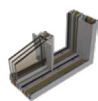


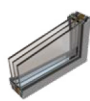
U.minimal

ULTRA MINIMAL FRAMES

less frame... endless view...



SLIDING
M-SL



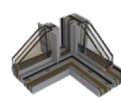
FIXED
M-FXd



POCKET
M-PCt



GUILLOTINE'S
M-GL

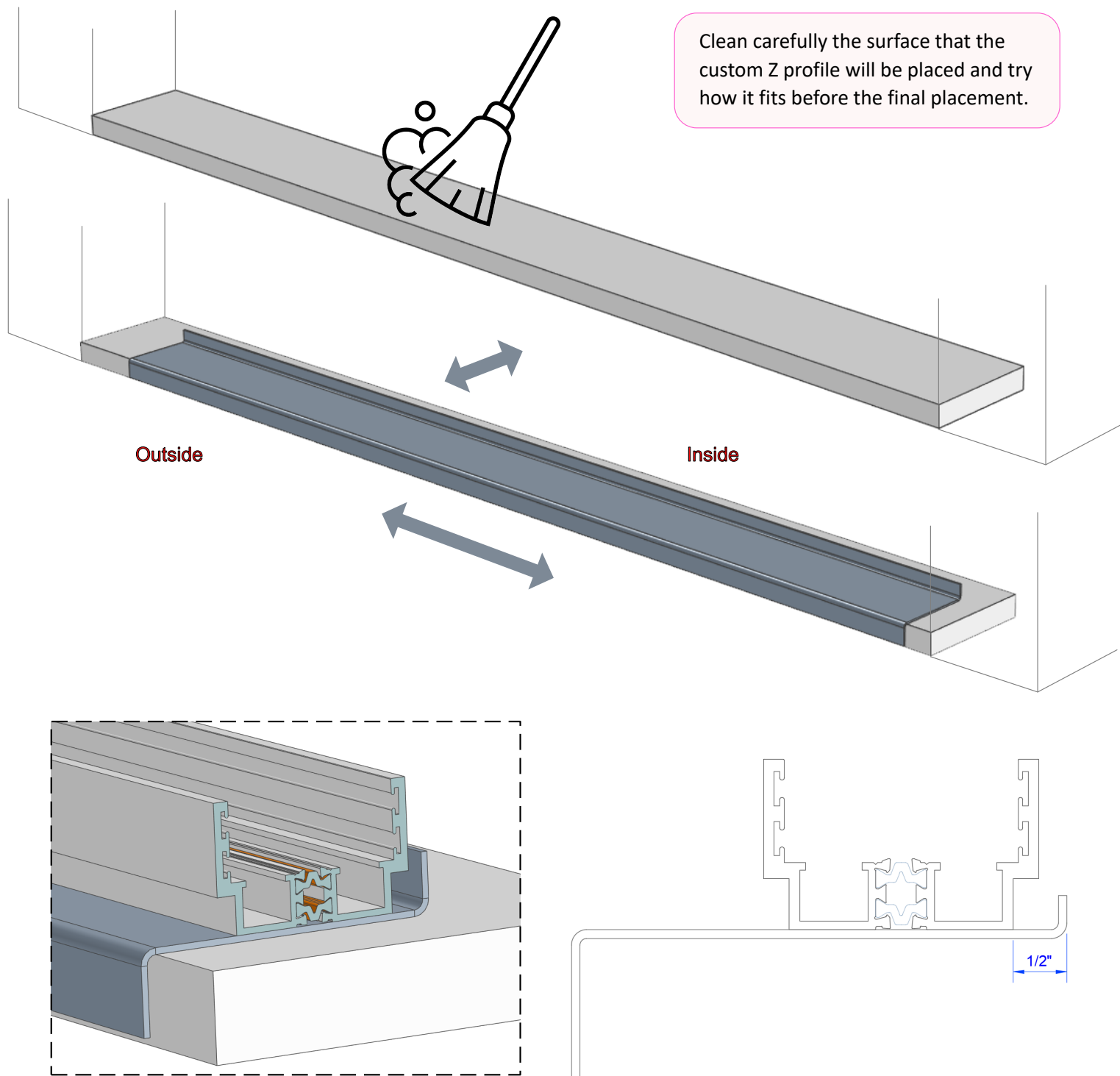


CORNER
M-CR



INVISIBLE
M-IN

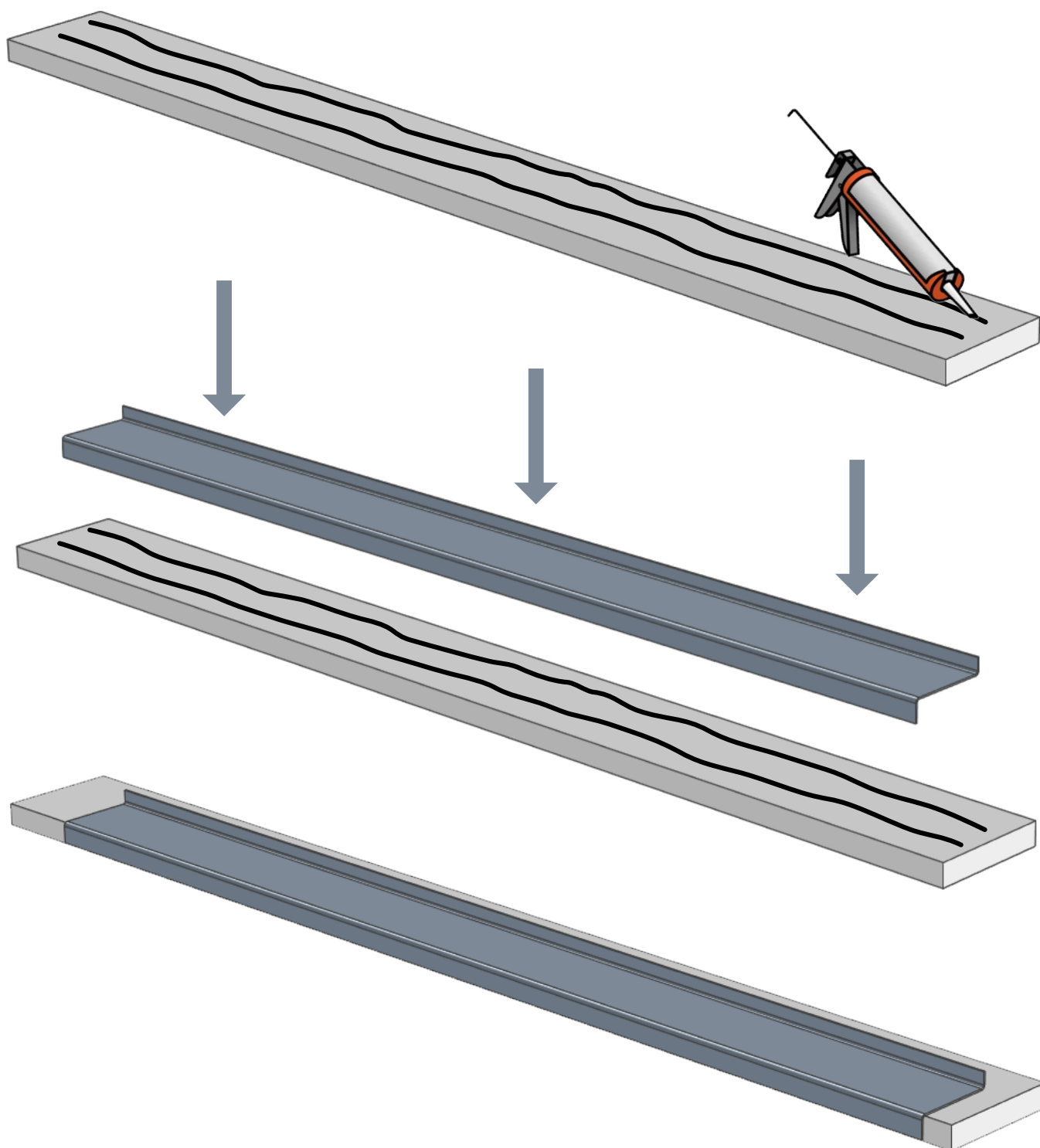
Preparation



The Z profile must exceed the inner frame profile 1/2" as shown in drawing. On each side the Z profile needs to be flushed with the frame profile ends.

Drainage fitting

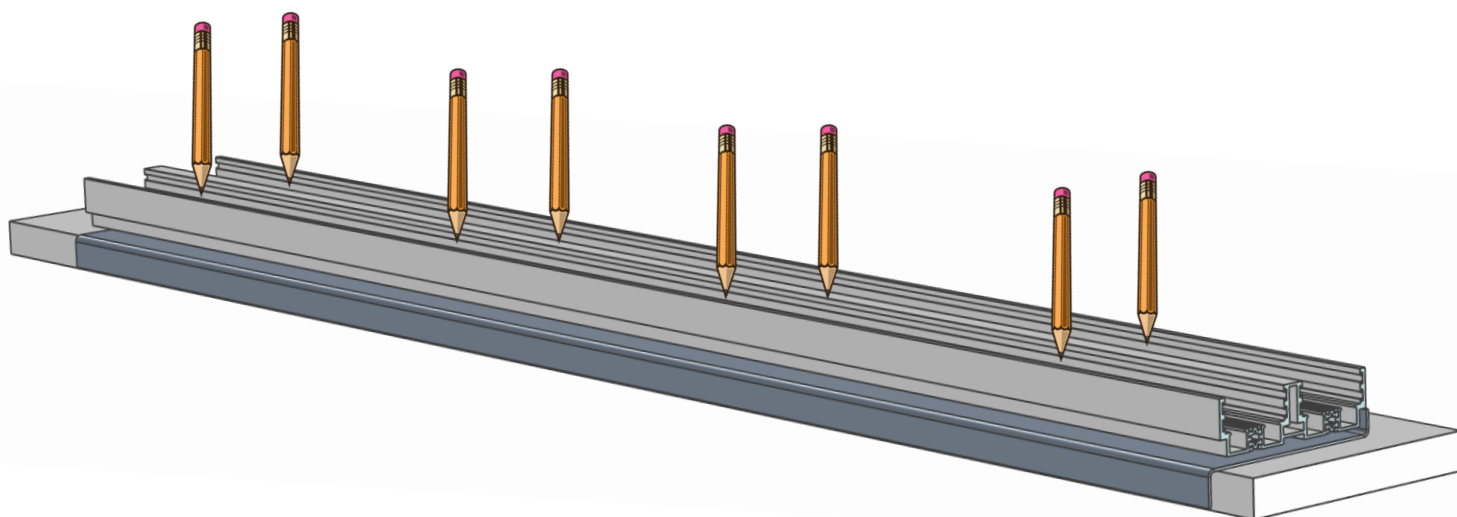
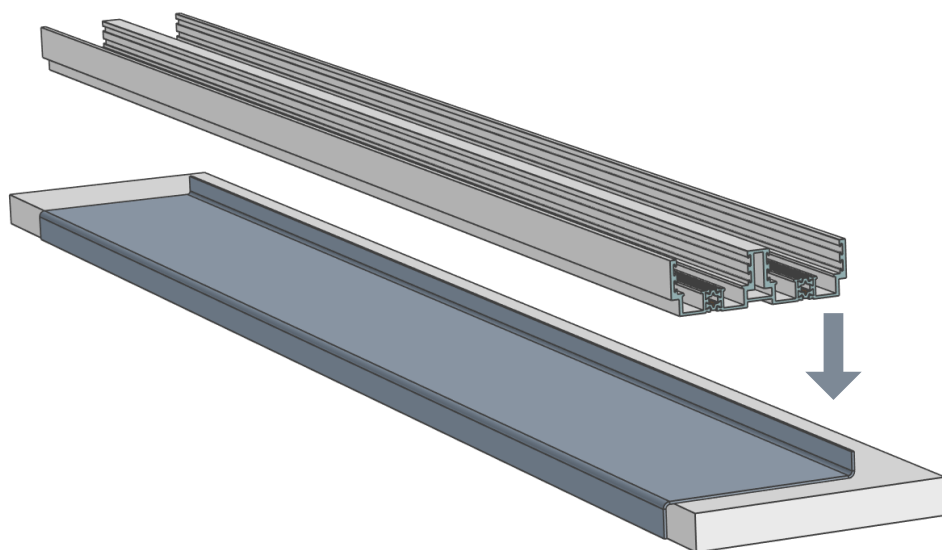
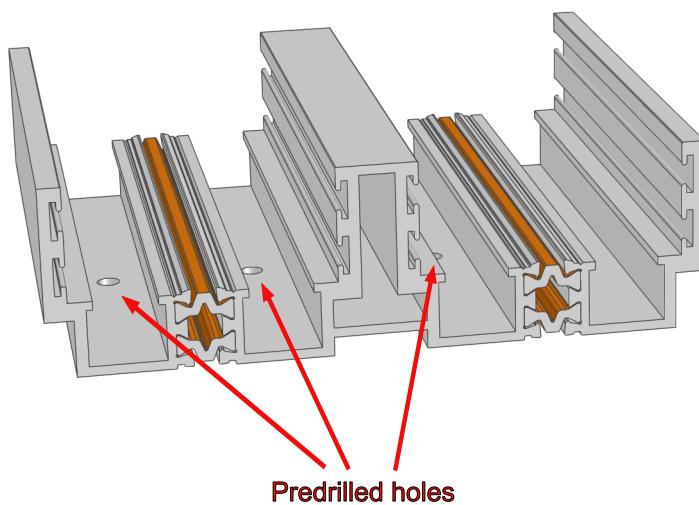
After confirming the final place of the Z profile according to project drawings apply two thin layers of elastic adhesive on the surface, place the Z profile and press it in order to fit perfectly.



Drainage holes

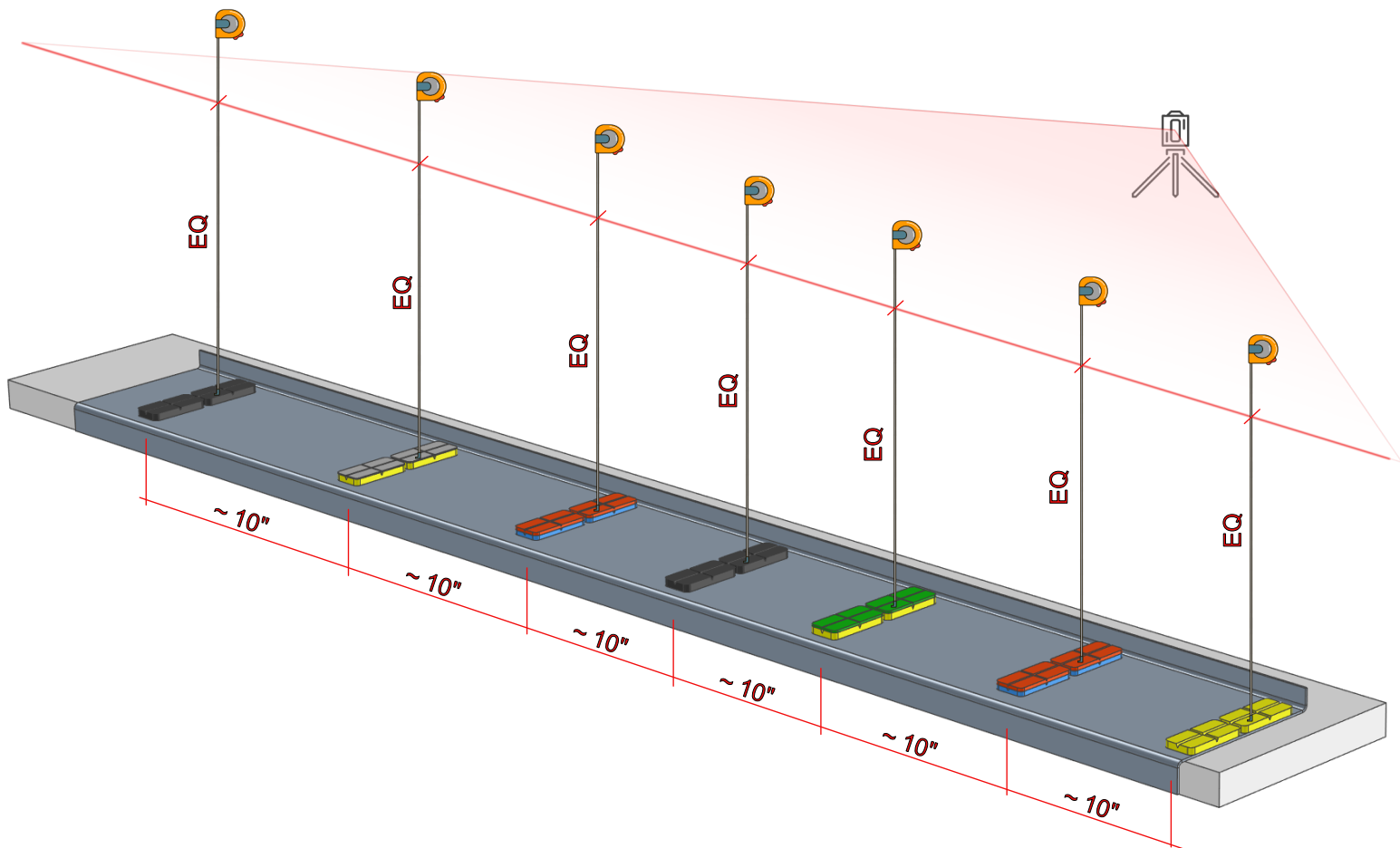
Bottom rail of the unit is predrilled with drainage holes in specific positions (depending on type and typology of the unit) for water drainage.

Before proceeding to the next step (leveling-placing shims under bottom rail), place the bottom rail temporarily in its final position and mark all drainage holes on the Z profile, after that remove the bottom rail.



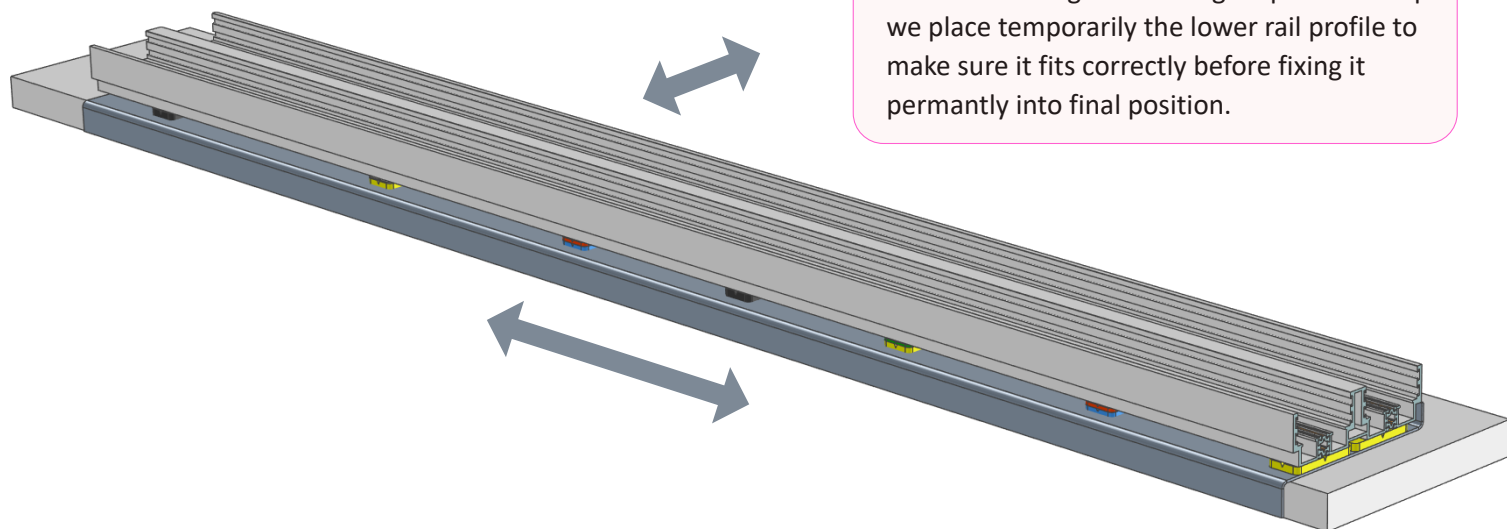
Leveling

Place sims in lines at ~10" distance (avoiding to cover the marks of drainage holes). Place as many shims needed to achieve leveling of the unit with finished floor when the whole unit is assembled (see project drawings for more details regarding profiles assembly and critical measurements). Use laser level and measure tape for leveling.

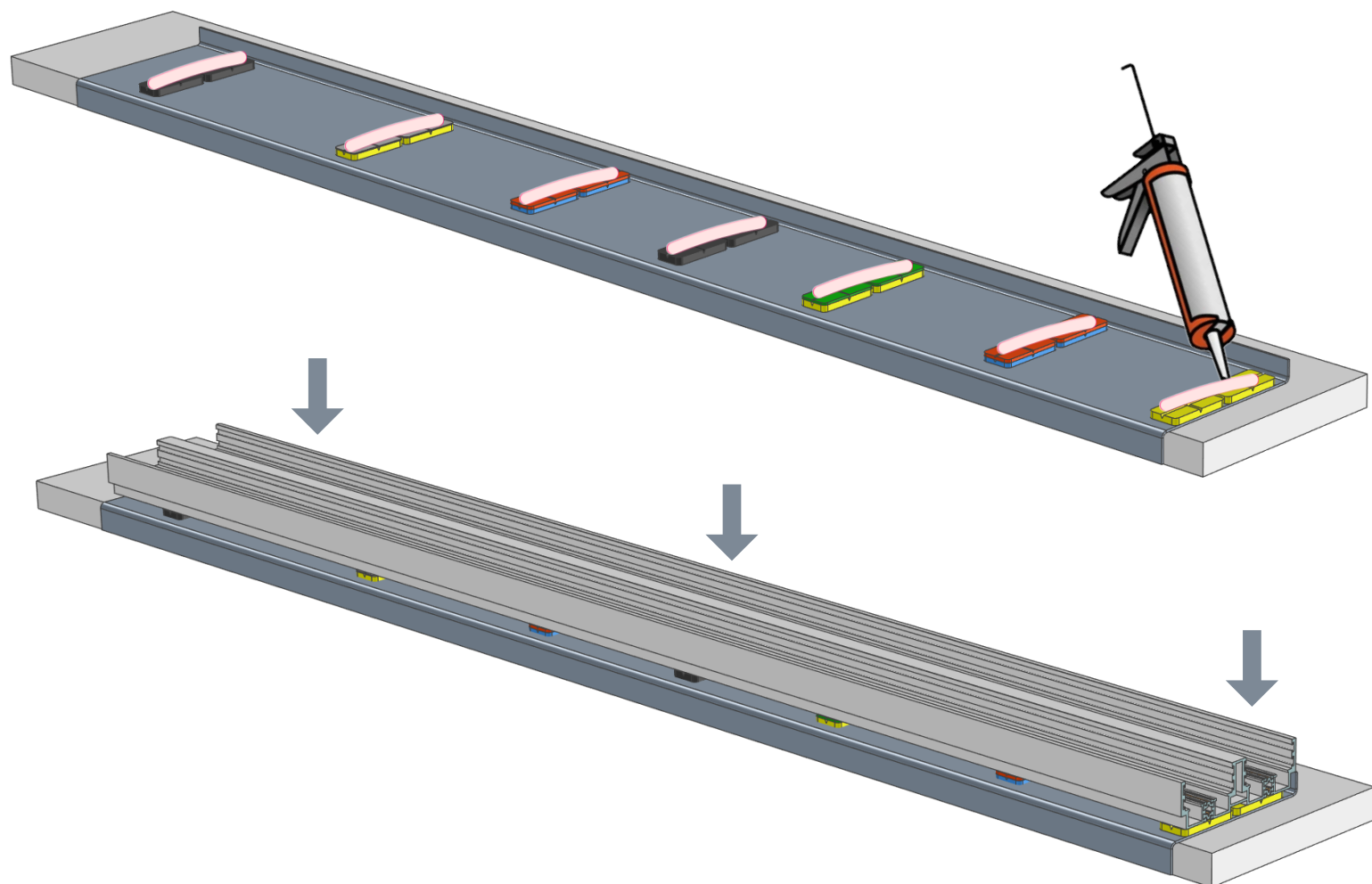


This is the most crucial part of installation process! If bottom rail is not precisely leveled you will face many problems after installation.

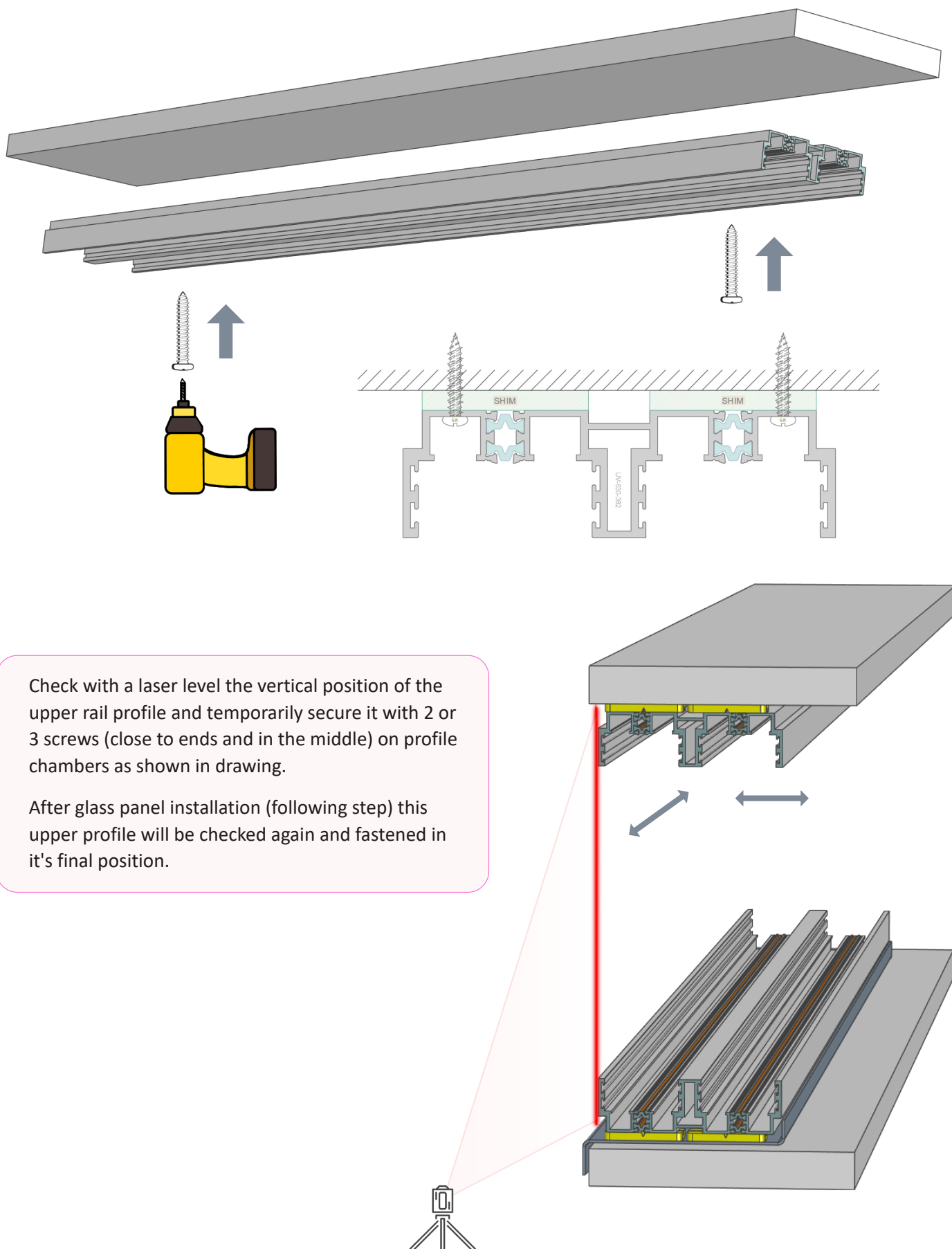
Base rail installation



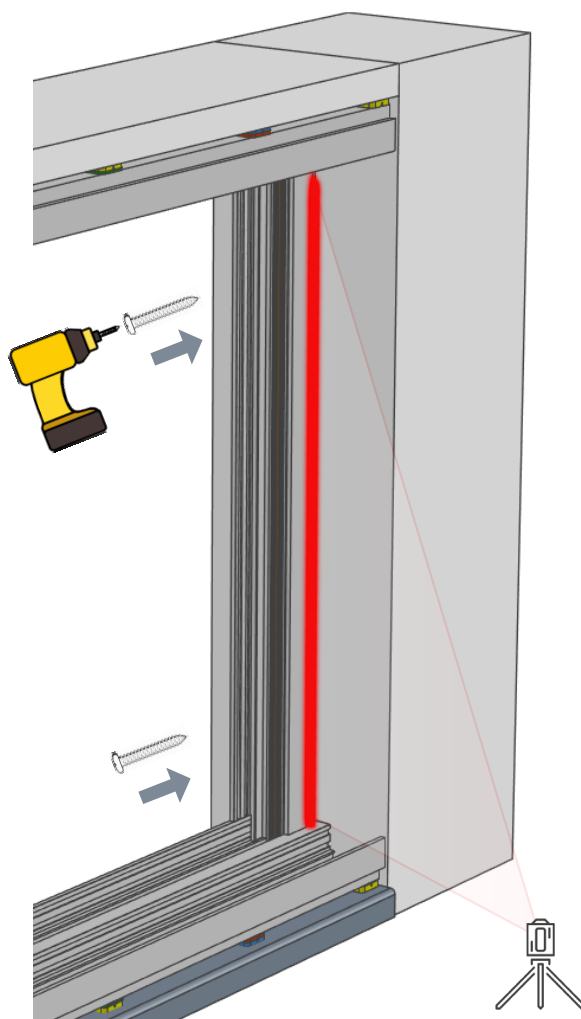
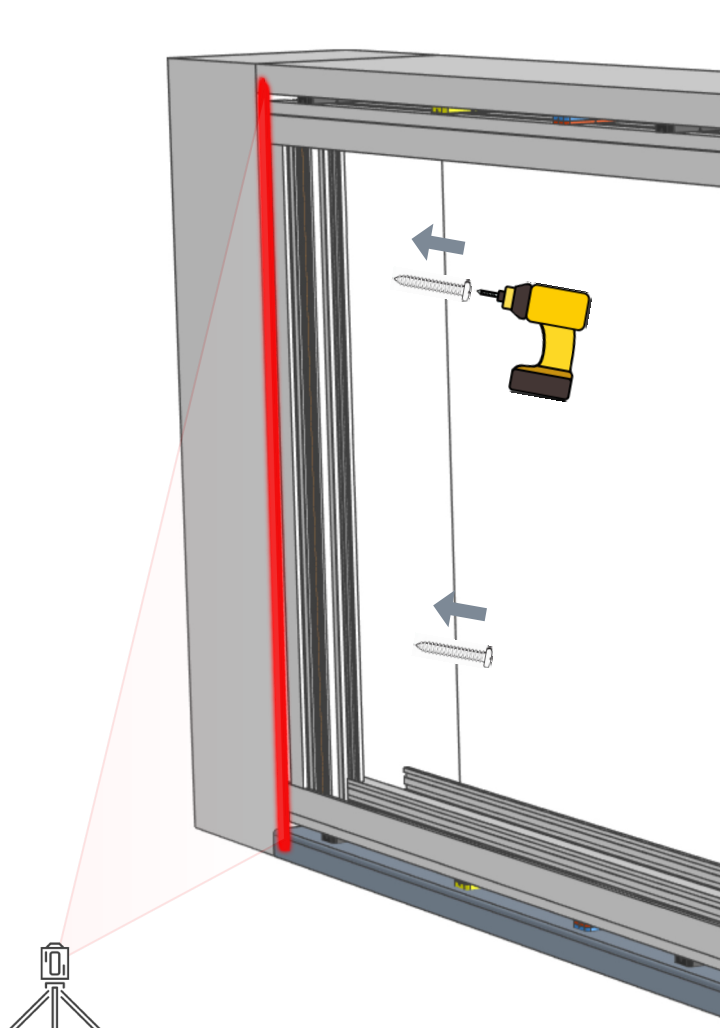
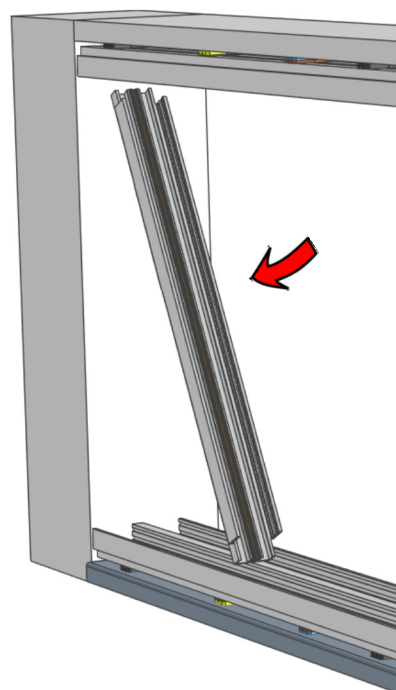
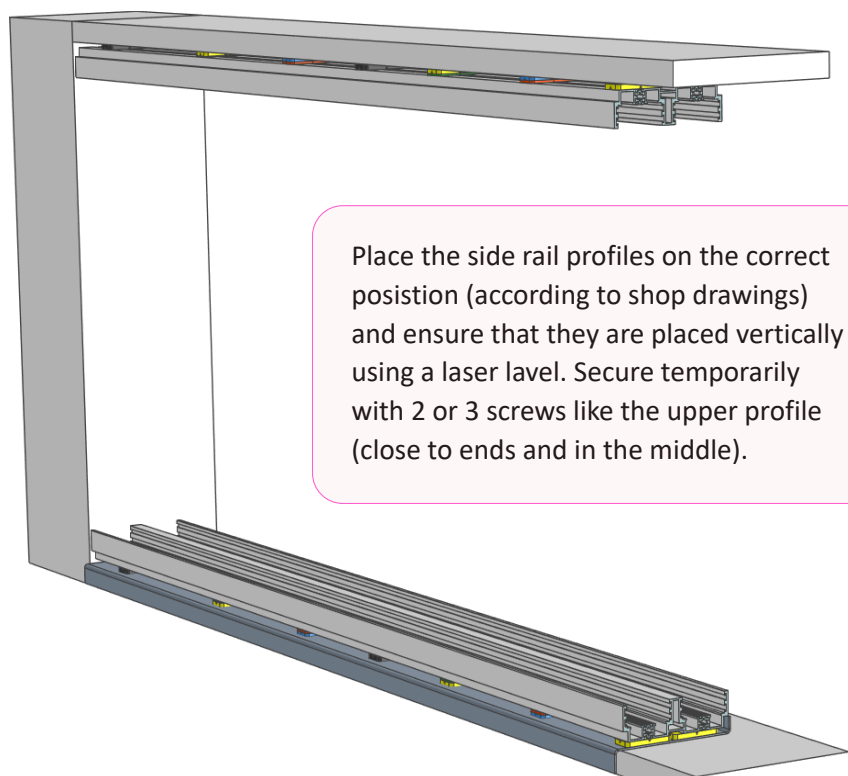
Remove the profile and apply an adhesive layer on each sim line. After that, place the profile again and check carefully to be on the correct position.



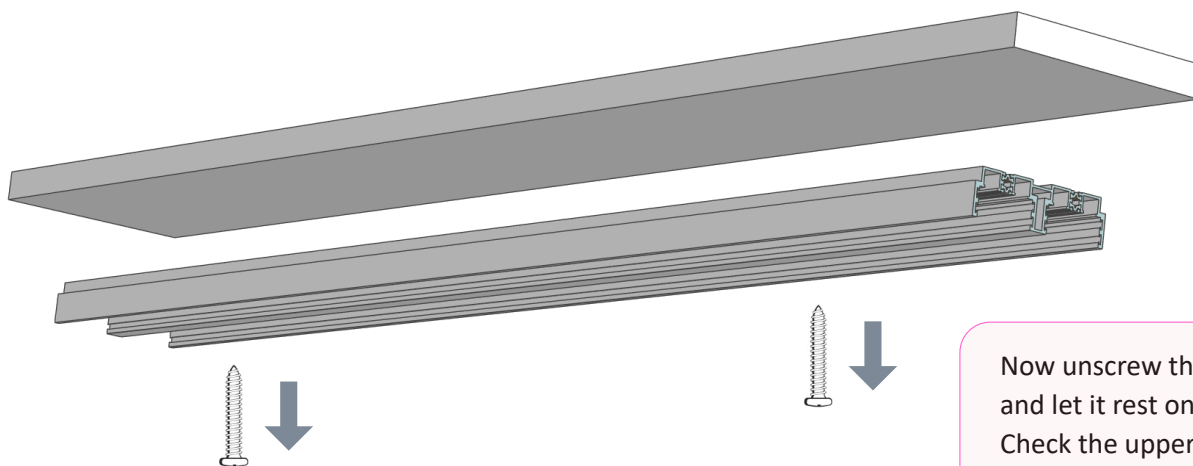
Upper rail Installation



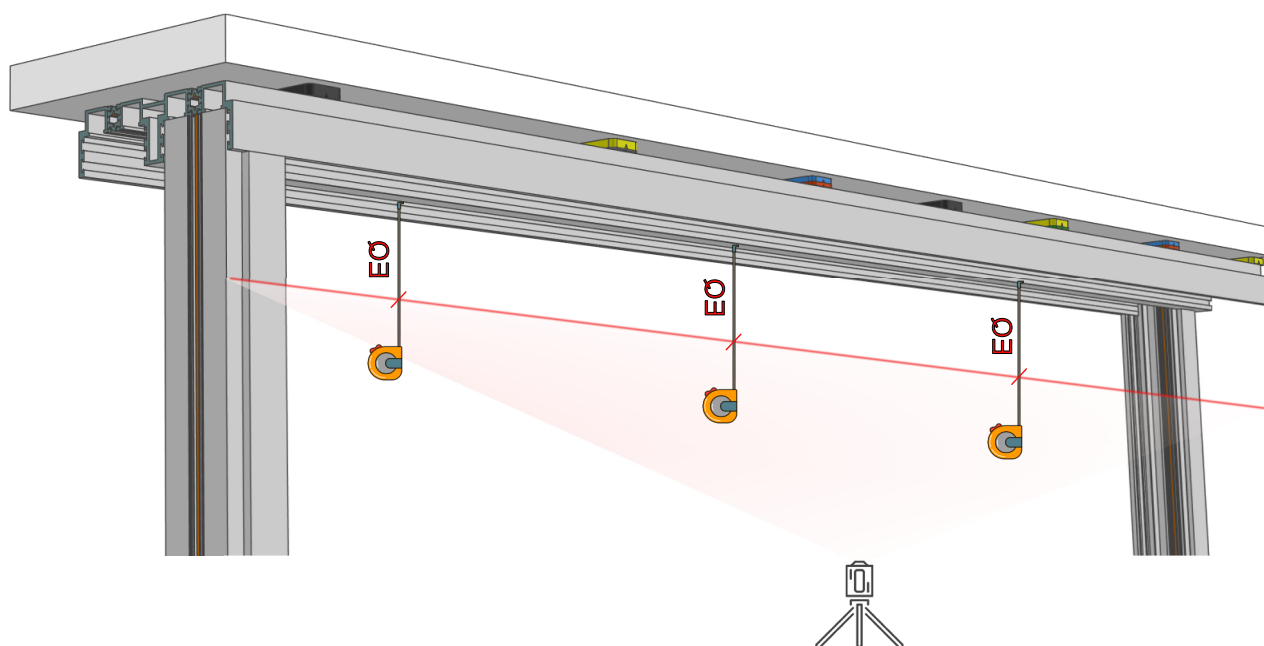
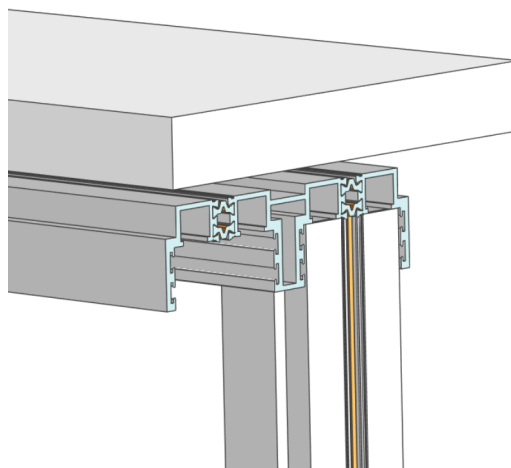
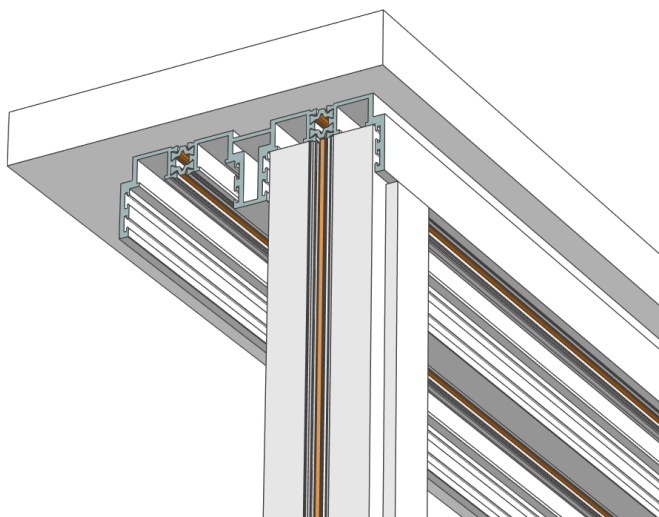
Side rail installation



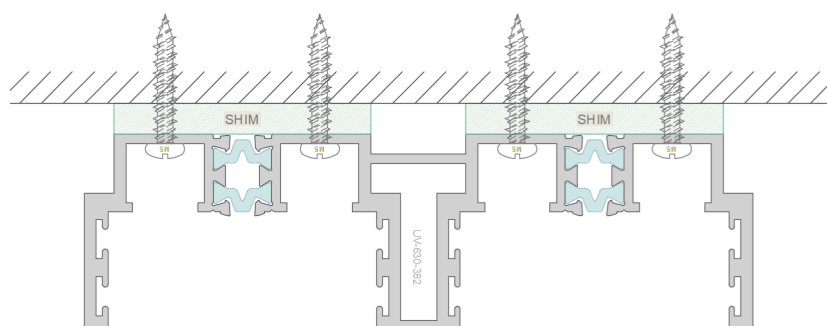
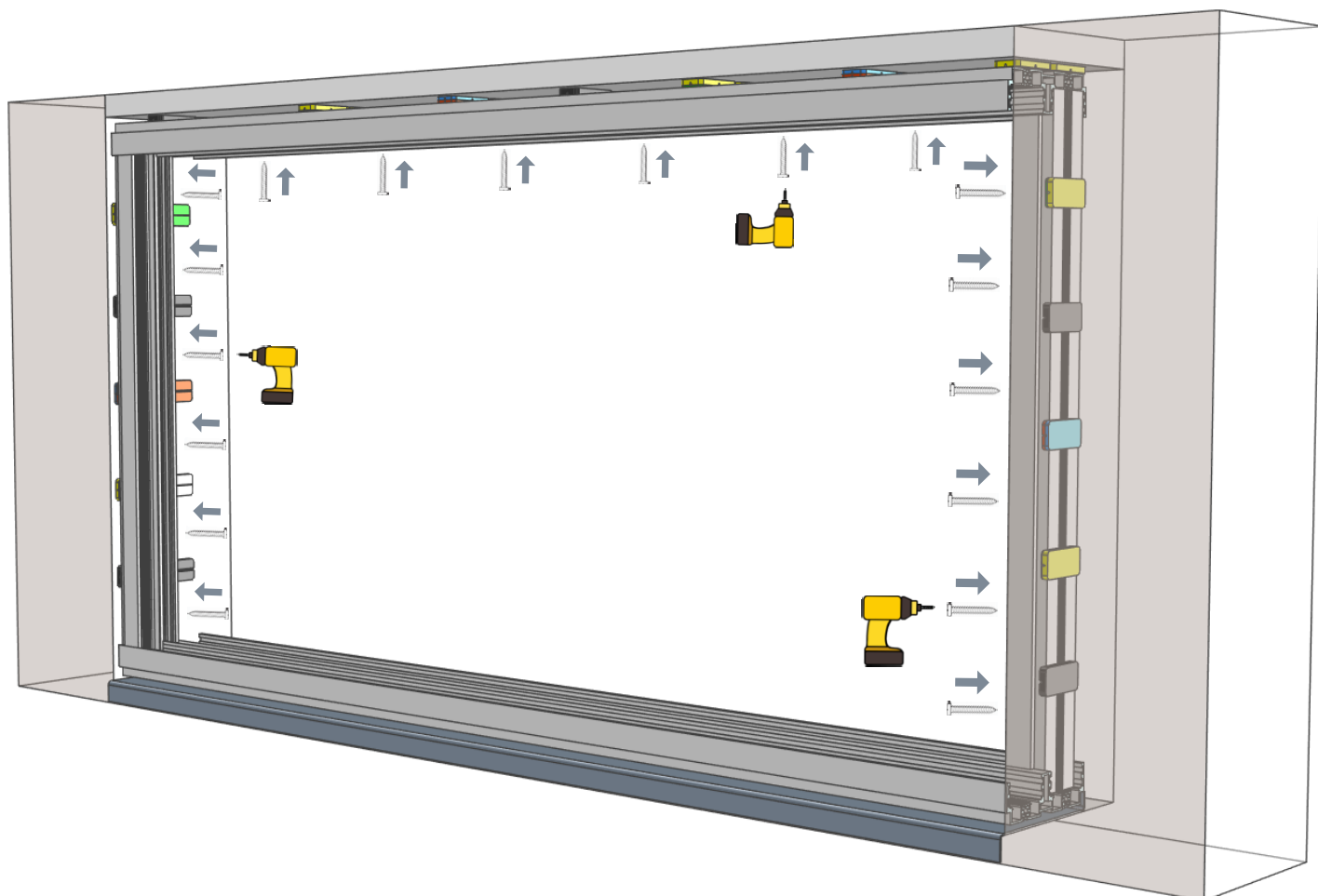
Leveling inspection



Now unscrew the upper profile and let it rest on side profiles. Check the upper profile if it is leveled (using a laser level and a measure tape) and insert sims where needed.

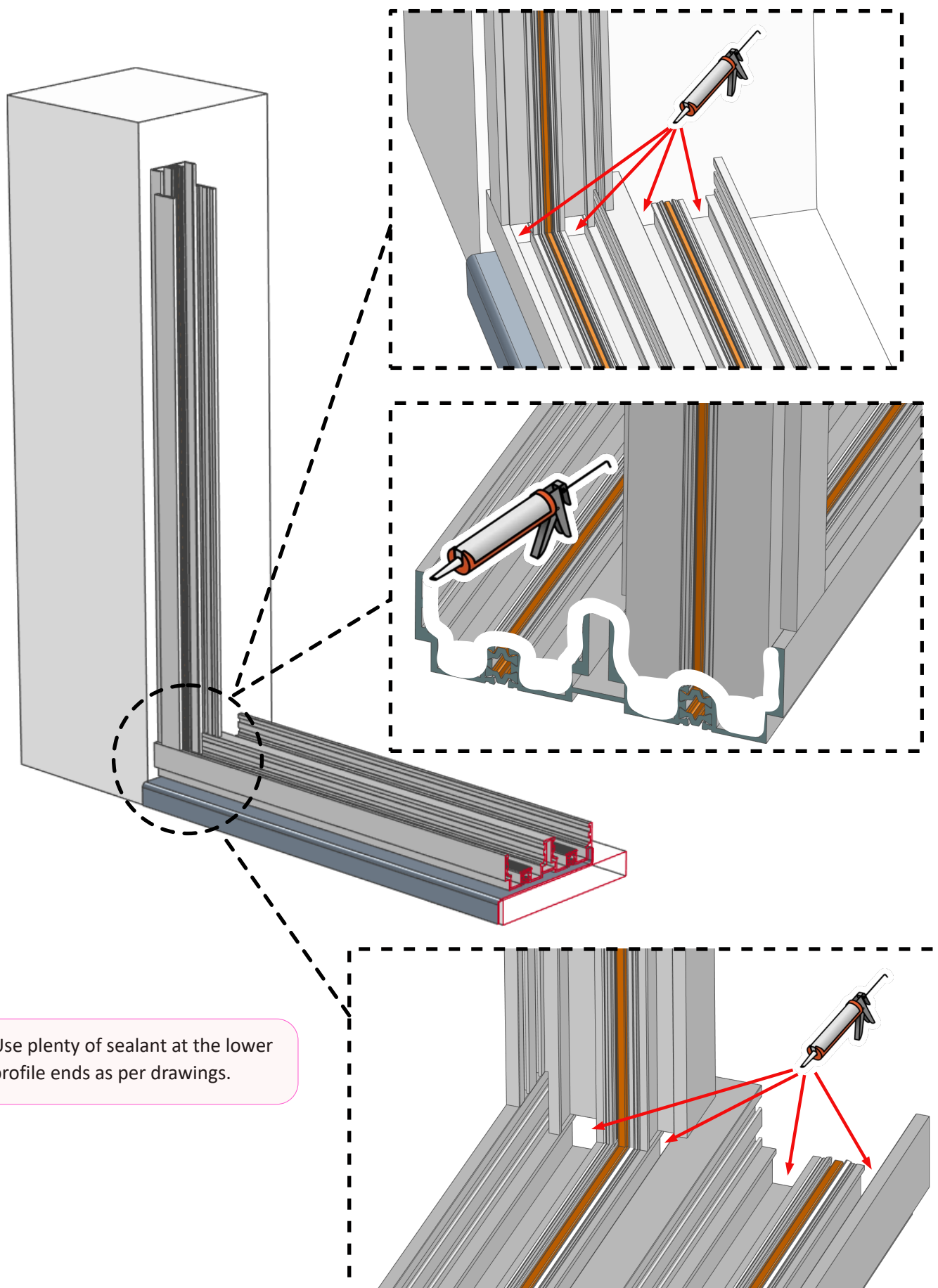


Railing Secure

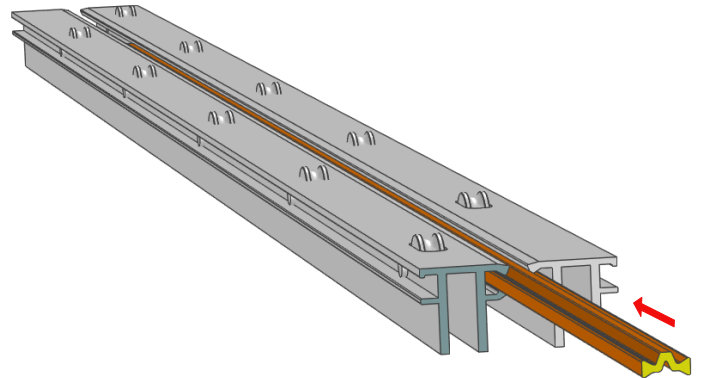
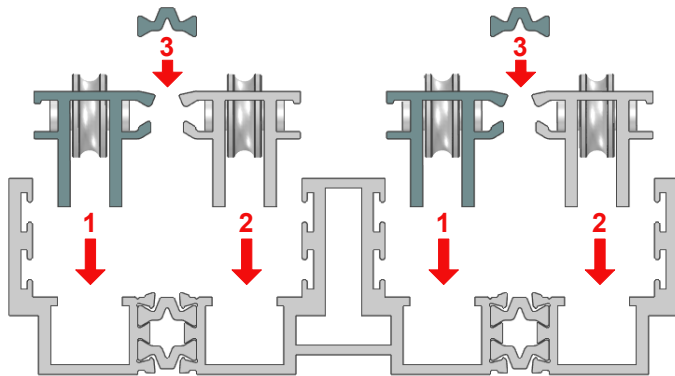


Confirm the vertical and horizontal levelness of the upper and side profiles using wooden or plastic shims as spacers and secure in position the side profiles with screws every 1'

Sealing



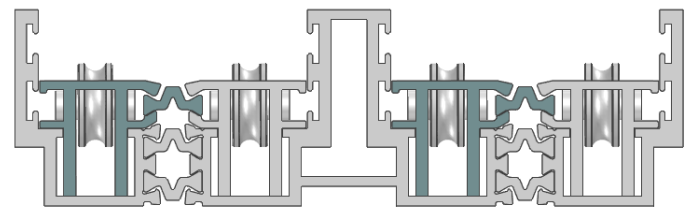
Insertion of bearing roller profiles



Insert each bearing roller profile on the rail profile chambers following the order of the above image (put the first profile, the second and then insert the plastic part).

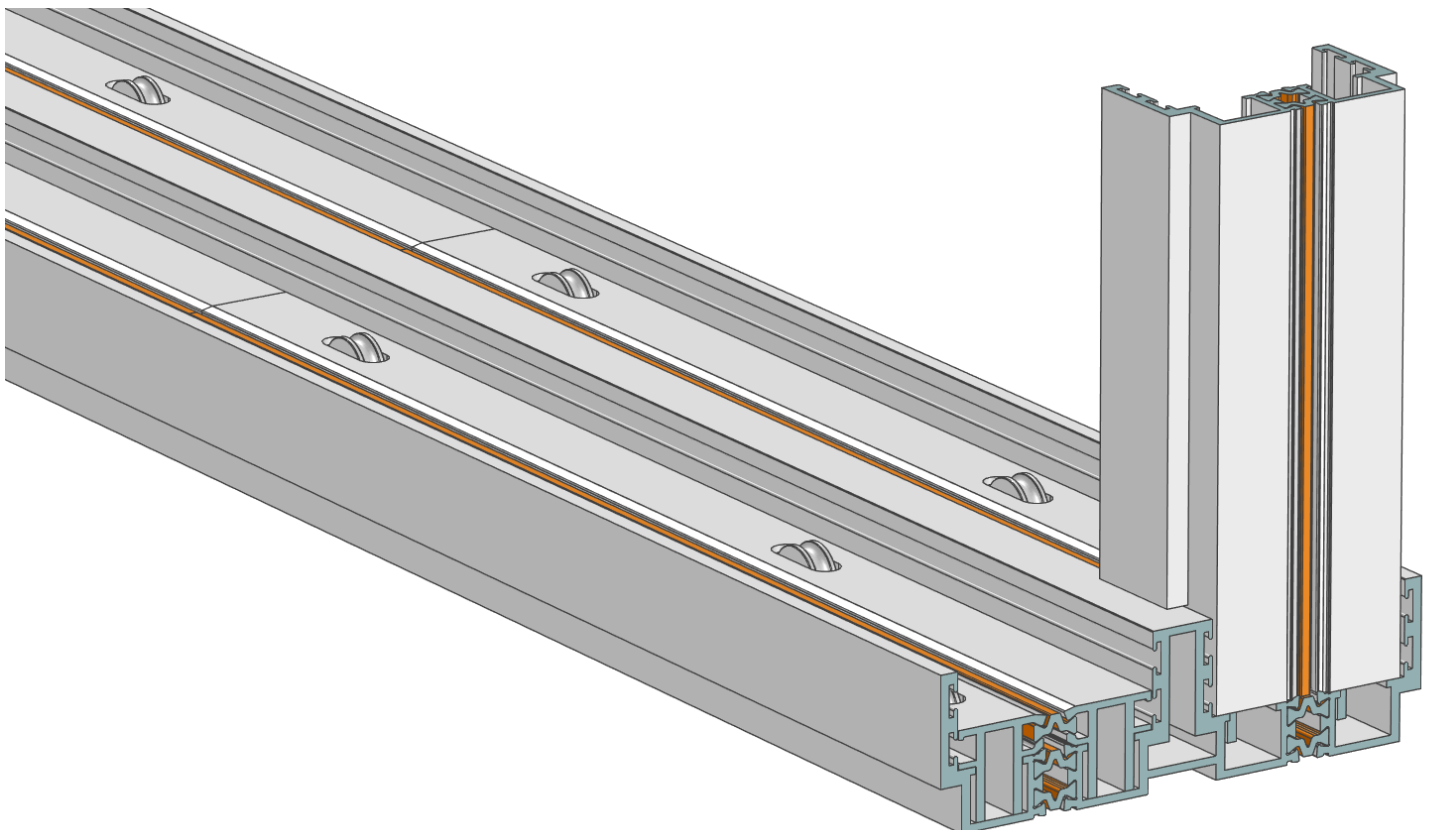
Do this for every set of ~40" length leaving at the end the placement of the smaller set.

For fixed panels, insert blank (without rollers) profile set. Check project drawings to see their positions.

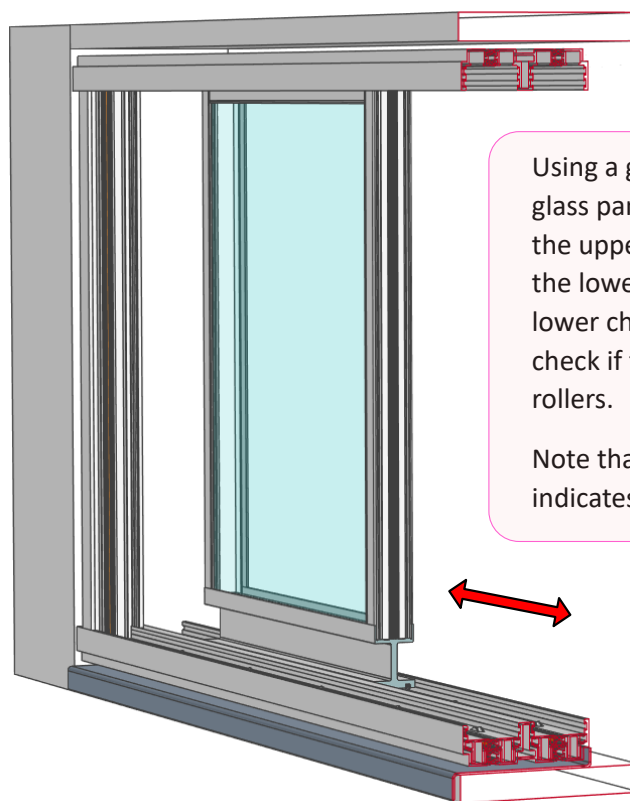
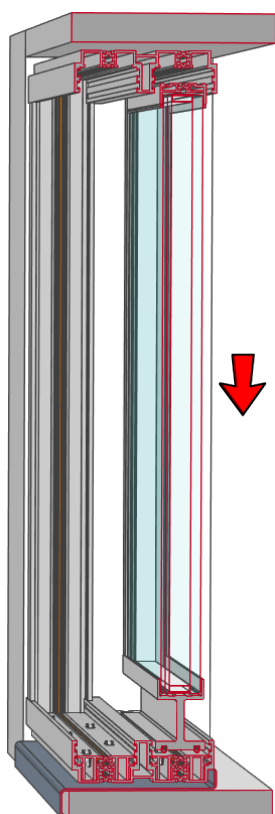
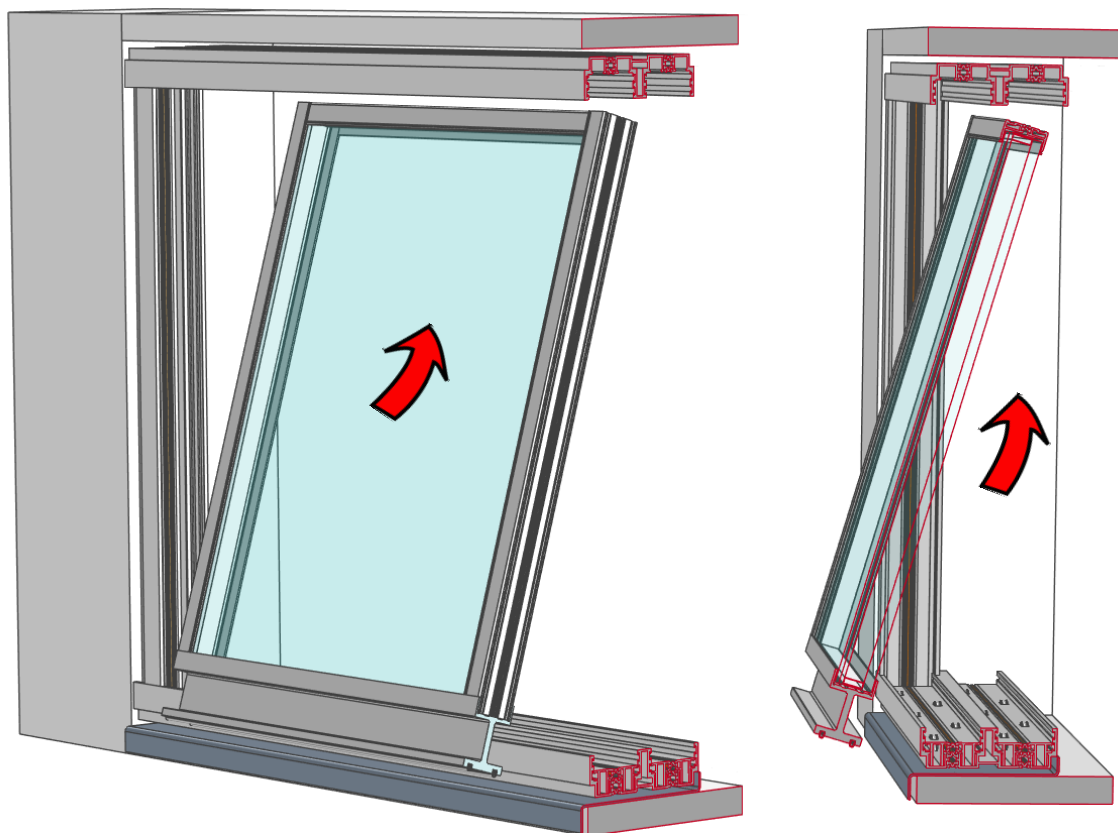


Attention!

Bottom rail profile chambers must be completely clean (without debris or dust) before installing bearing roller profiles



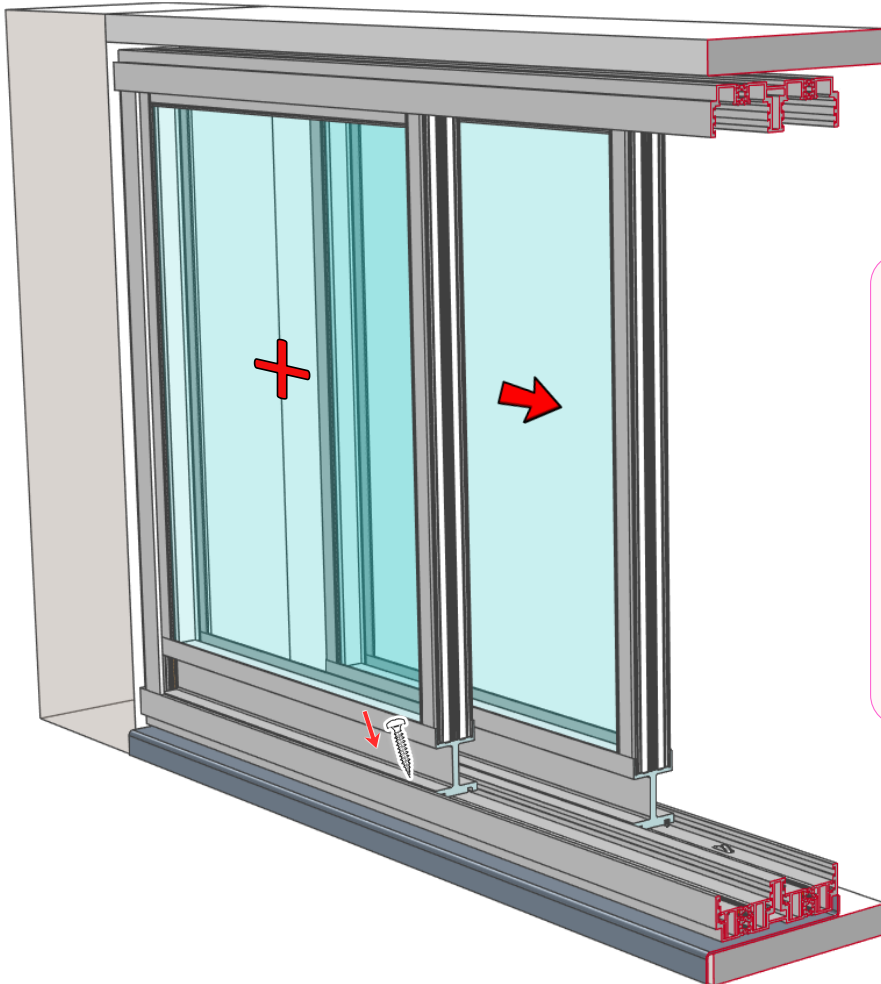
Fitting the sashes



Using a glass lifting machine we lift each glass panel to go all inside the chamber of the upper rail profile and then we push the lower side to pass and placed on the lower chamber as seen on drawings. We check if the panel moves freely on the rollers.

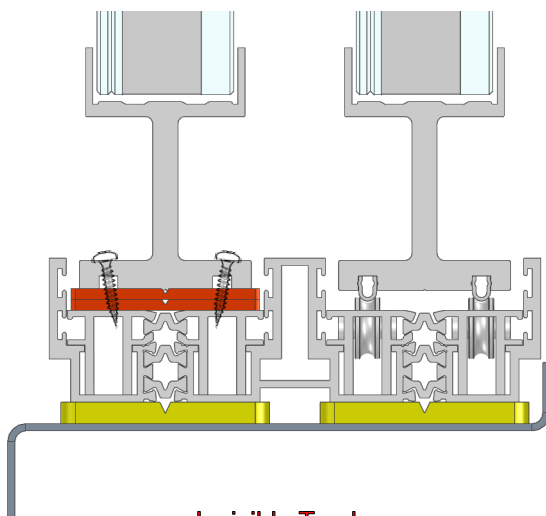
Note that every glass has a label which indicates that this is the inner side

Fitting fixed sashes

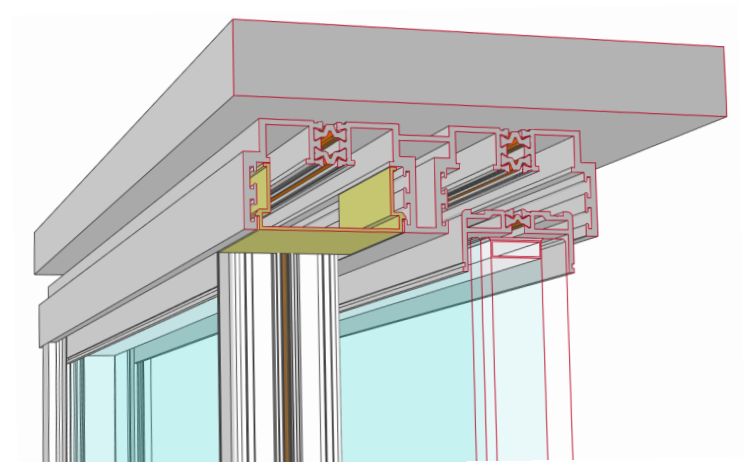


In case of a fixed glass panel, before putting the glass panel into position, place sims at top of blank roller profile and then set the fixed panel into it's position.

When everything is set and working properly secure in place the fixed panel with one or two screws for the invisible track or with cover caps when the track is visible (see images below)

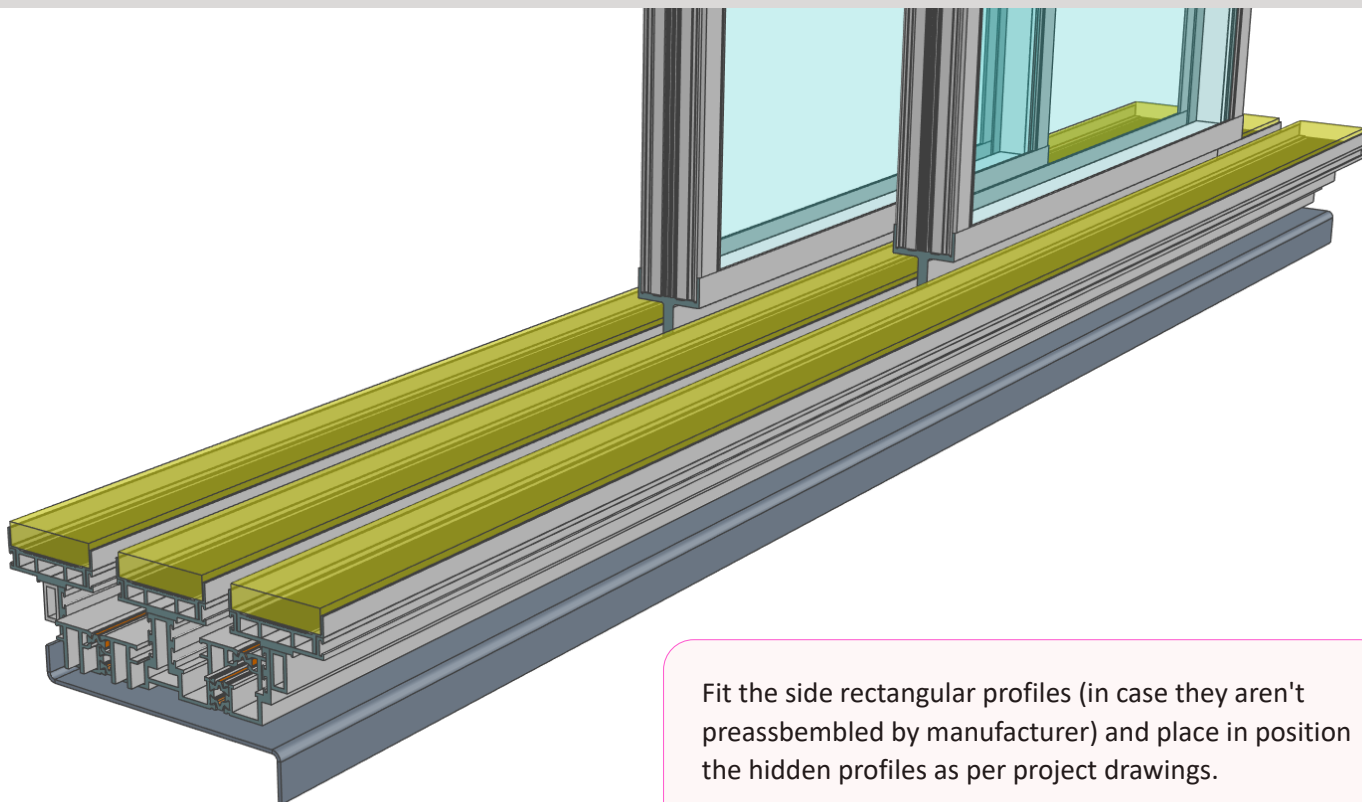


Invisible Track



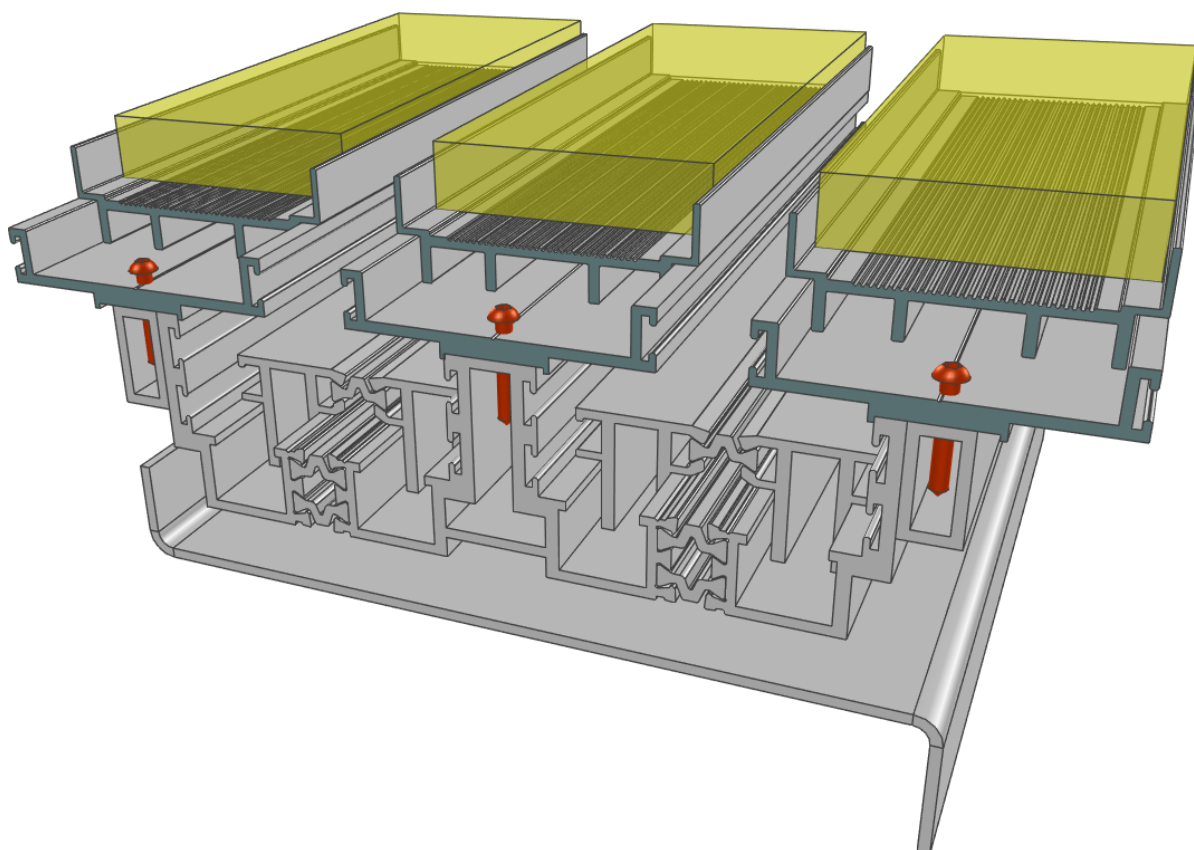
Visible

Tiled profiles installation

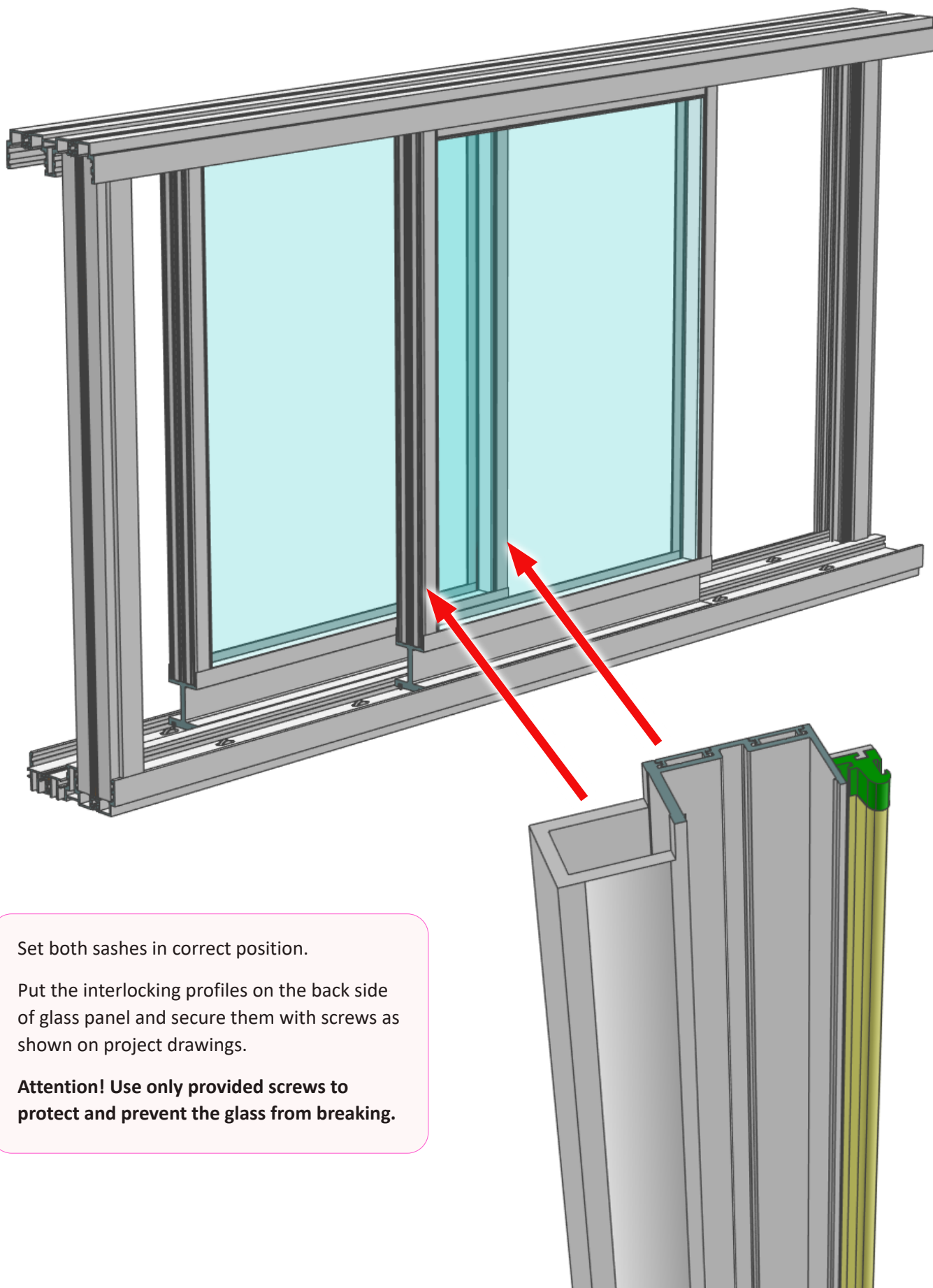


Fit the side rectangular profiles (in case they aren't preassembled by manufacturer) and place in position the hidden profiles as per project drawings.

Secure with screws the lower hidden profile as shown and rest above them the upper profile that holds the finished floor material.



Interlocking installation

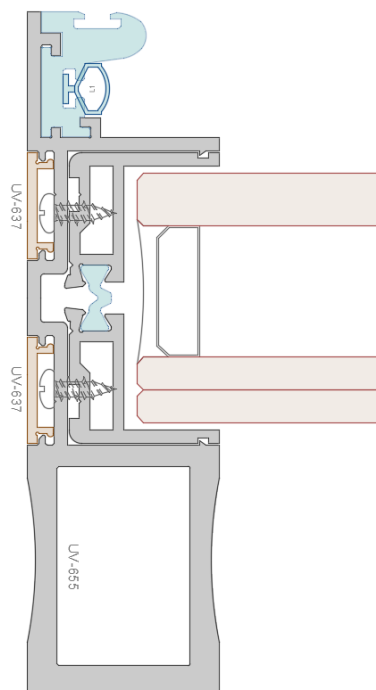


Set both sashes in correct position.

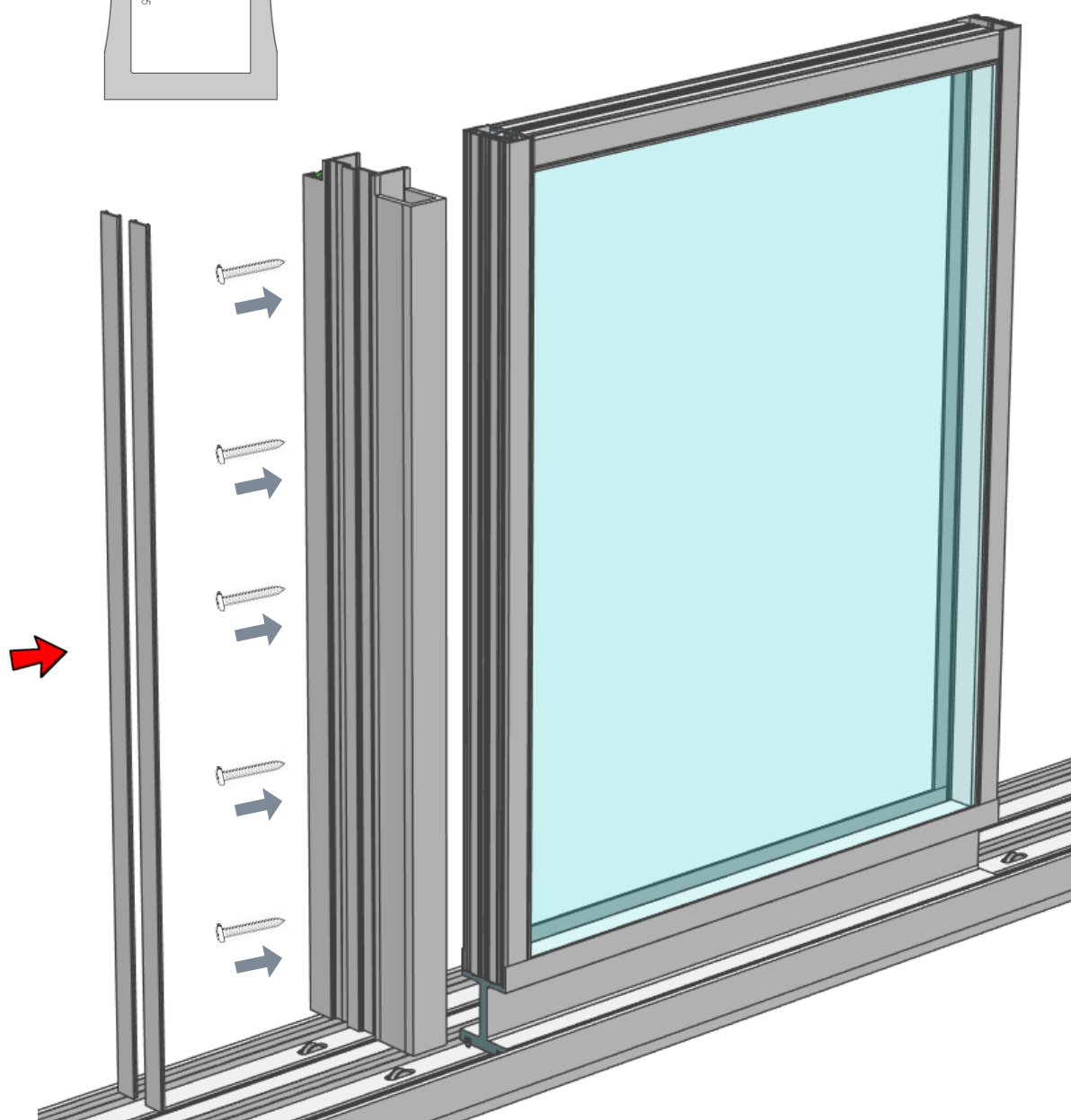
Put the interlocking profiles on the back side of glass panel and secure them with screws as shown on project drawings.

Attention! Use only provided screws to protect and prevent the glass from breaking.

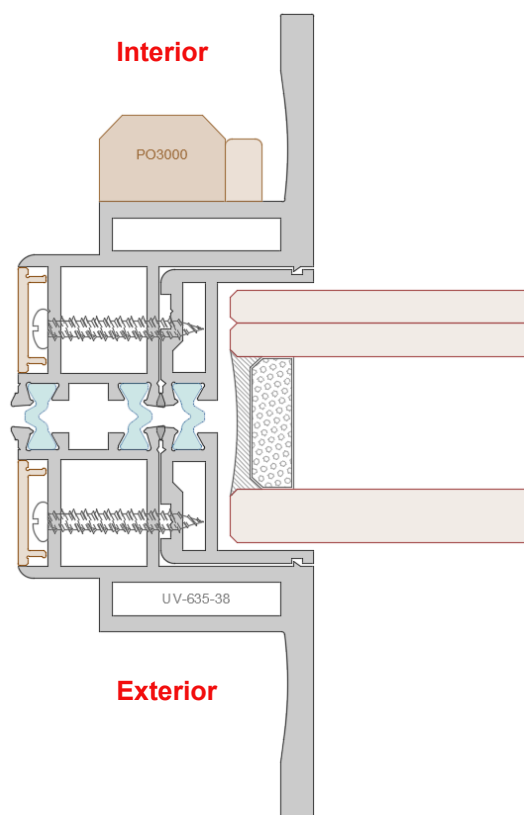
Cover fitting



After all interlocking profiles installed
fit the cover profiles

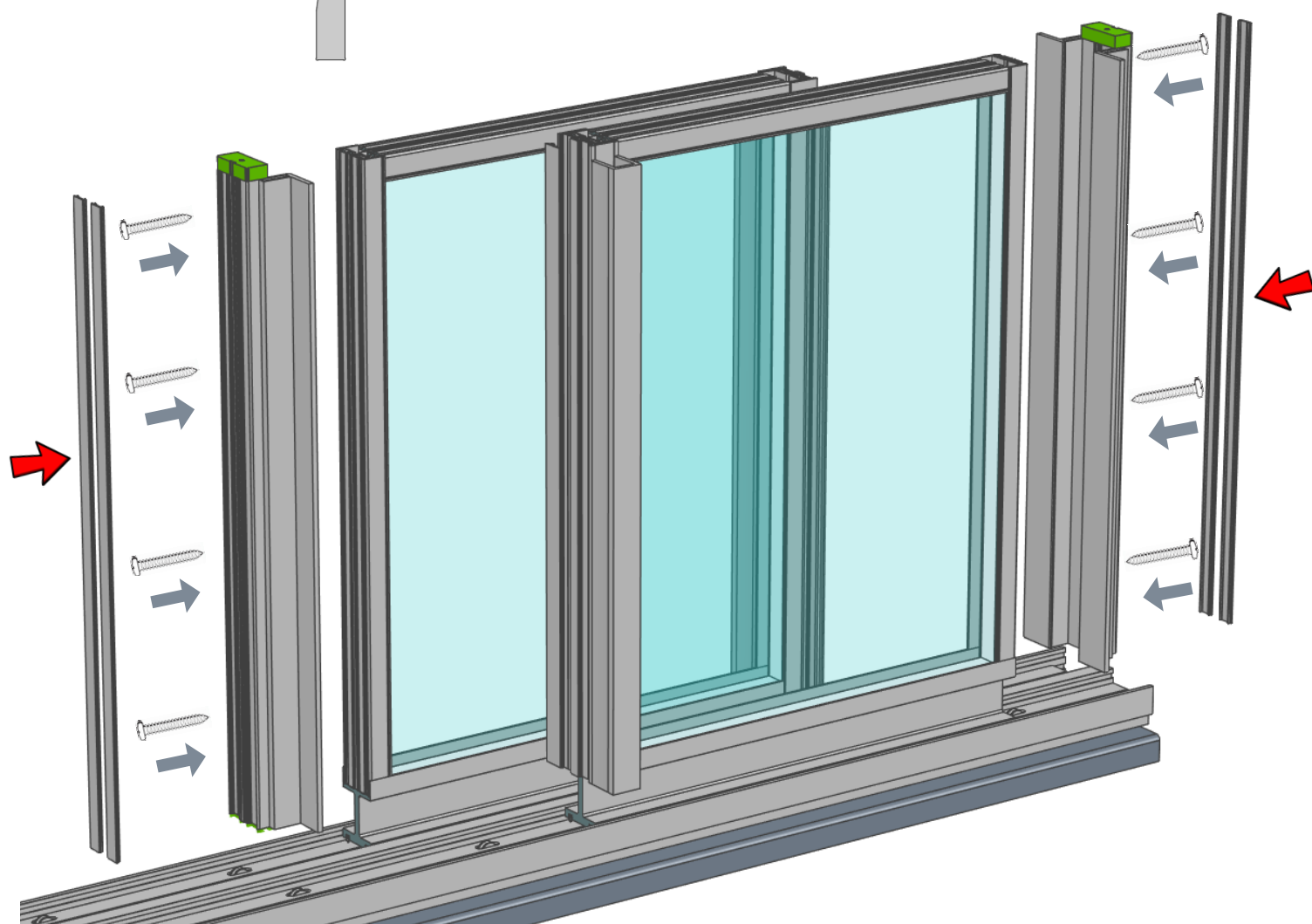


Handle profiles fitting



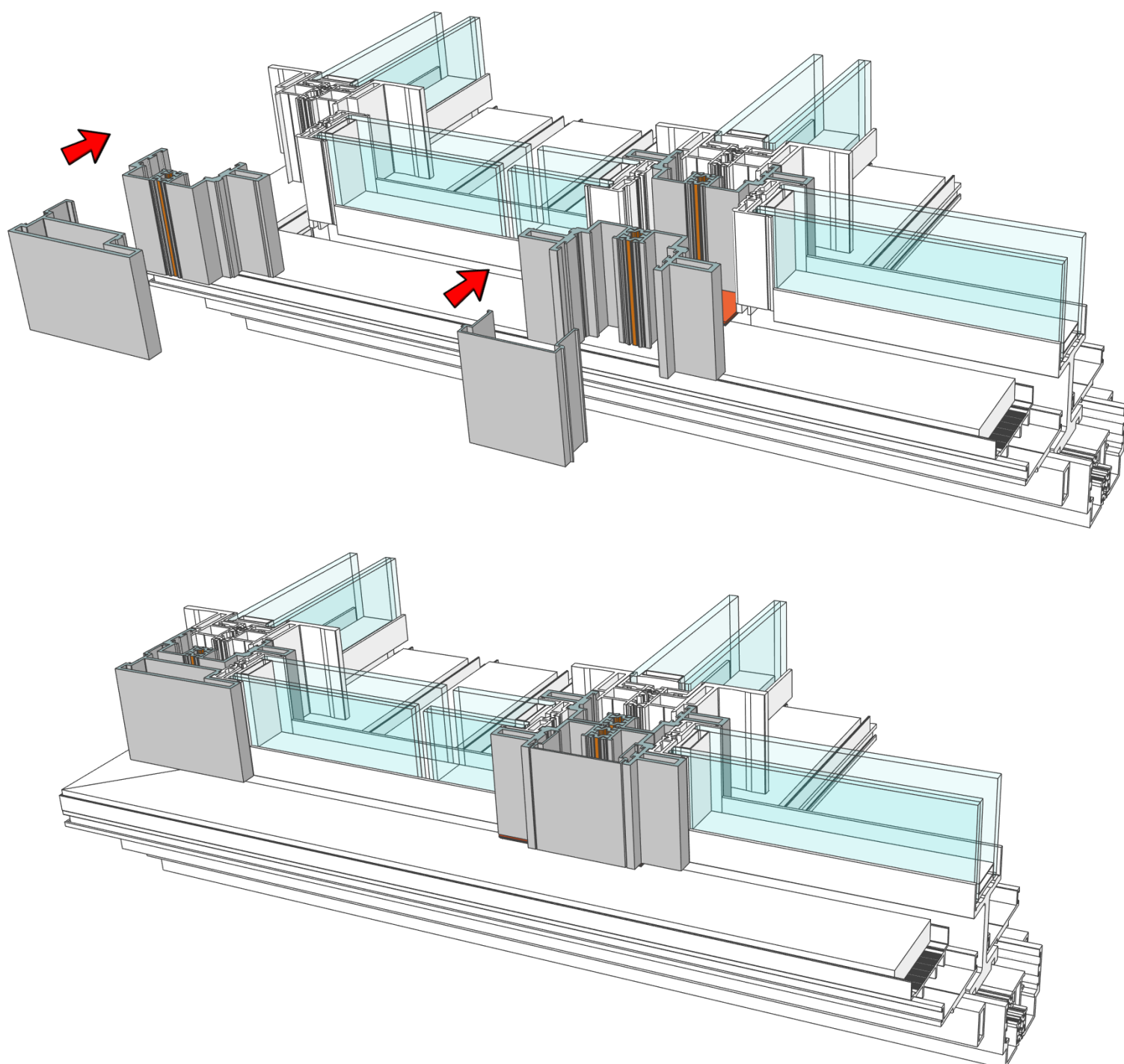
As described for interlocking profiles, place the front handle profiles, secure them with screws and fit the caps.

Pay attention to the holes for the operable handles on handle profiles, they have to face the interior of the room.



Corner and middle profiles fitting

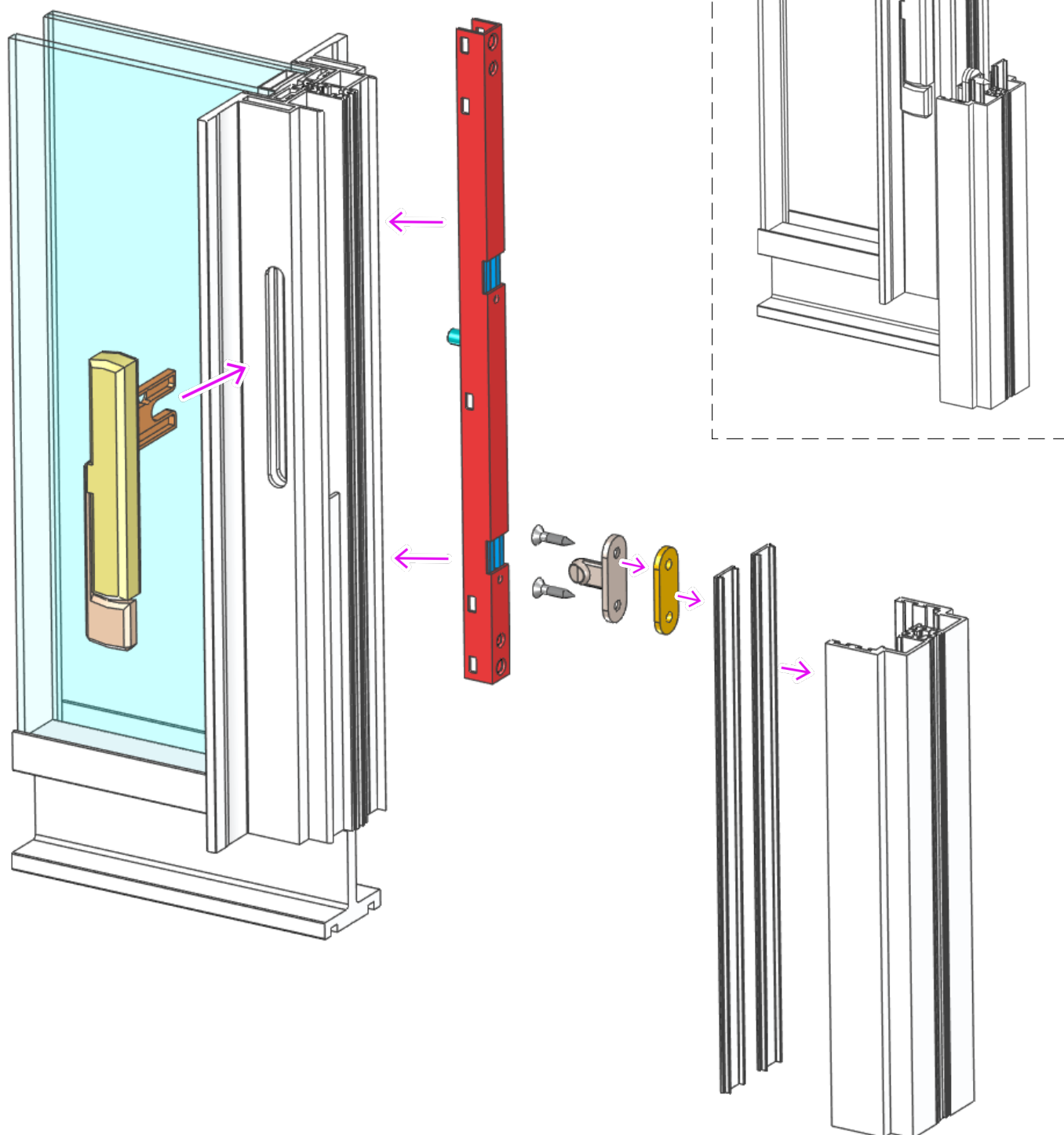
The assembly of middle or corner profile connections is similar to the assembly of interlocking and handle connections described before.



Locking installation

We finalize the installation of each unit by placing and adjusting the locking bolts, ensuring that the panel locks properly.

After that we fit every cover profile on both vertical and horizontal rails to their position and check the whole unit if it is installed and works properly



u.minimal



Minimal
Design



Environmental
Consciousness



Timeless
Aesthetics



Absolute
Adaptation



E: info@u-minimal.com • www.u-minimal.com