

Mounting instructions panel wall T110 “monoblock edition”

(Single point suspension)



All parts are supplied except the screws and plugs to mount the tracks and wall stanchions. Be sure to get the right type of screws and plugs accordingly to the material you want to connect the tracks and wall stanchions to. For mounting the tracks please take note of the weight of the panel wall (can be found on the supplemented drawing) and make sure your plugs and screws are strong enough to hold that weight.

Check the packing list before starting.

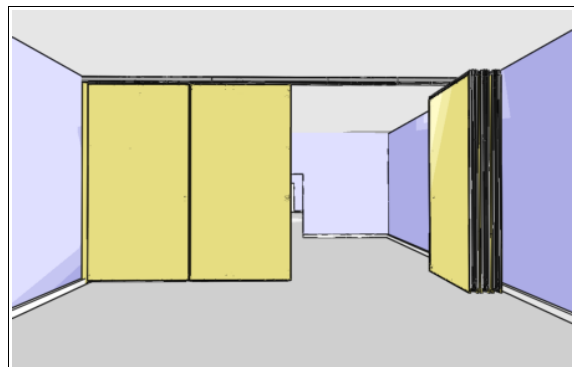
Supplement: A copy of the drawing with the panel placement

Recommended tools:

- Philips screwdriver set
- Socket screwdriver set
- Inbus set
- Wrench 13 (metric)
- Wrench 24 (metric)
- Drilling equipment suited for existing ceilings/walls

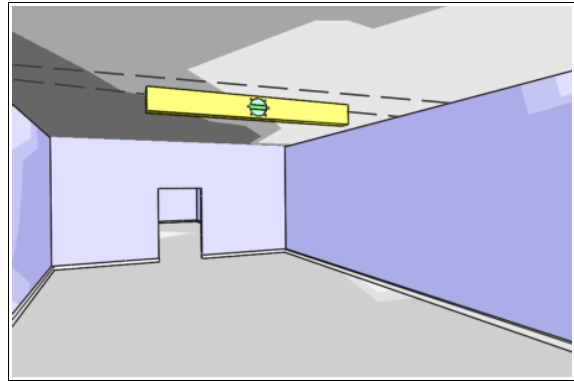
The installation of a Type 110 panel wall “monoblock edition” conceives of the following steps:

- 1- Upper construction**
- 2- Mounting track**
- 3- Mounting wall stanchions**
- 4- Placing panels**
- 5- Placing track fitting piece**
- 6- Standard panel adjusting**
- 7- Telescopic panel adjusting**



1. Upper construction

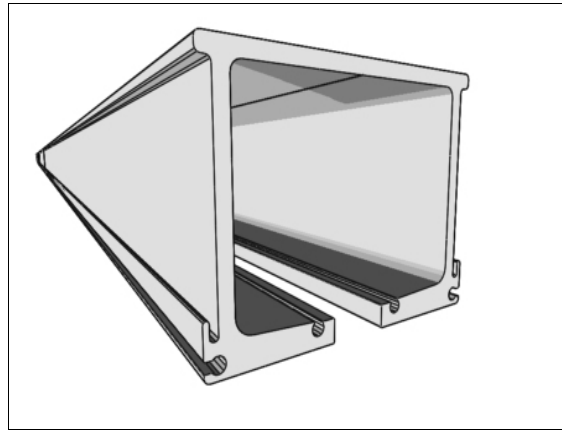
Before the tracks can be mounted the upper construction has to be sufficiently strong enough to hold the weight of the panels. This can be achieved in different ways, depending on the situation of the location where the wall is going to be placed. We recommend to mount the track beneath a construction of plywood (never use pine wood) because of the fact that it will simplify the mounting due to the good properties of plywood, it's level and does not reform easily. In any case the mounting surface has to be flat and completely level to achieve a proper working of the final construction. Be sure that everything is straight, level and not torqued. At the technical drawing supplemented the total weight can be found, keep in mind that the stacking area has to be able to hold the total weight of all the panels when the wall is in open position!



Note: ATTACA can not be held responsible for improper construction and or use of wrong materials used in the upper construction.

2. Mounting track

After completion of the upper construction according to mentioned restrictions, the track can be mounted.



- The track is at least divided in two pieces, main track and a fitting part
- Mount the main part(s) first, secondly mount the fitting part (supplied drawing). This fitting part will be removed later in order to hang the panels, but for now it has to be placed along to complete the total track first.

Two track parts need to be aligned with the supplied fitting pins. After inserting them in one piece of the tracks they can be slid into place accordingly to fig. 2.2.

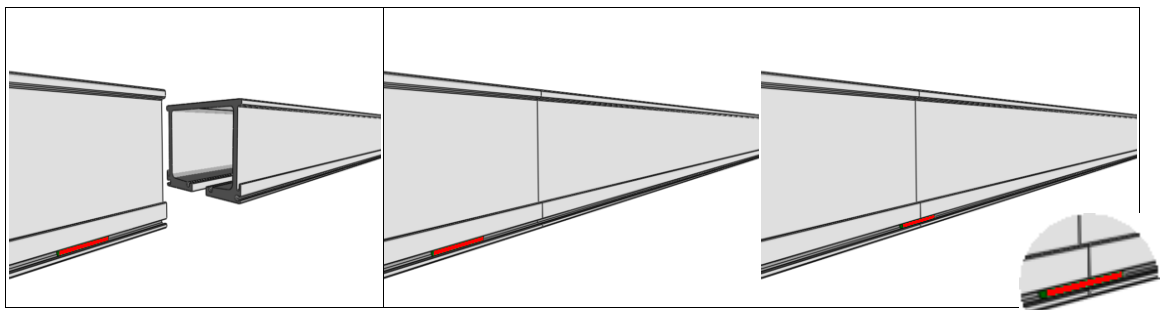


Fig. 2.2 Aligning sections with the fitting pins

After completion of mounting the tracks it is very important to re-check the track for good levelling (fig. 2.3) , no torque and a good alignment.

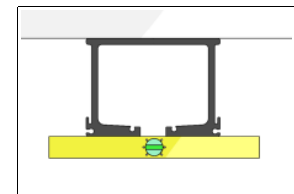
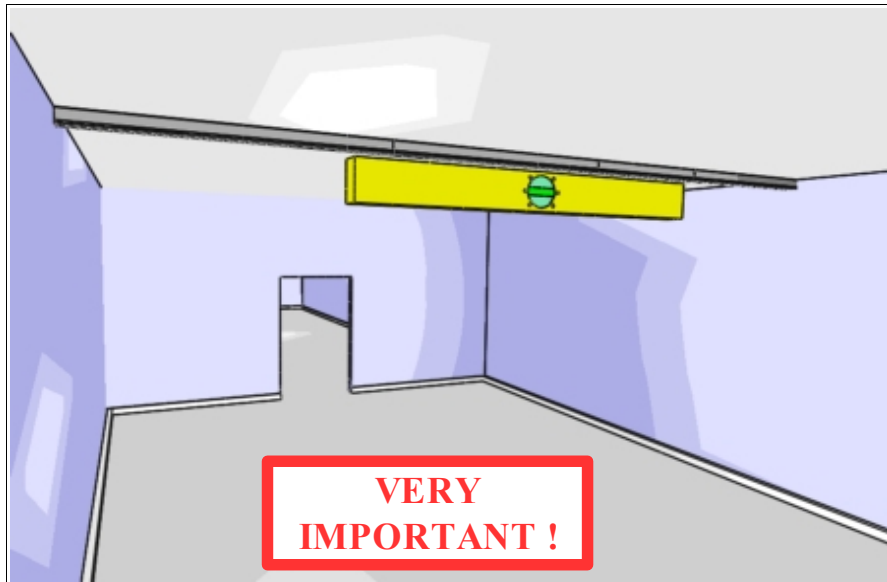
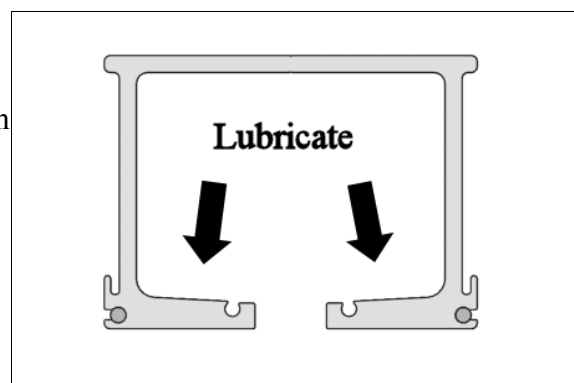


Fig. 2.3 Construction level, no torque and aligned.

Clean and lubricate

Use the provided cloth to clean the track of any debris (inside and out), to ensure a good and clean running face for the wheels. After cleaning the track the inside running face can be lubricated with the provided teflon lubrication (Put it on a cloth and apply a small film over the running face. As shown in picture.



3. Mounting wall stanchions

With the track completed, the wall stanchions can be put in place. There are two different wall stanchions in the package. One with an aluminium profile (MSS) and one with a colored cover plate (MST). Where to put the different stanchions can be seen in the drawing provided as a supplemental.

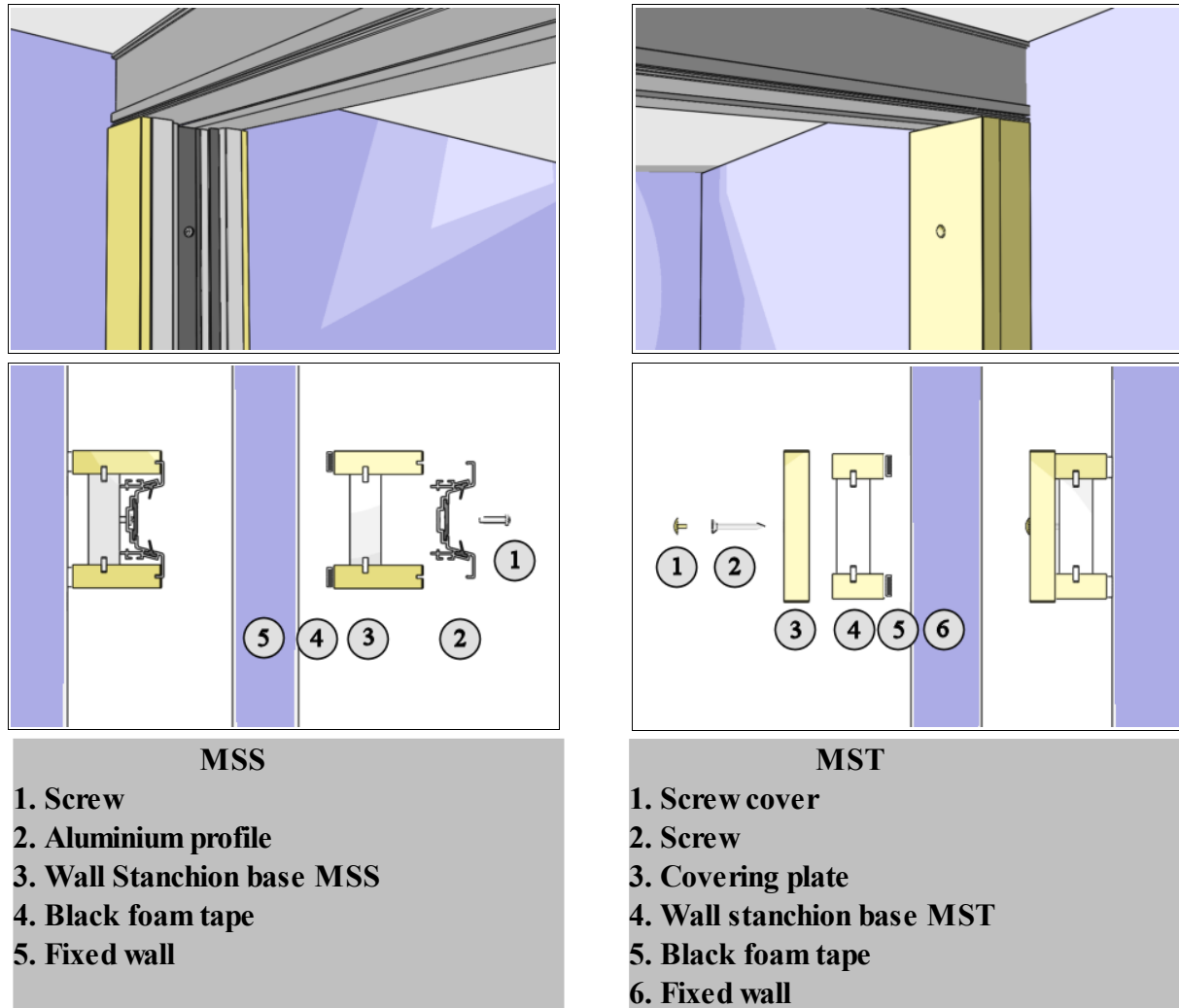
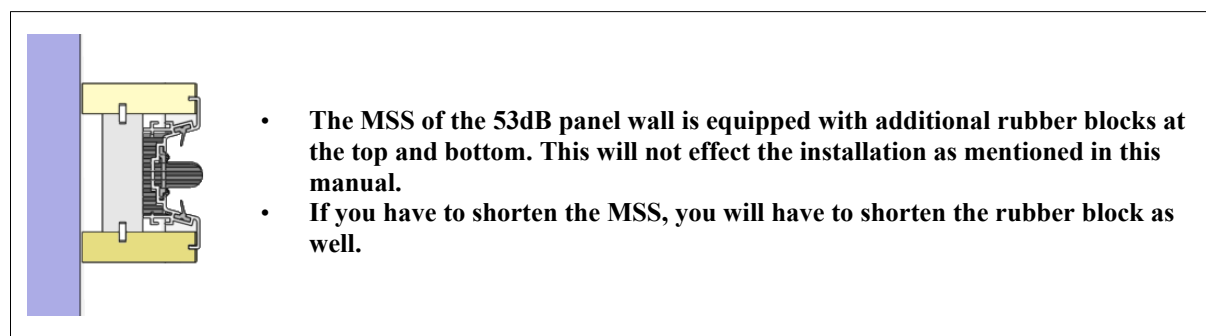


Figure 3.1 Difference MSS & MST and built up.



Start with placing the top of the stanchion directly in contact with the tracks. The stanchion has at the bottom a shorter beam already in place to simplify the shortening if necessary (this is also how you can distinguish the top fig. 3.2.1. and bottomsides figure 3.2.2.

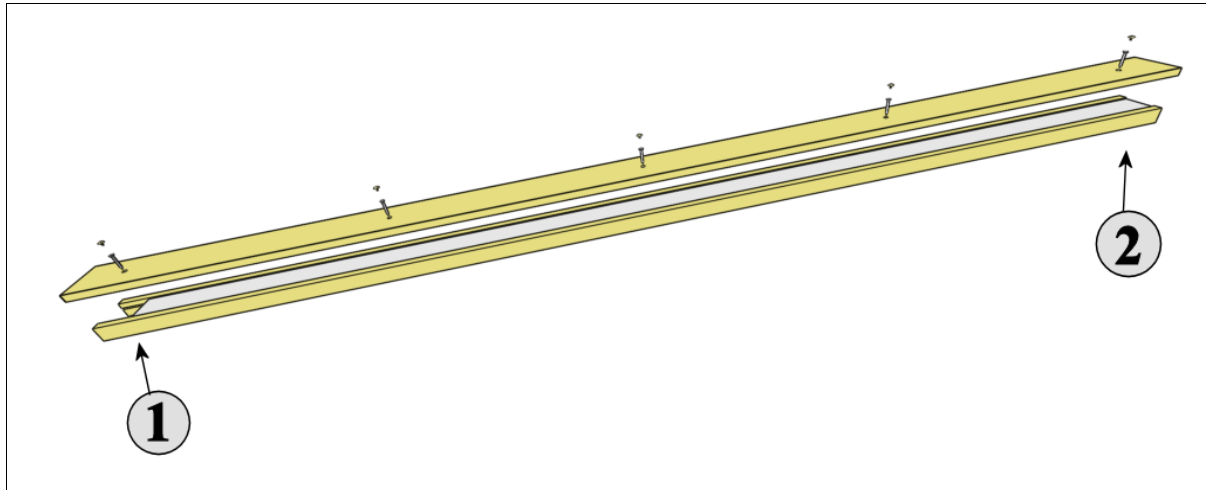


Fig 3.2 1 Bottom of wall stanchion (MST)

2 Top of wall stanchion (MST)

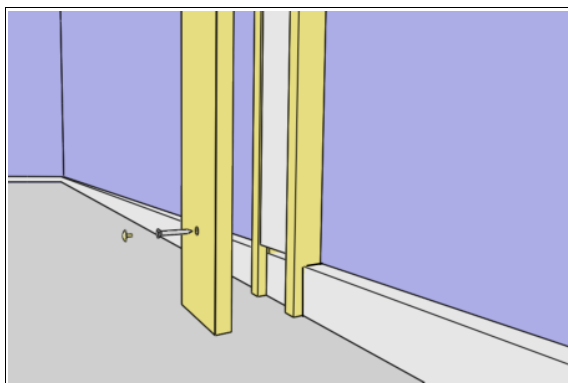


Fig. 3.4 Plinth cut away (MST)

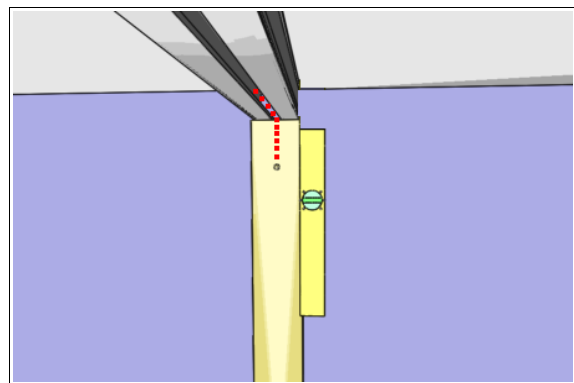


Fig. 3.5 Stanchions placed in the heart and level (MST)

This shortened beam gives also an easier opportunity to cut out any plinth openings if necessary (fig. 3.4).

To achieve a good sealing between the wall and the stanchion, black foam tape is provided. Paste it at the back of the stanchions before mounting the stanchion to the wall.

When mounting the MSS the aluminium profile has to be removed first (fig. 3.6).

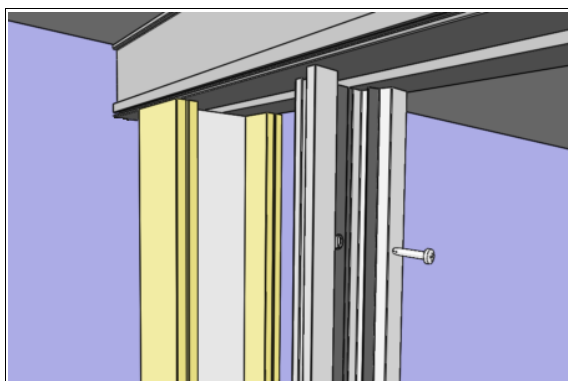


Fig. 3.6 Removed aluminium profile

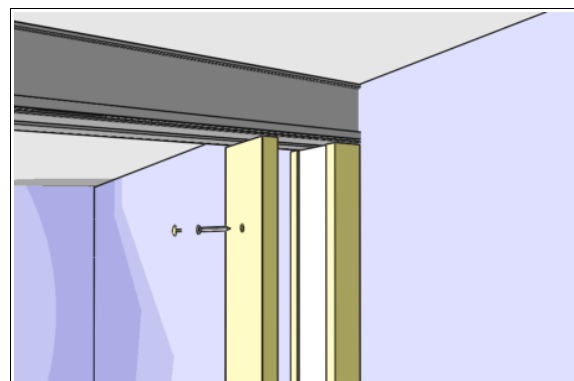


Fig 3.7 Mounting covert plate

Now mount the stanchion to the wall and replace the aluminium profile. Be sure to exactly line it up under the heart of the track – en level it straight down (fig. 3.5)

The mounting of the MST to the wall is done without the covering plate. Again mount it straight underneath the heart of the tracks and completely level. Afterwards mount the cover plate with the provided screws and place the screw covers. (Figure 3.8 & 3.9)

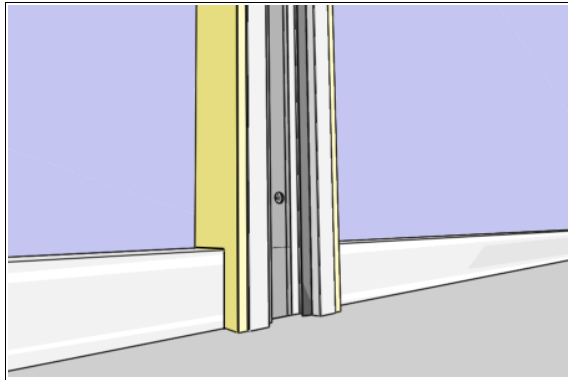


Fig 3.8 Finished MSS (with plinth opening)

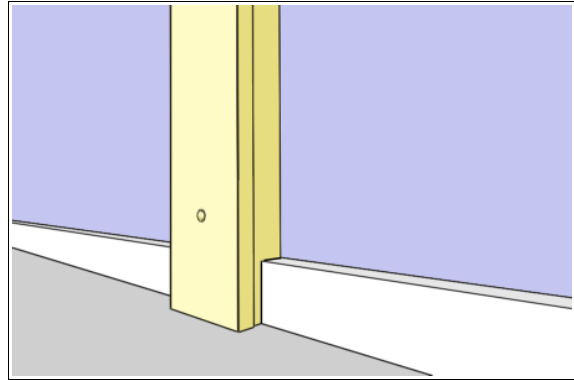
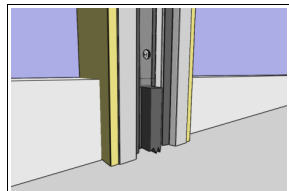
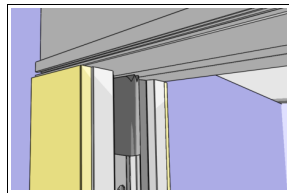


Fig 3.9 Finished MST (with plinth opening)



• **The MSS of the 53dB panel wall is equipped with additional rubber blocks at the top and bottom. This will not effect the installation as mentioned in this manual.**

• **If you have to shorten the MSS, you will have to shorten the rubber block as well.**

4. Placing panels.

With the wall stanchions in place, the panels are next. First we remove the fitting part mentioned before (fig. 4.1 & 4.2). The panels should be mounted accordingly to the order as shown in the provided drawing. It's custom to move the panels into the direction of the stacking area (fig 4.3 & 4.4).

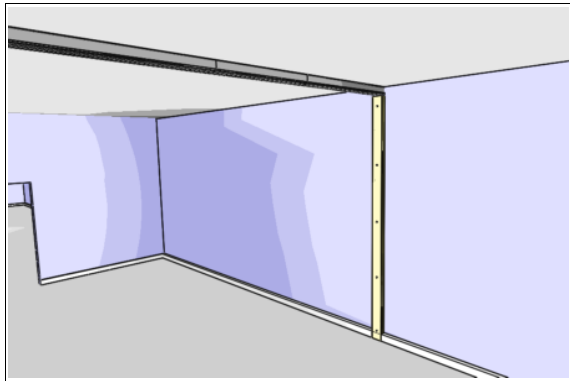


Fig. 4.1 track before removing fitting part

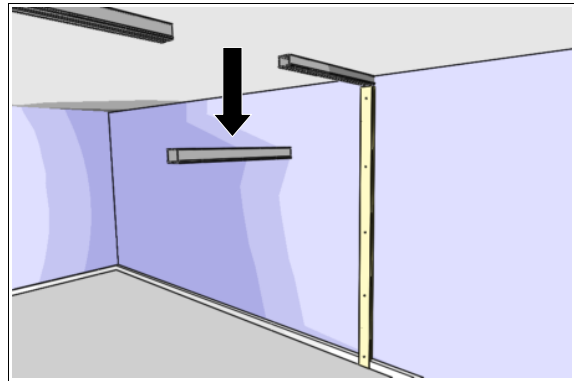


Fig. 4.2 Removed fitting part

Now you can insert the panels.

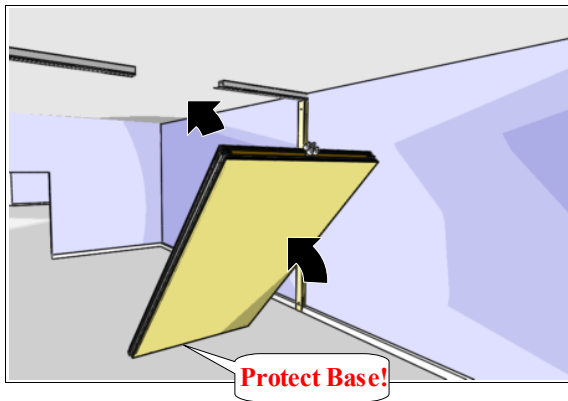


Fig 4.3 Lifting a panel up (Be sure to protect the base with some soft material when tilting te panel)

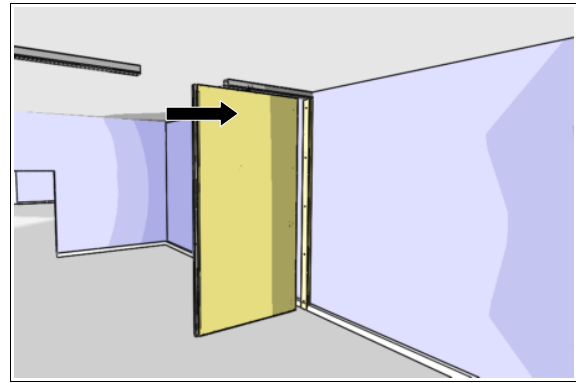


Fig 4.3A TP Panel wheel sliding into track

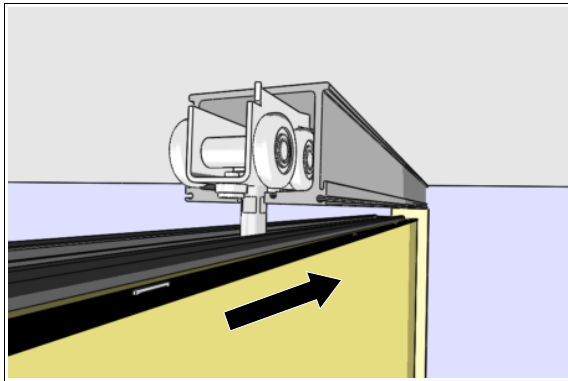


Fig. 4.4 Detail of TP wheel sliding into track

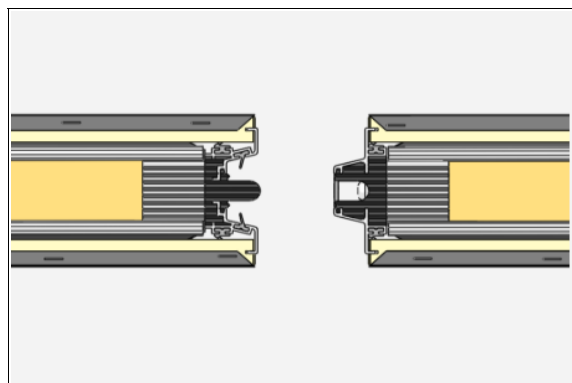
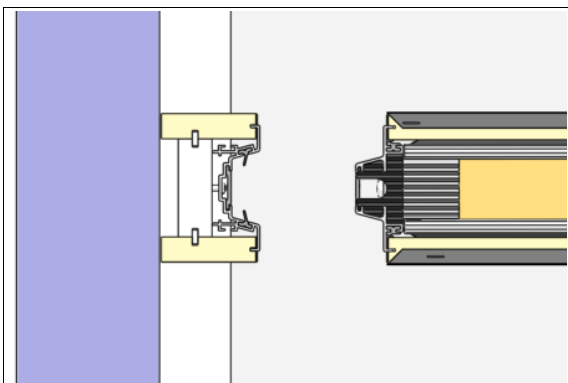


Fig 4.5 & 4.6 Pay attention that profiles are directed the right way so they are able to connect properly

5. Fitting part re-mounting.

After all panels are in good order on the tracks, the fitting part can be re-mounted. First hang it “loose” with only two screws, then slide the fitting pins into place for proper alignment. Check the alignment and finish all the remaining screws (fig. 5.1 & 5.2)
(This is the reversed step as shown in fig. 4.1 & 4.2)

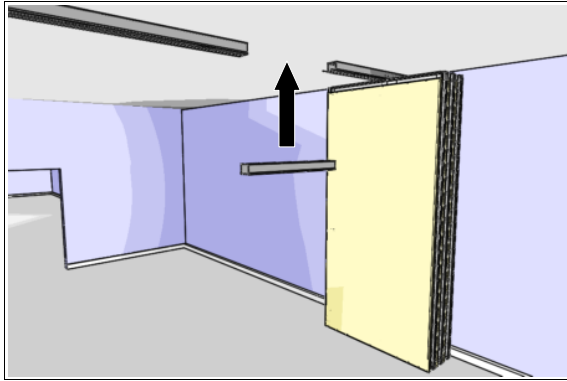


Fig. 5.1 re-mounting the fitting part

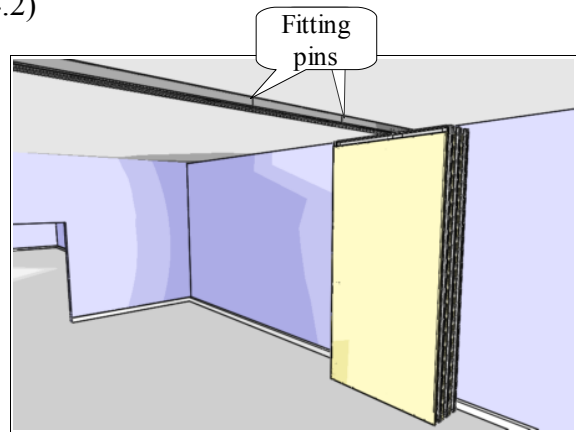


Fig. 5.2 remounted

6. Standard panel adjusting.

With all the panels hanging from the track, it could be possible they need some height adjustment (fig. 6.1). The best way to do this, is to put all the panels in the final closing position without cranking any of the pressure blocks. This way we are able to adjust height of the panels in order to accomplish an equal height for all the panels. (Try to evenly distribute the empty space at the top and bottom of the panels, also look from a distance to see if the visual line-up is straight). When encountering sloping floors or bulbs choose the best alignment possible.

To adjust the height of the panels first loosen the lock nut (1 in figure 6.2) with wrench 24. Now it is possible to adjust the height by turning the connection bolt (2 in figure 6.2) with wrench 13 at the flattened faces. (fig. 6.2)

Note: Do not forget to tighten the lock nuts after adjusting!

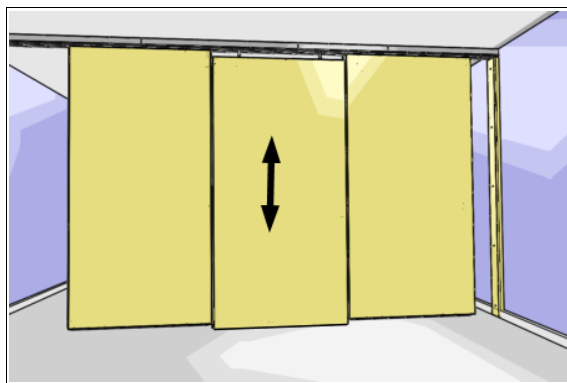


Fig. 6.1 Height differences

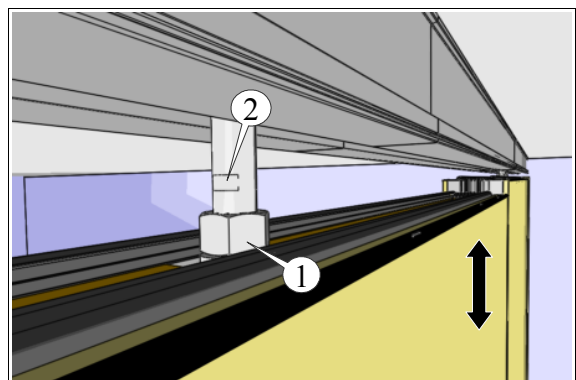


Fig. 6.2 Adjusting height

7. Telescopic panel adjusting

By factory standard the telescopic panel should be aligned already. With the crank the panel should extend and produce sufficient force to close the panel wall at the stanchion (fig. 7.1)

Note: Never close a telescopic panel without all the other panels in place and closed!

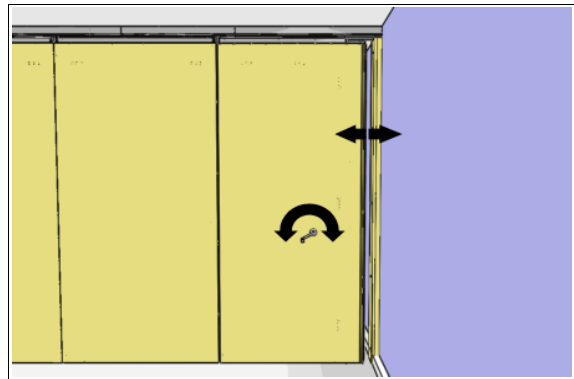


Fig. 7.1 Normal closing/opening telescopic panel

In the rare case you will need some sideways adjusting to restrain the force of the sideways moving pressure block, there are two inbus bolts which can be used to restrain the maximal stroke of the pressure block. (fig. 7.2) Restraining the stroke is turning clockwise. Enlarging the stroke is turning counter clockwise.

Fig 7.3 & 7.4 Shows the proper working of the telescopic panel and how it will connect to the stanchion (MST)

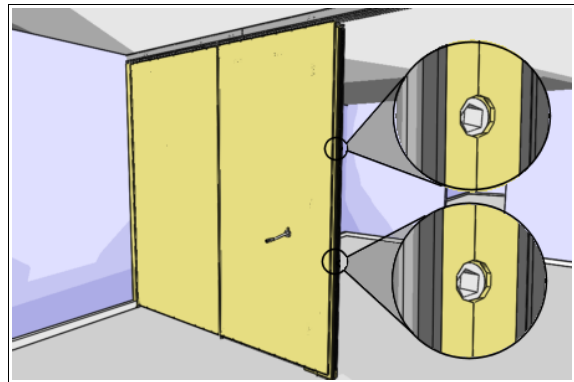


Fig. 7.2 Inbus bolts to adjust force and width

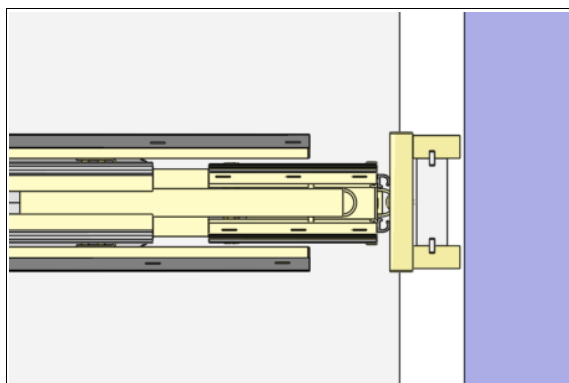


Fig. 7.3 Telescopic panel closed (top view)
(top view)

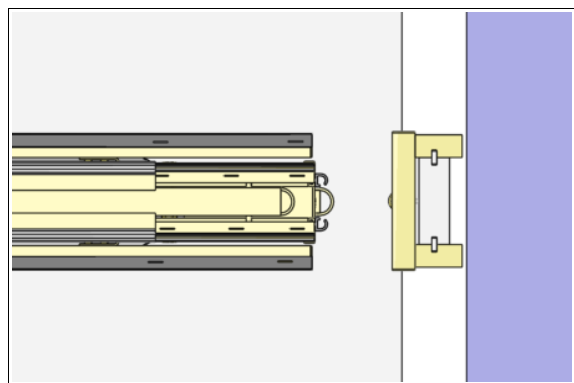


Fig. 7.4 Telescopic panel open