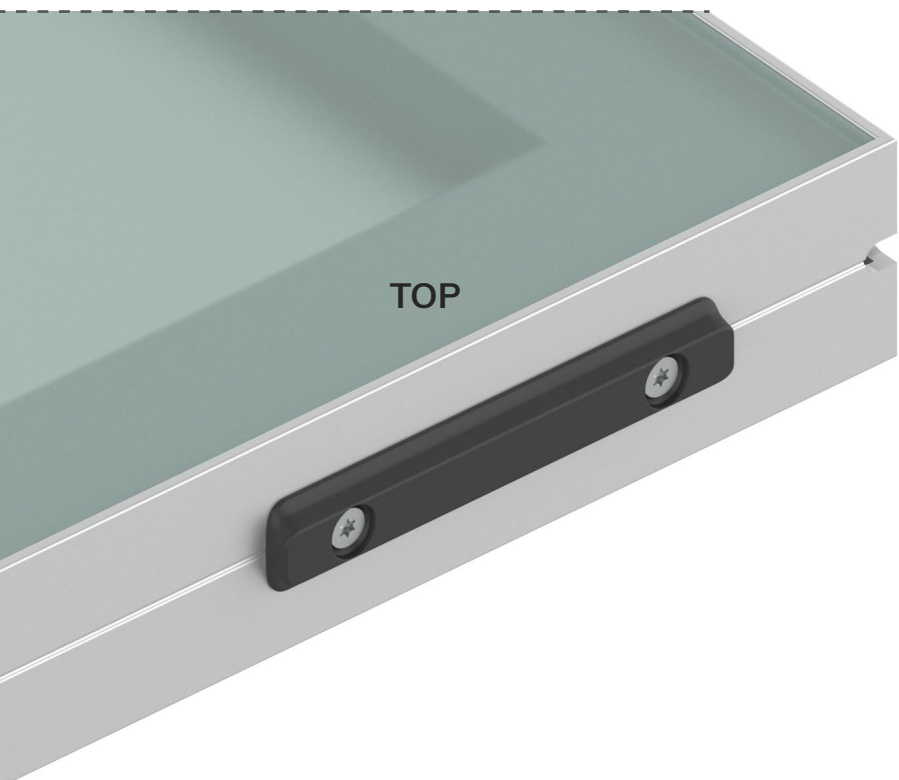
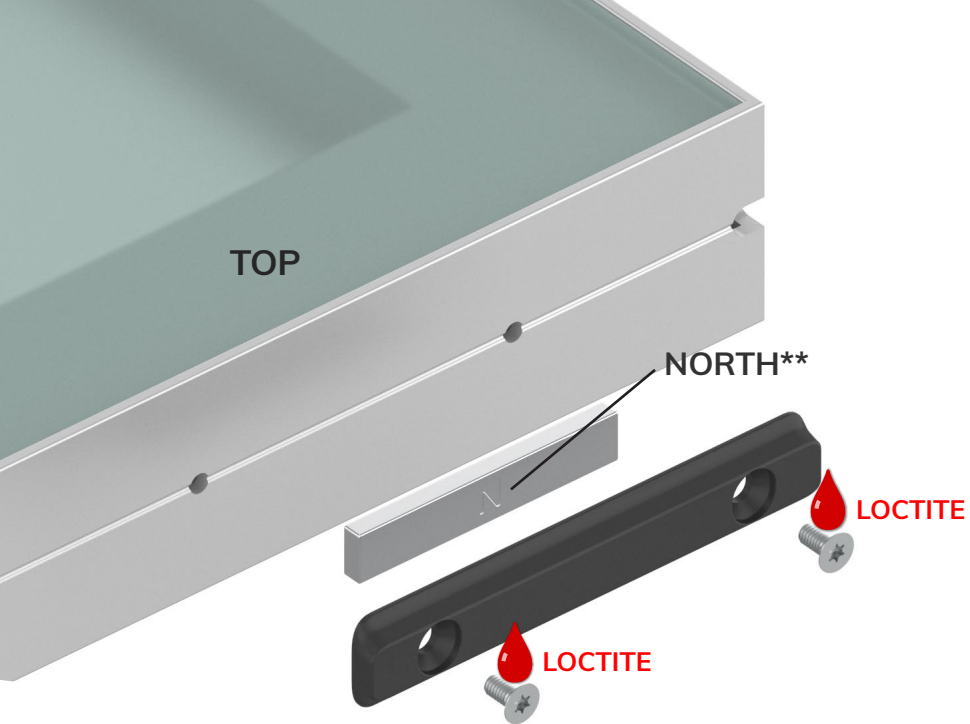




Make sure the S90* high sides are positioned identical for top and bottom hinges!



*StealthPivot **NL** has only one S90 per hinge



POSITIONING MAGNETS

We advise to install the optional 2-way positioning magnet(s) onto the doorframe.

**Always put NORTH side up on doors (so you can use SOUTH side for counter magnets).

(For counter magnets on the ceiling and/or 1-way operation, see 'Door installation manual')

*StealthPivot **NL** only has one 1-way accessory

For further instructions on how to install
the fully assembled door in your doorway,
please refer to the DOOR INSTALLATION MANUAL