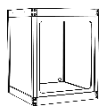
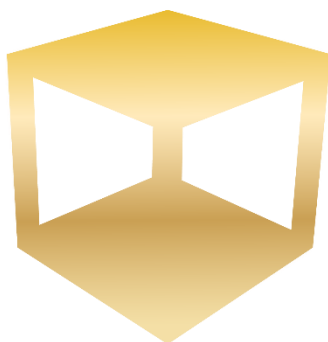
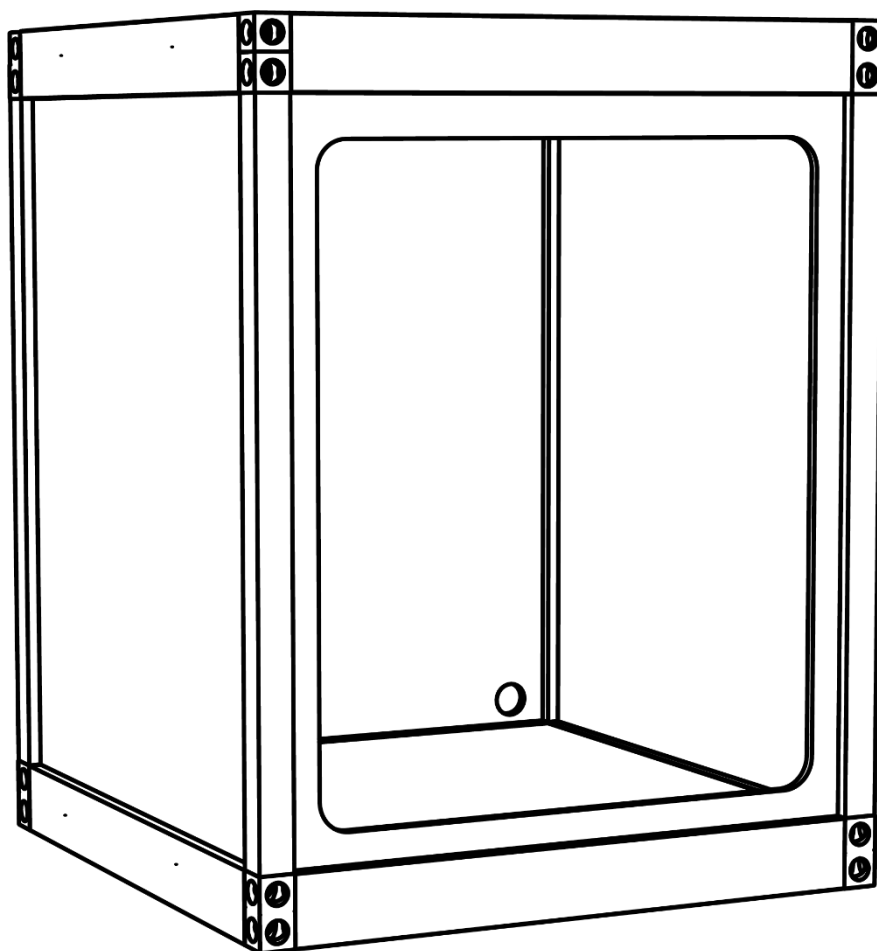
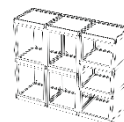


ASSEMBLY GUIDE



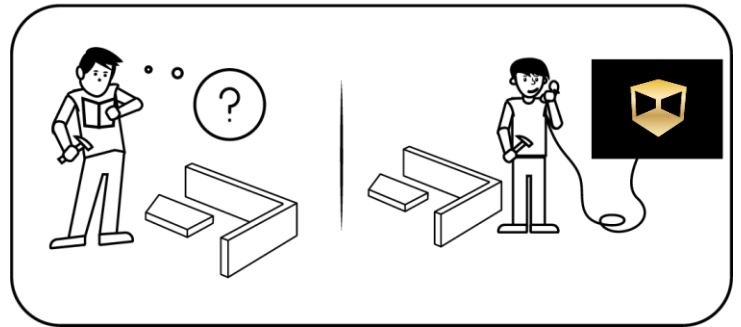
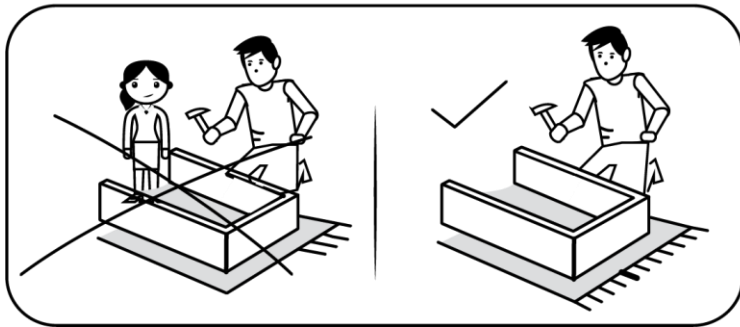
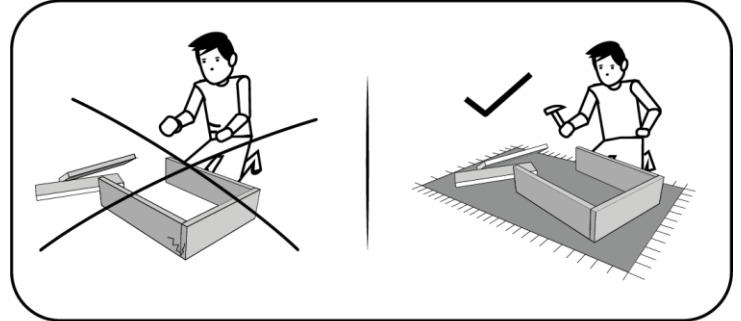
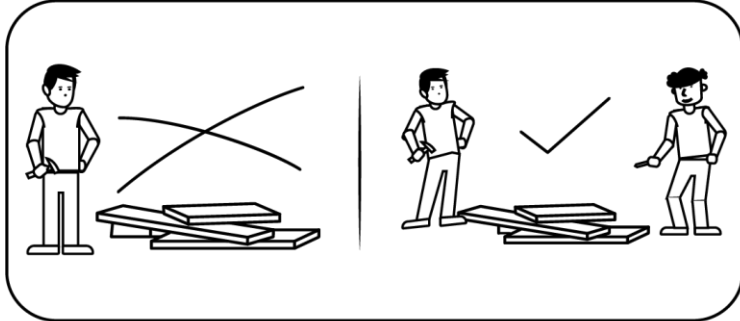
1 display-case : start at page 2

Multiple display-cases : start at page 15



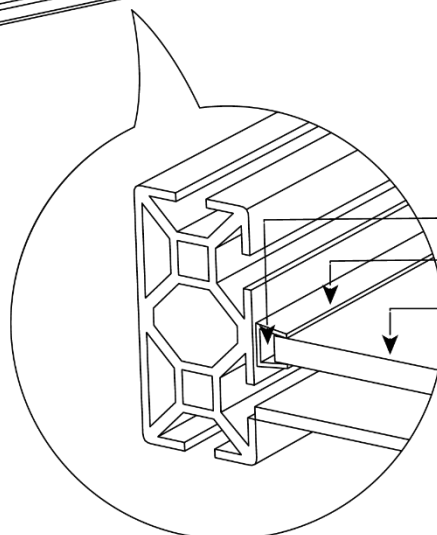
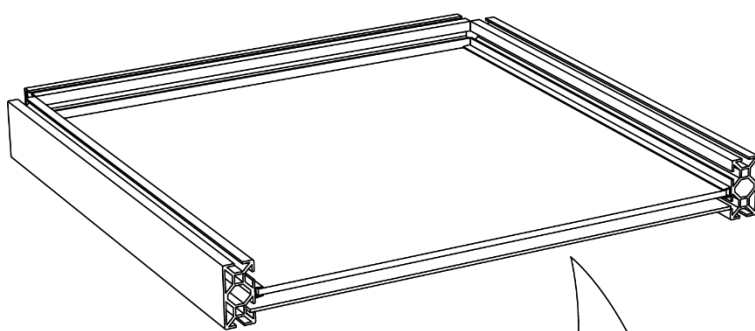
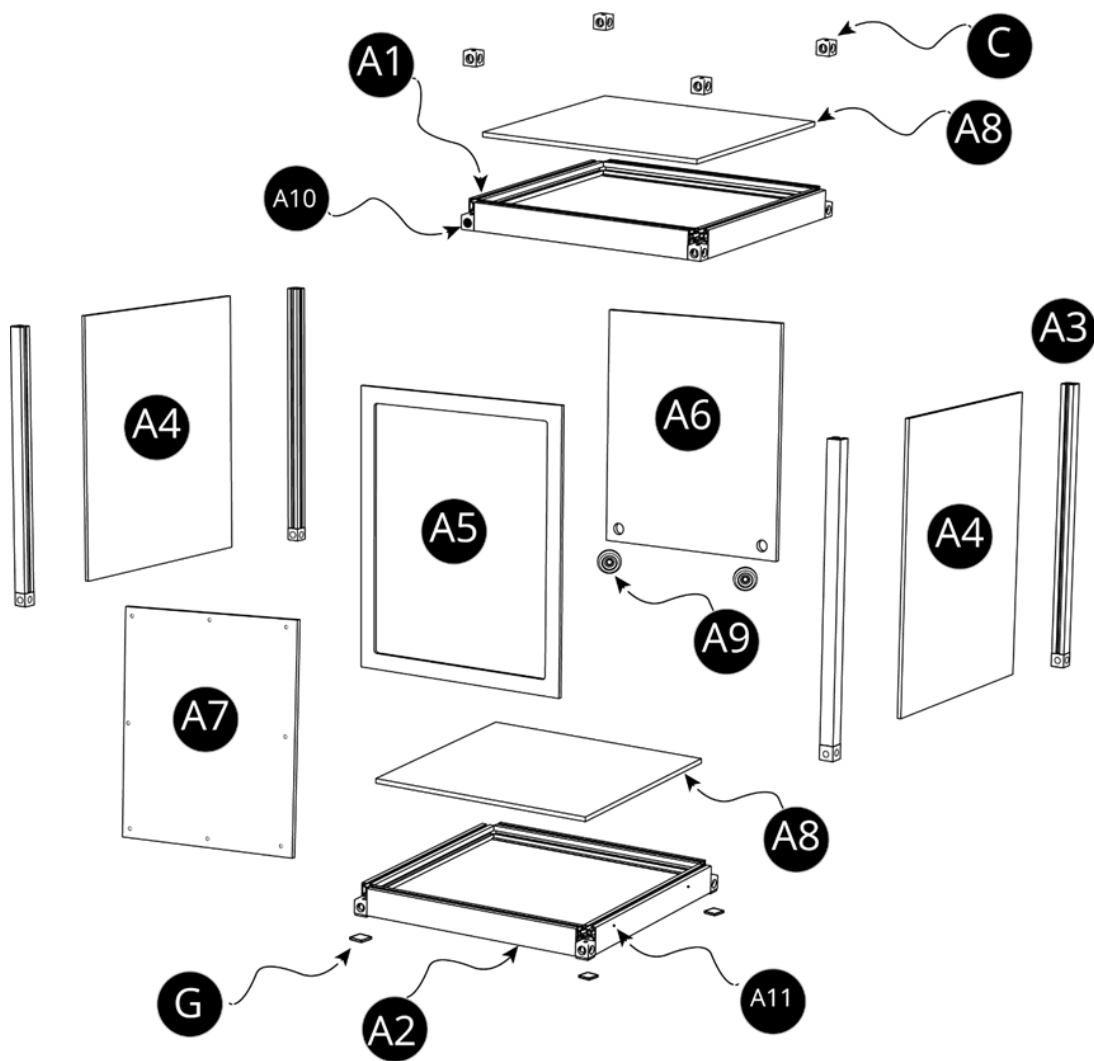
HYPER DISPLAYS

IMPORTANT NOTES



- Place all parts on a clean and smooth surface, like a carpet, to prevent scratches.
- Check to be sure that you have all parts and hardware.
- Keep all parts out of reach of children.
- Wear appropriate clothes and shoes. Some parts are heavy or can have sharp edges.
- Report any damages before you start the assembly.

EXPLODED VIEW

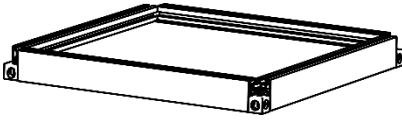


Led strips run here.

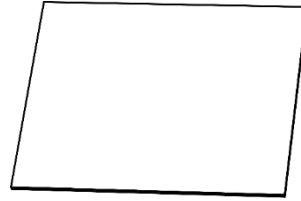
Aluminium housing

Light Guide Plate

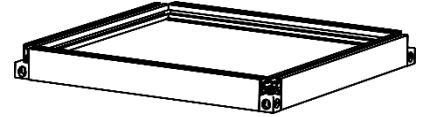
Parts Details



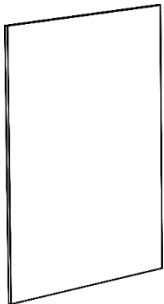
A1
Qty: 1



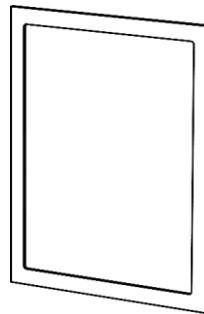
A8
Qty: 1



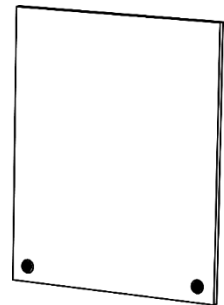
A2
Qty: 1



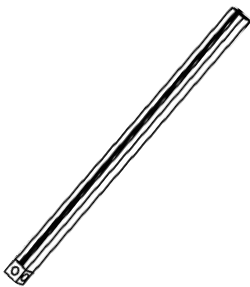
A4
Qty: 2



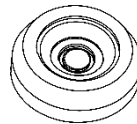
A5
Qty: 1



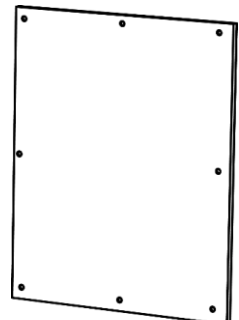
A6
Qty: 1



A3
Qty: 4



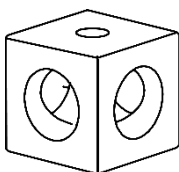
A9
Qty: 2



A7
Qty: 1



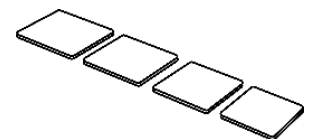
A11
Qty: 4



C
Qty: 4



A10
Qty: 32



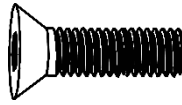
G
Qty: 4

Hardware & Tool Details



JUM NUT

1001



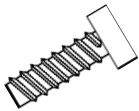
SREW [M8 x 14]

1002



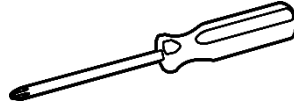
ALLEN KEY

1003



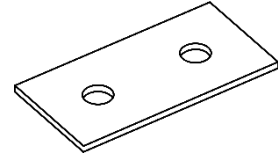
ACRYLIC SCREW [M6 x 8]

1004



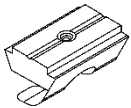
STAR SCREWDRIVER

1005



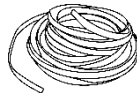
FLAT CONNECTOR

1006



T-BOLT

1007



ISOLATION

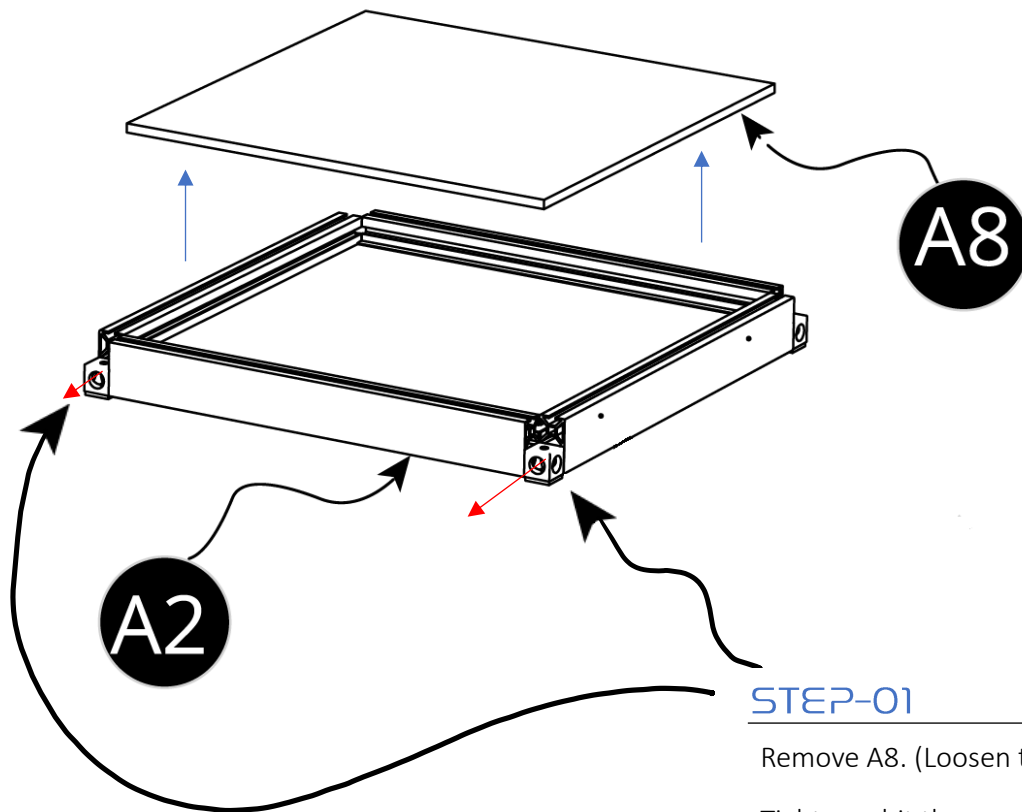
1009



SCREW [M6 x4]

1008

Let's start the assembly



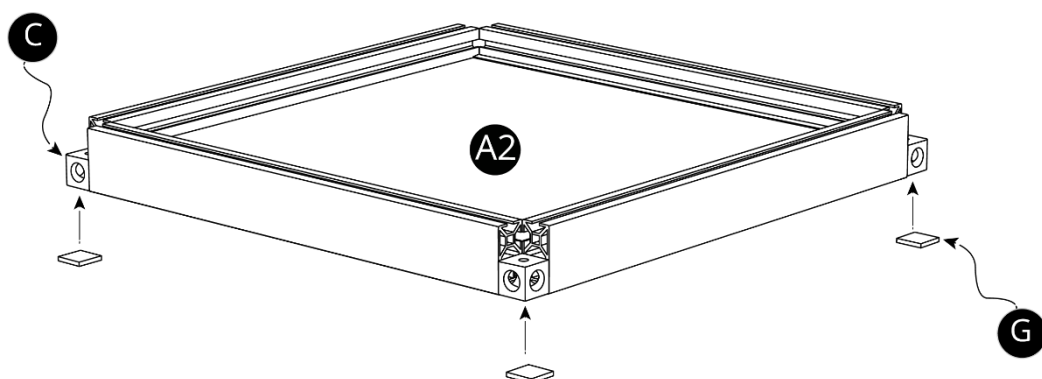
STEP-01

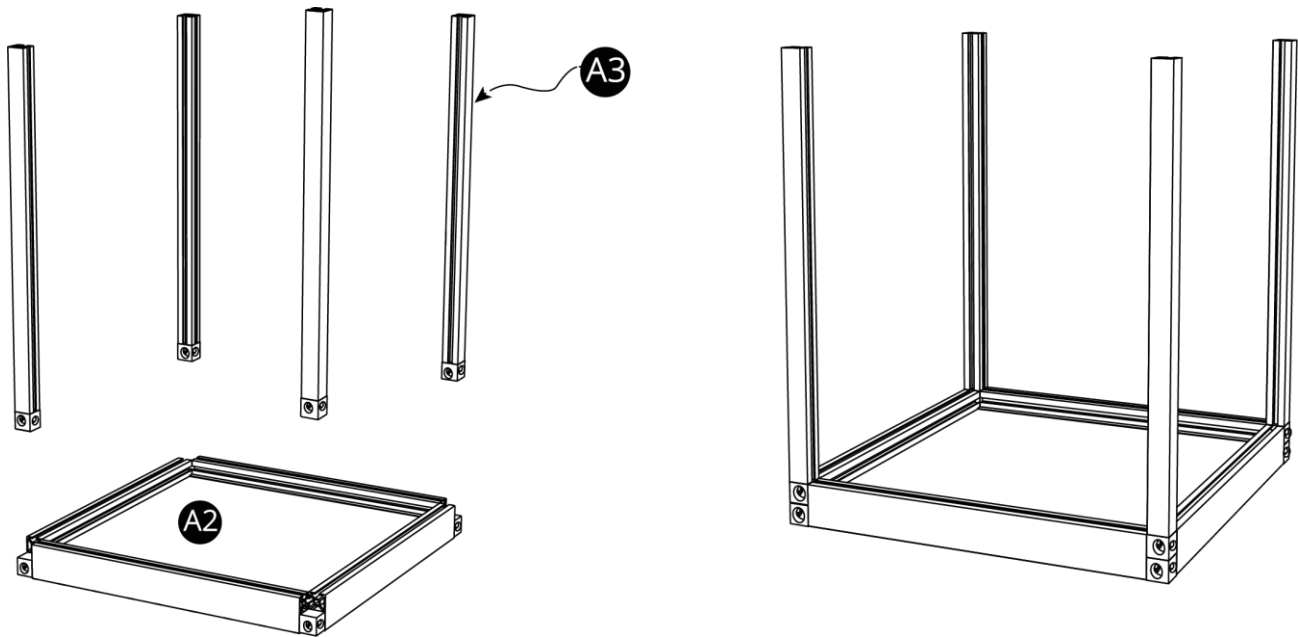
Remove A8. (Loosen the screws a little bit if needed.)

Tighten a bit the screws again afterwards.)

STEP-02

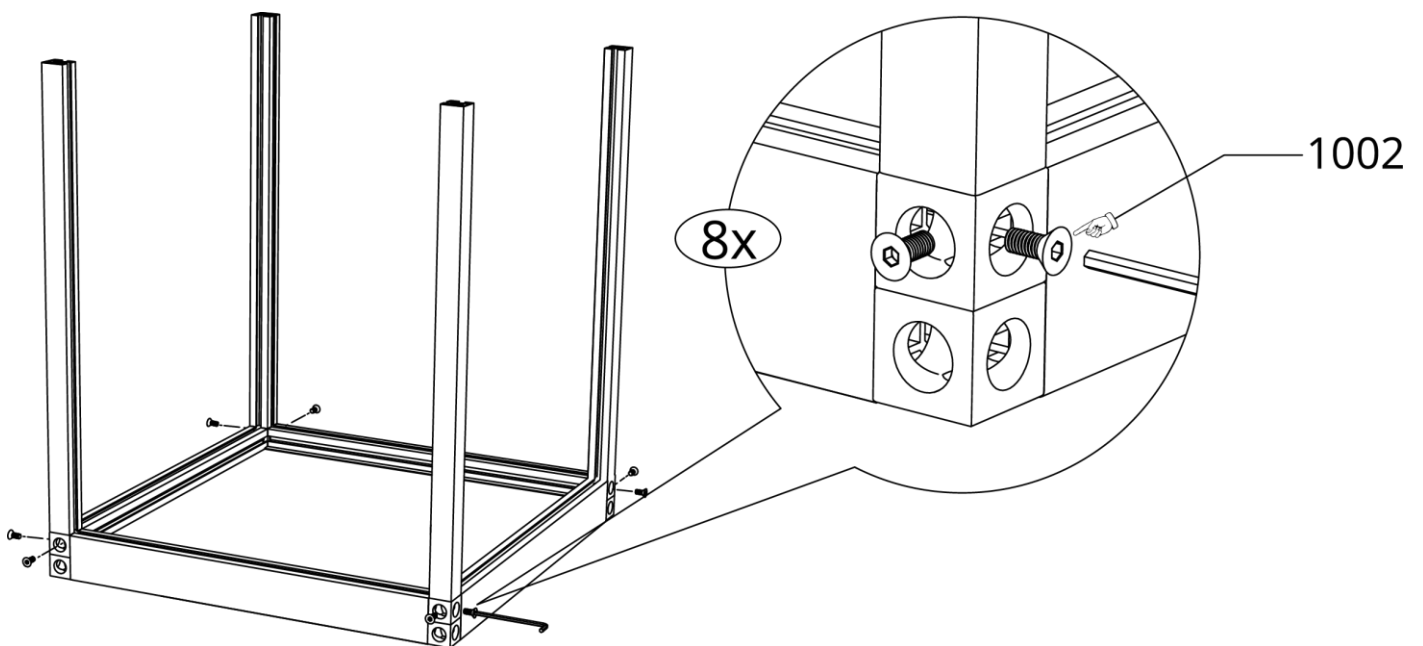
Floor shelf: the bottom of the connectors is flat; floor protection (G) is added.





STEP-03

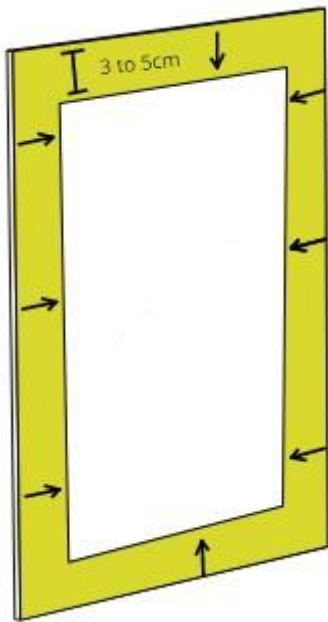
Insert A3 into A2



...NOTE...

Do not tighten the screws yet !
Do not insert the black plugs (A10) yet !
Do not place the 8mm plates (A8) yet !

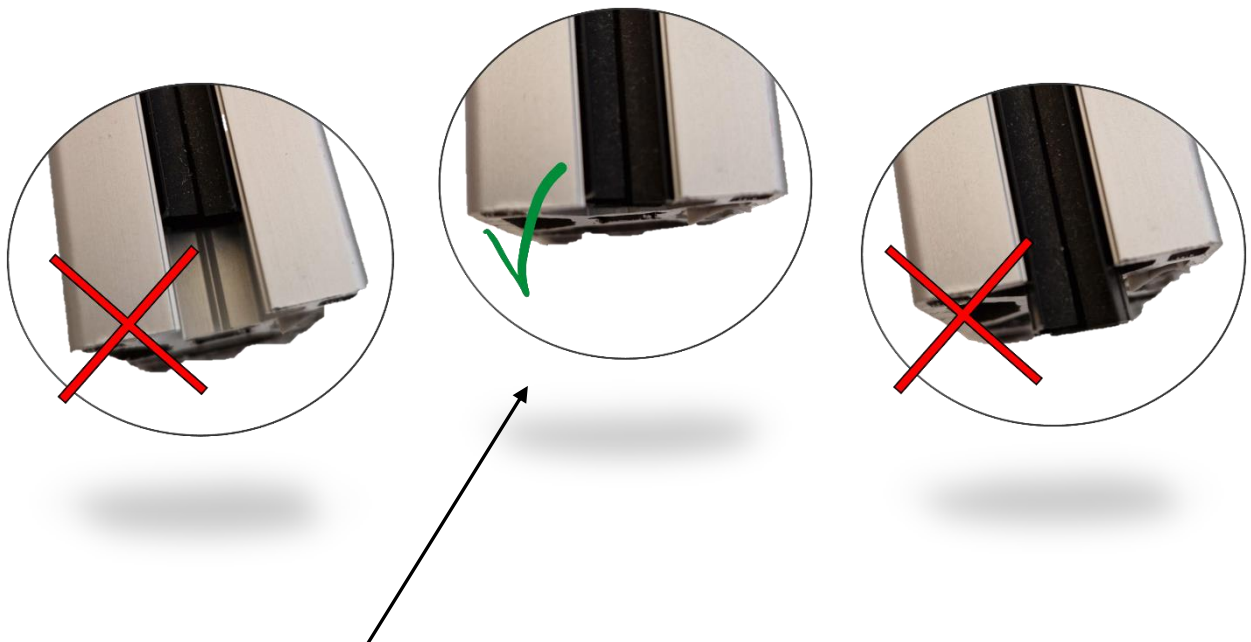
BEFORE STARTING STEP-4: REMEMBER THIS INFO



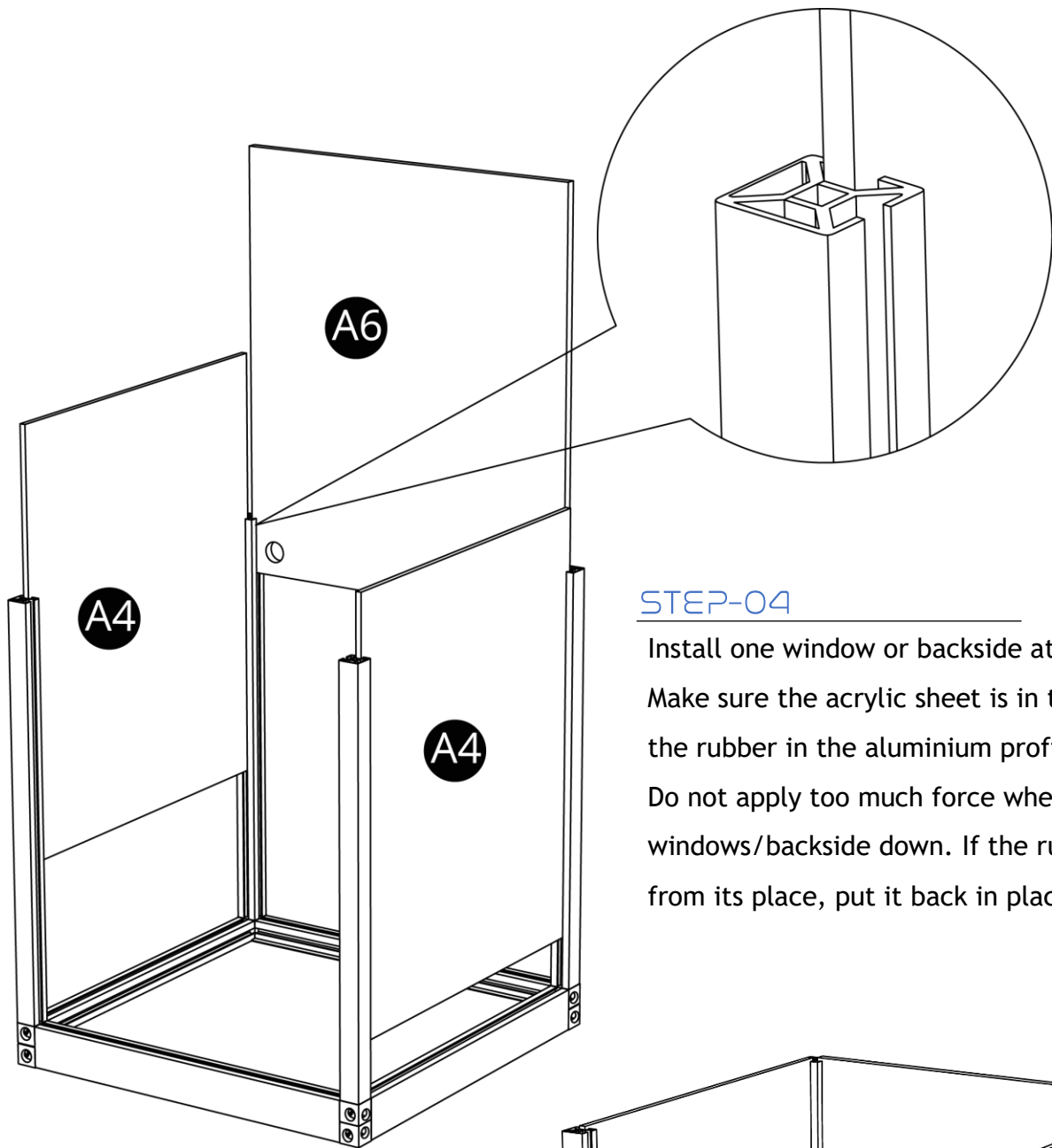
Detach about 3 to 5cm of the protective covers from the acrylic plates on all 4 sides (front and back).

You can choose to remove the covers completely but ensure you do not scratch the surface during the rest of the installation process.

All acrylic plates have 2 covers (front and back).

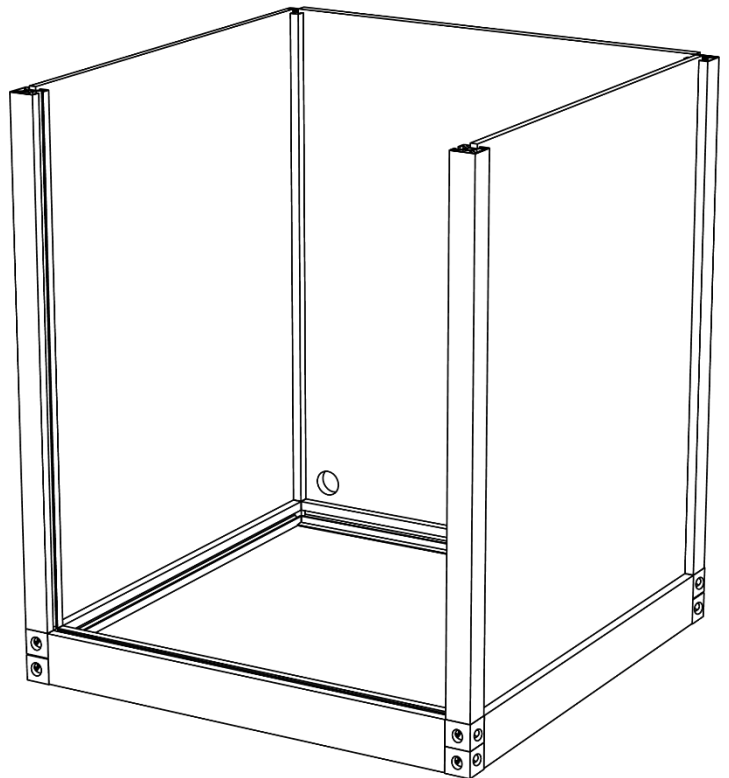


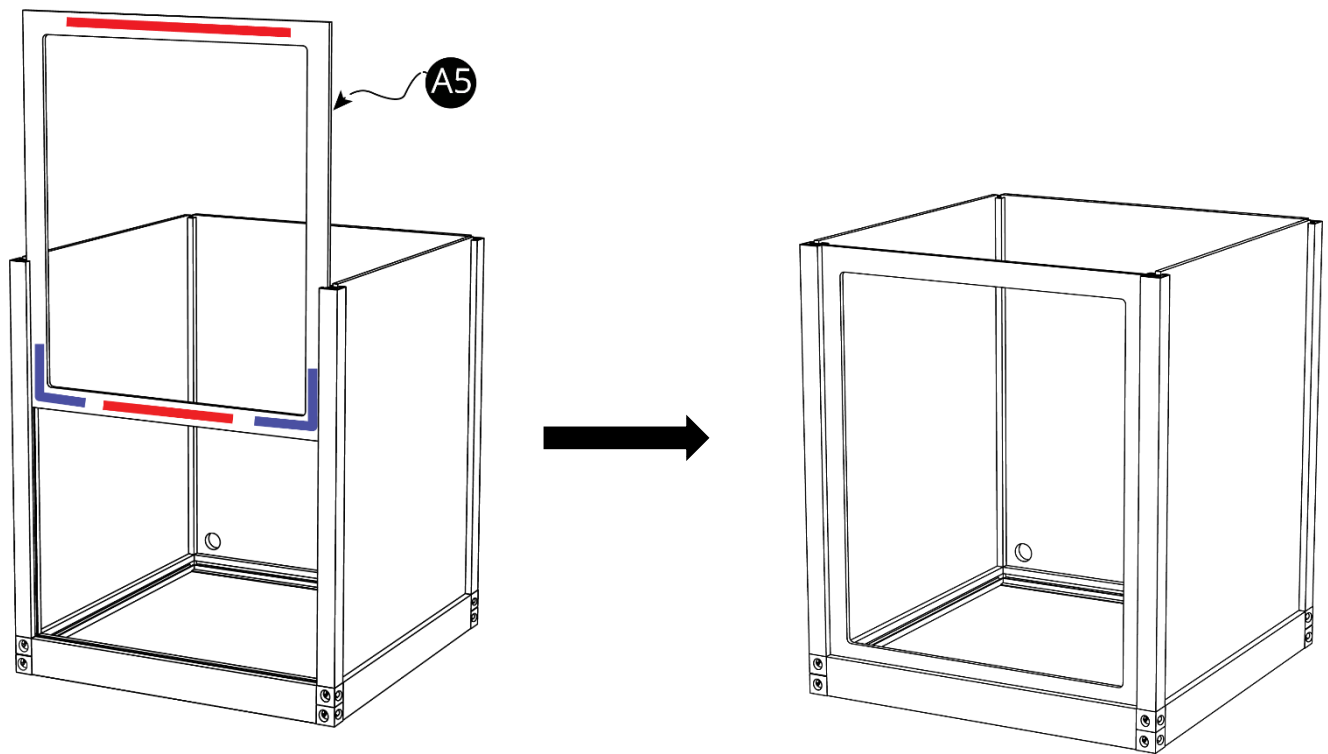
The rubbers may move slightly due to friction when inserting the windows, backside or frame. Put it back in place should this happen.



STEP-04

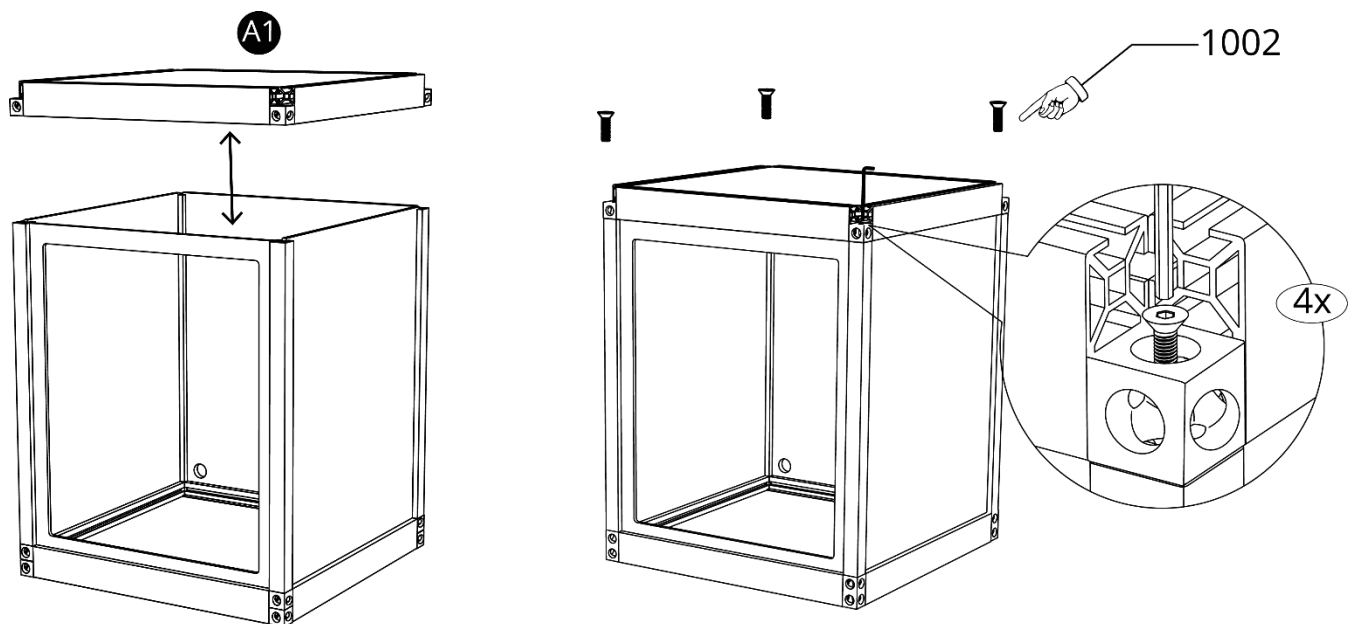
Install one window or backside at a time.
Make sure the acrylic sheet is in the centre of the rubber in the aluminium profile.
Do not apply too much force when pushing the windows/backside down. If the rubber moves from its place, put it back in place.





STEP-05

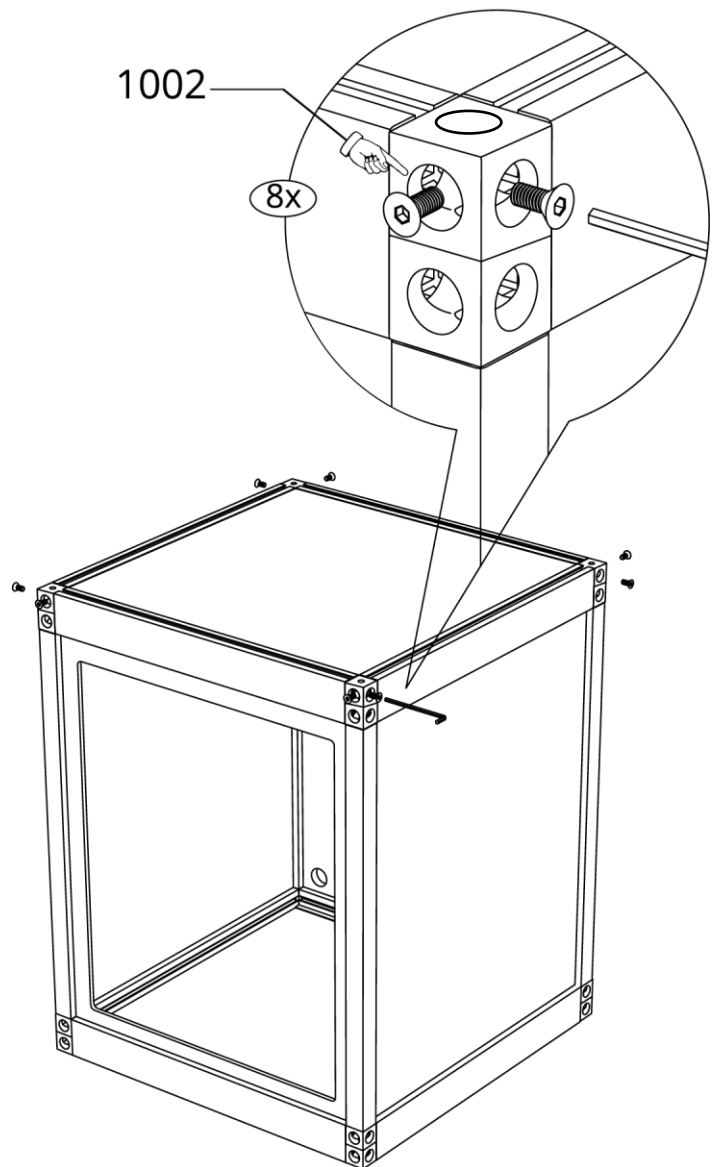
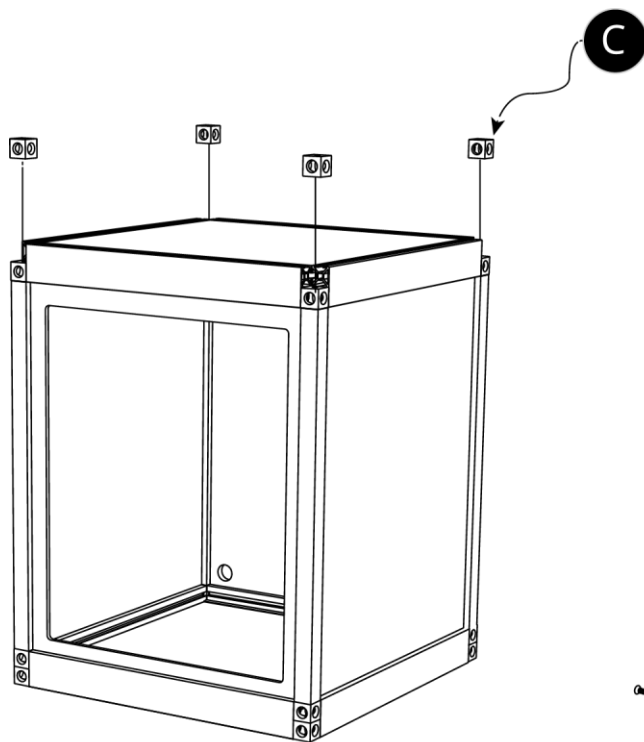
- 1) Remove the front and back plastic cover of frame A5.
- 2) DO NOT apply pressure in the zones marked red, only apply moderate pressure in the zones marked blue. You risk breaking the frame if you disregard this information.



STEP-06

Place shelf A1 on top of the structure. Make sure all the windows, backside and frame are inserted into the rubbers at the bottom of A1.

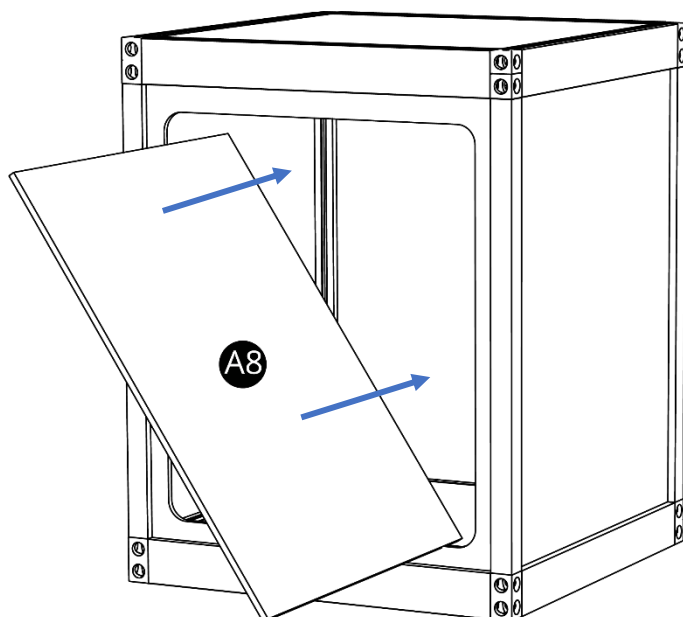
Use 4 screws (1002) to keep it in place. Tighten ALL screws well.



STEP-07

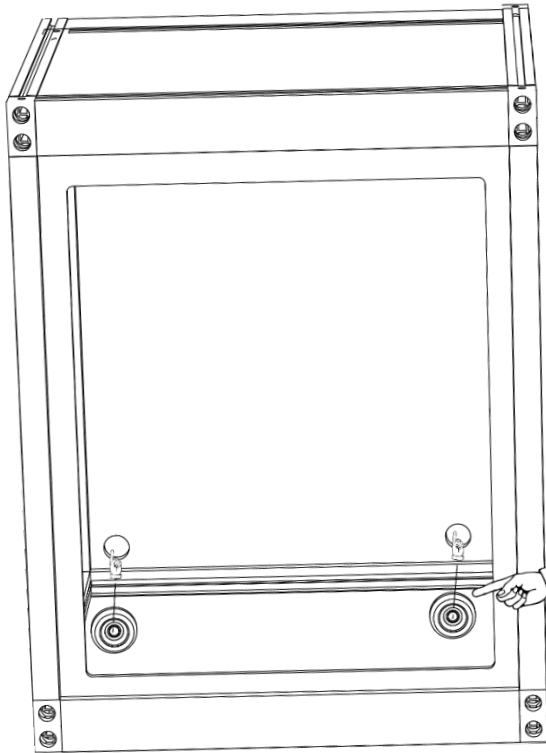
Install the remaining 4 cubes (C).

Use 8 screws (1002) for this. Tighten well.



STEP-08

Remove the protection (front and back) from A8 and insert it into its position following the diagram.

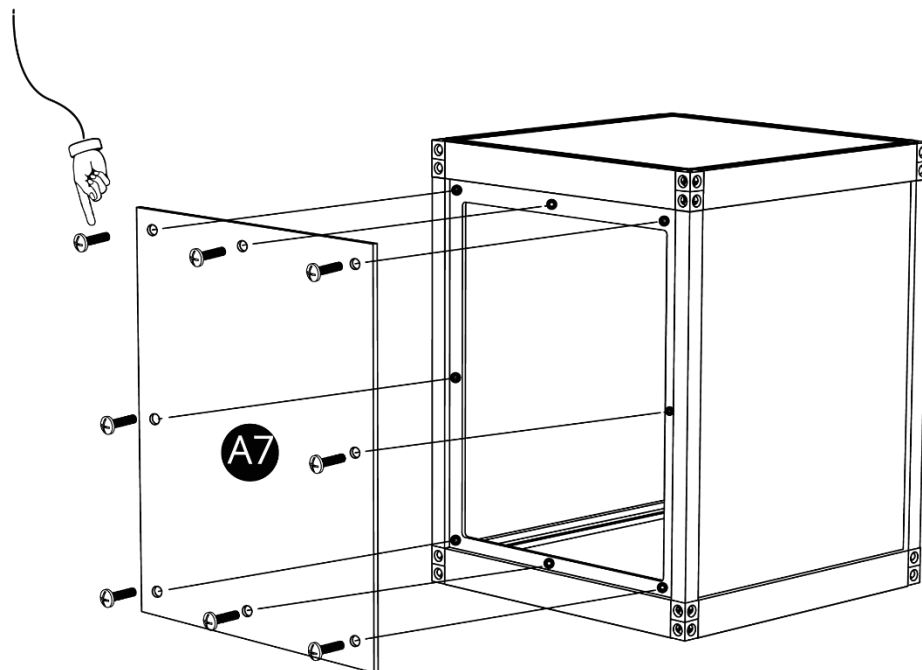


STEP-09

Insert the rubber gateways (A9) into the backside.



1004 [8 Pcs]



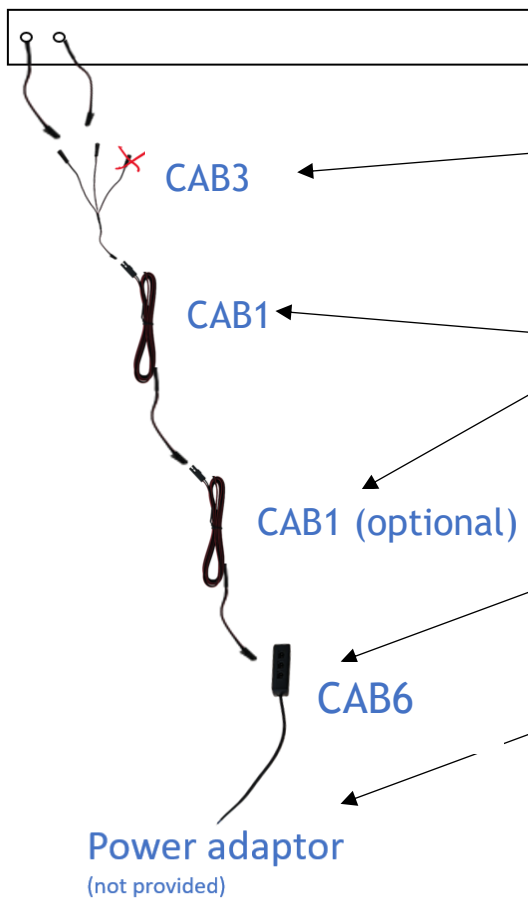
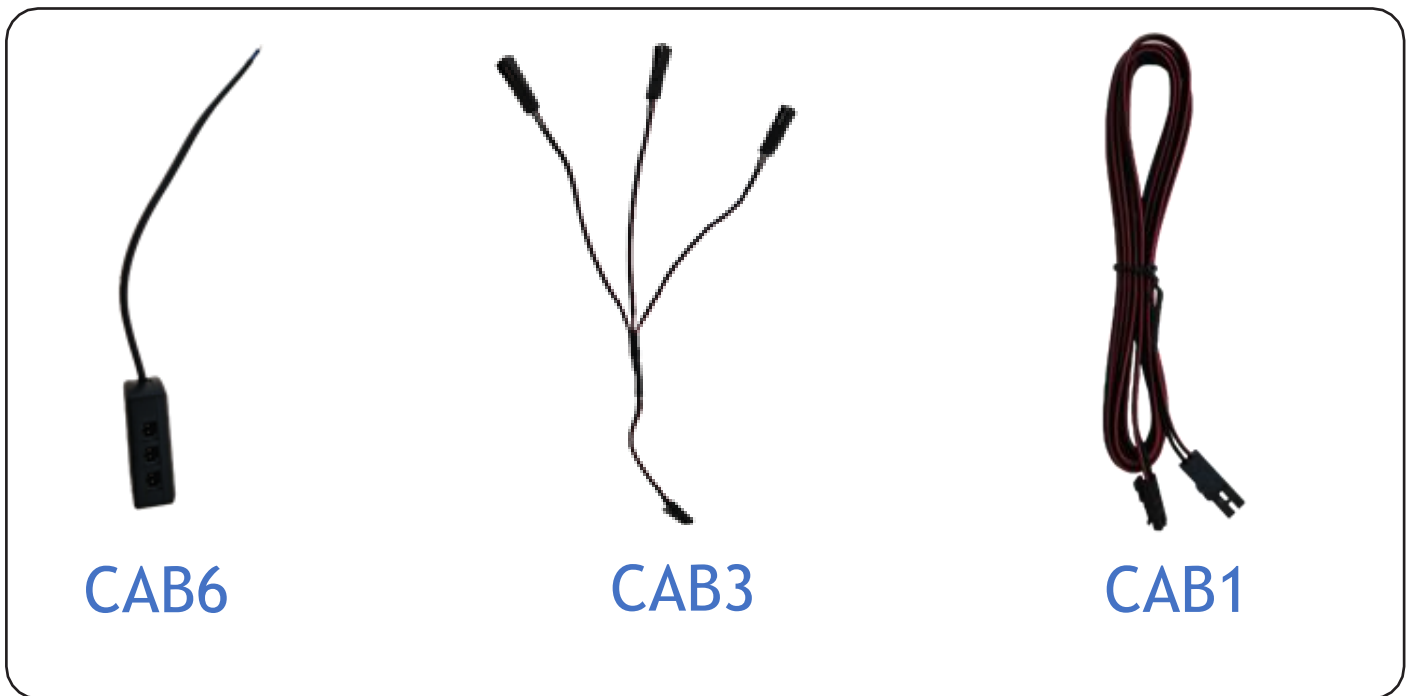
STEP-10

Insert A7 using acrylic screws (1004)

DO NOT THIGHTHEN THE ACRYLIC SCREWS!

STEP-11

CONNECTING THE WIRES



Every Shelf has up to 2 wires exiting from the back.

Connect both with a female connector of CAB3. (one connector of CAB3 will not be used)

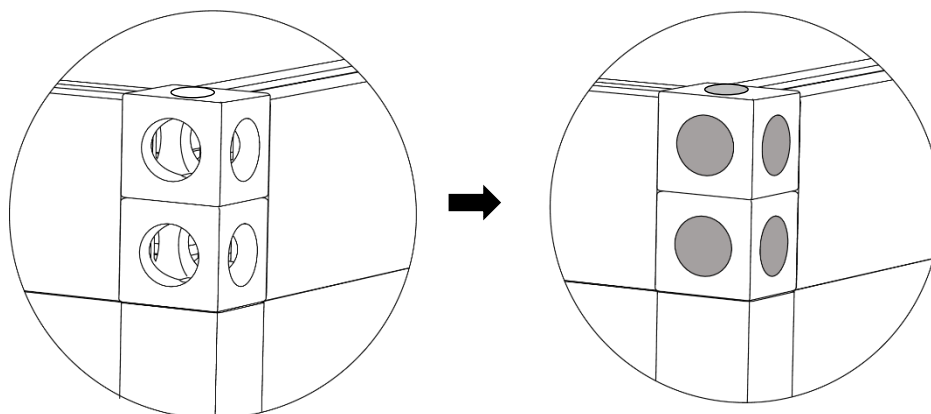
Connect the male connector of CAB3 to the female connector of CAB1. (You can extend the range of CAB1 by adding another CAB1).

Connect the male connector of CAB1 to one of the six connectors of CAB6.

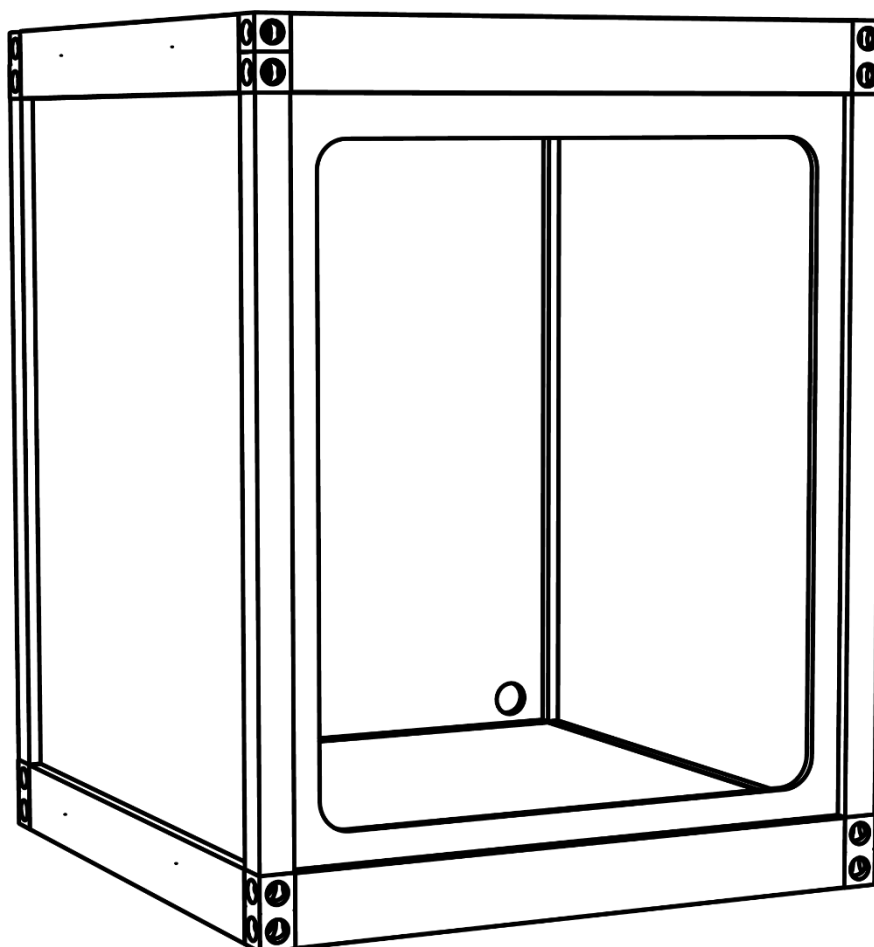
CAB6 will need to be connected to the power adaptor or dimmer of your choice. (Not provided by HyperDisplays, please check the guidelines on page 30, or contact us for more information).

STEP-12

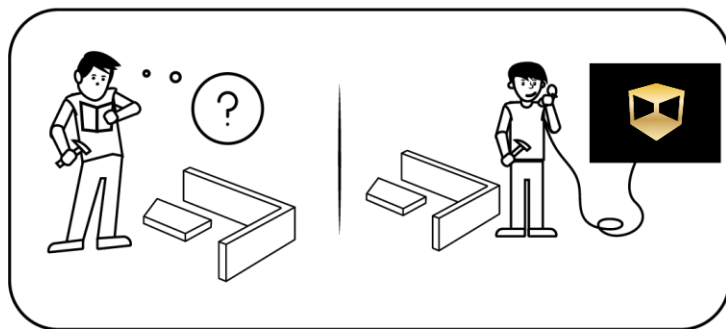
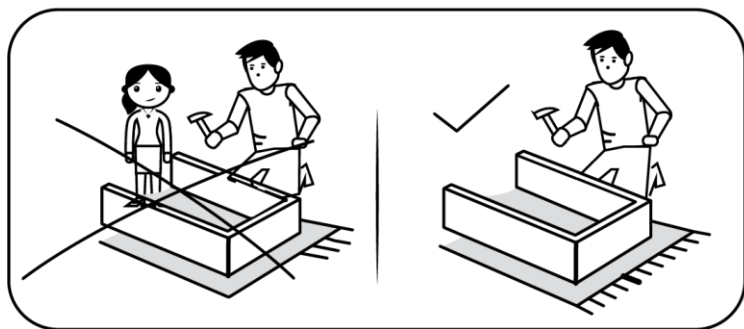
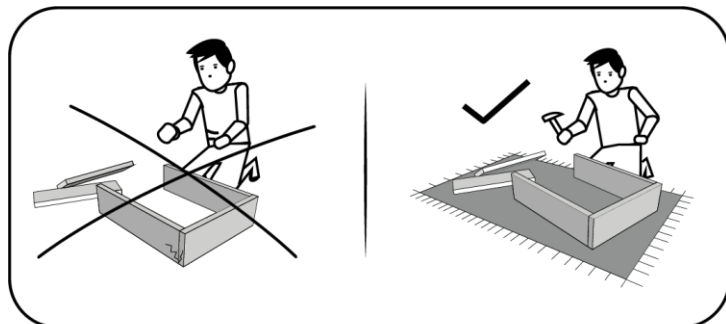
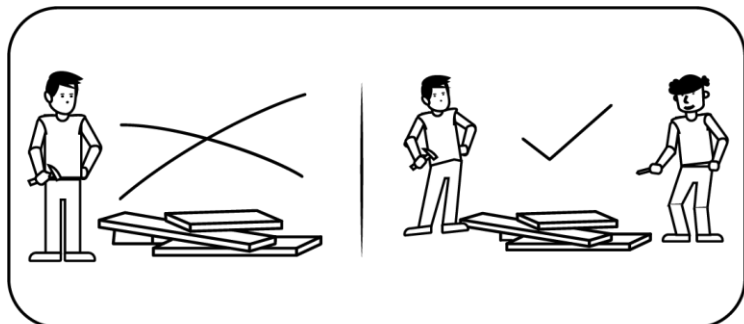
When everything is in done and everything is well screwed,
you can add the black covers (A10).



WELL DONE, YOU ARE READY TO START USING
YOUR HYPERDISPLAYS !!

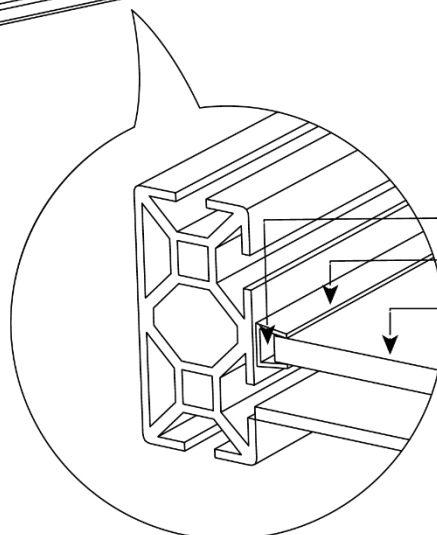
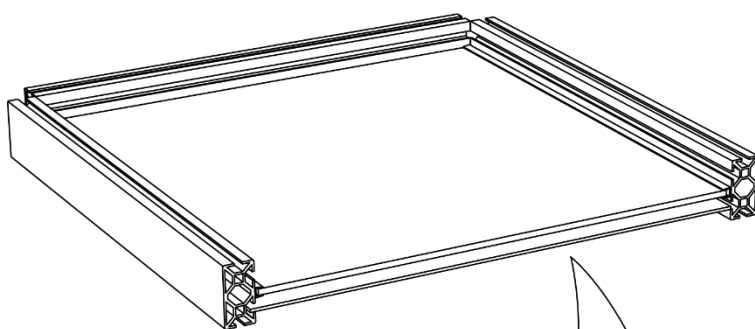
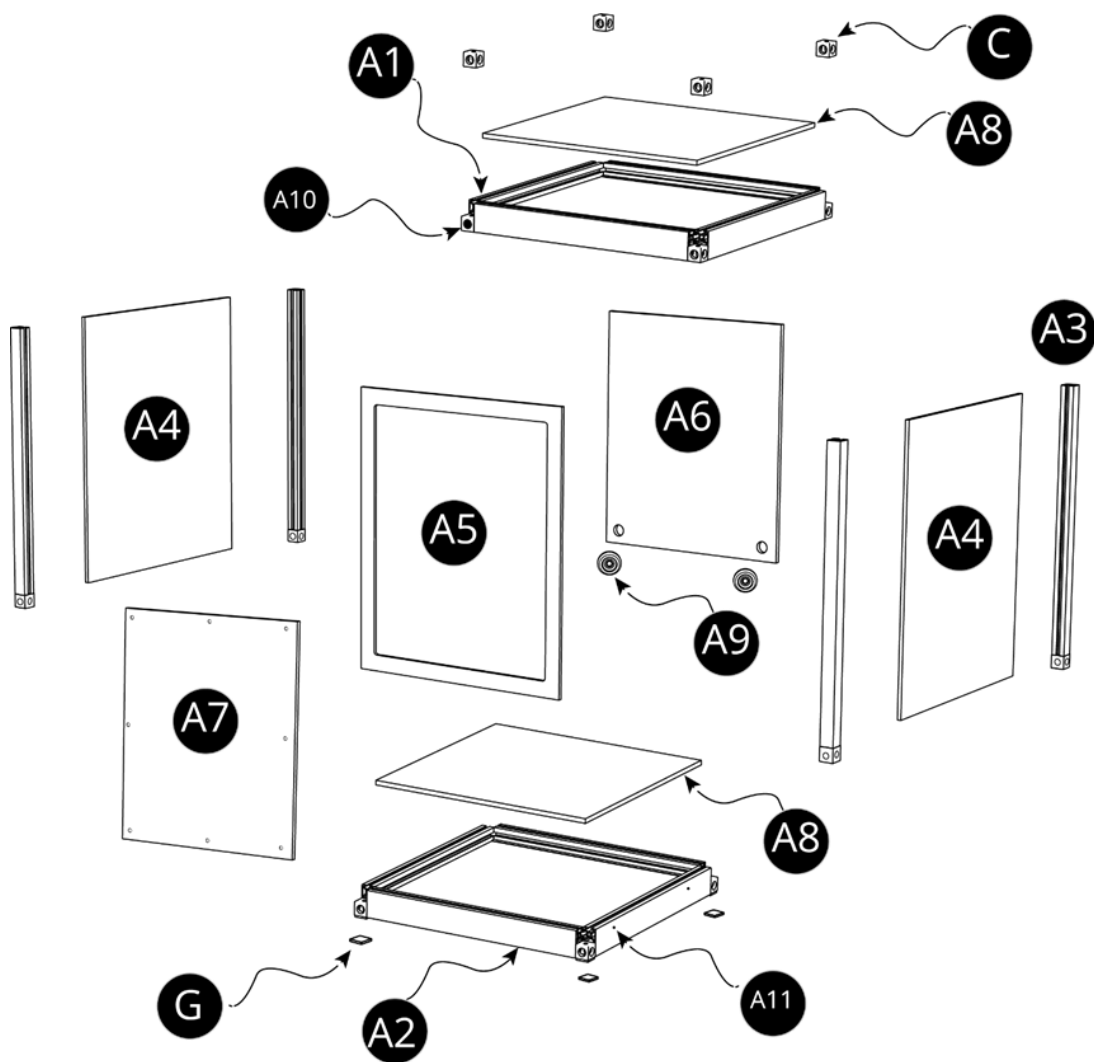


IMPORTANT NOTES



- Place all parts on a clean and smooth surface, like a carpet, to prevent scratches.
- Check to be sure that you have all parts and hardware.
- Keep all parts out of reach of children.
- Wear appropriate clothes and shoes. Some parts are heavy or can have sharp edges.
- Report any damages before you start the assembly.

EXPLODED VIEW

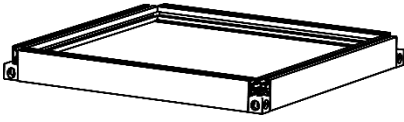


Led strips run here.

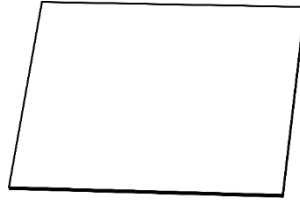
Aluminium housing

Light Guide Plate

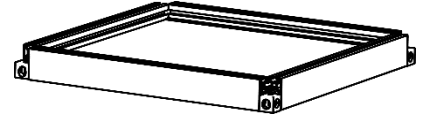
Parts Details



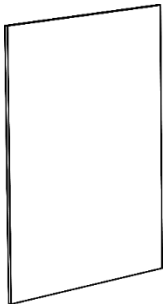
A1



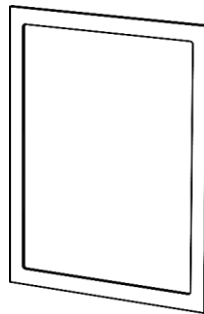
A8



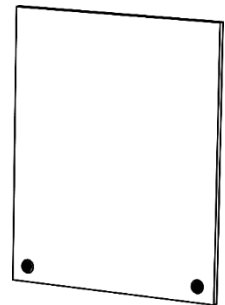
A2



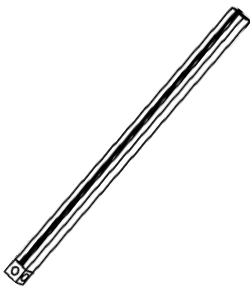
A4



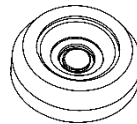
A5



A6



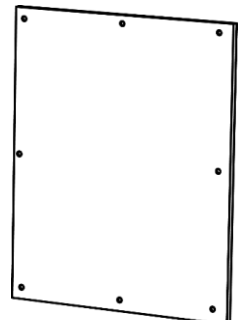
A3



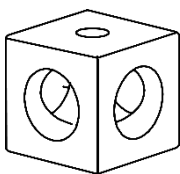
A9



A11



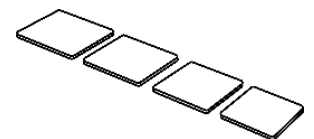
A7



C



A10



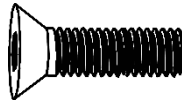
G

Hardware & Tool Details



JUM NUT

1001



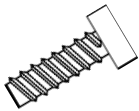
SREW [M8 x 14]

1002



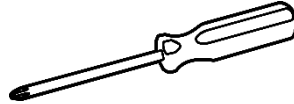
ALLEN KEY

1003



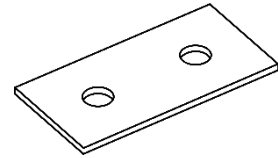
ACRYLIC SCREW [M6 x 8]

1004



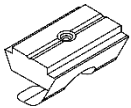
STAR SCREWDRIVER

1005



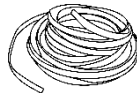
FLAT CONNECTOR

1006



T-BOLT

1007



ISOLATION

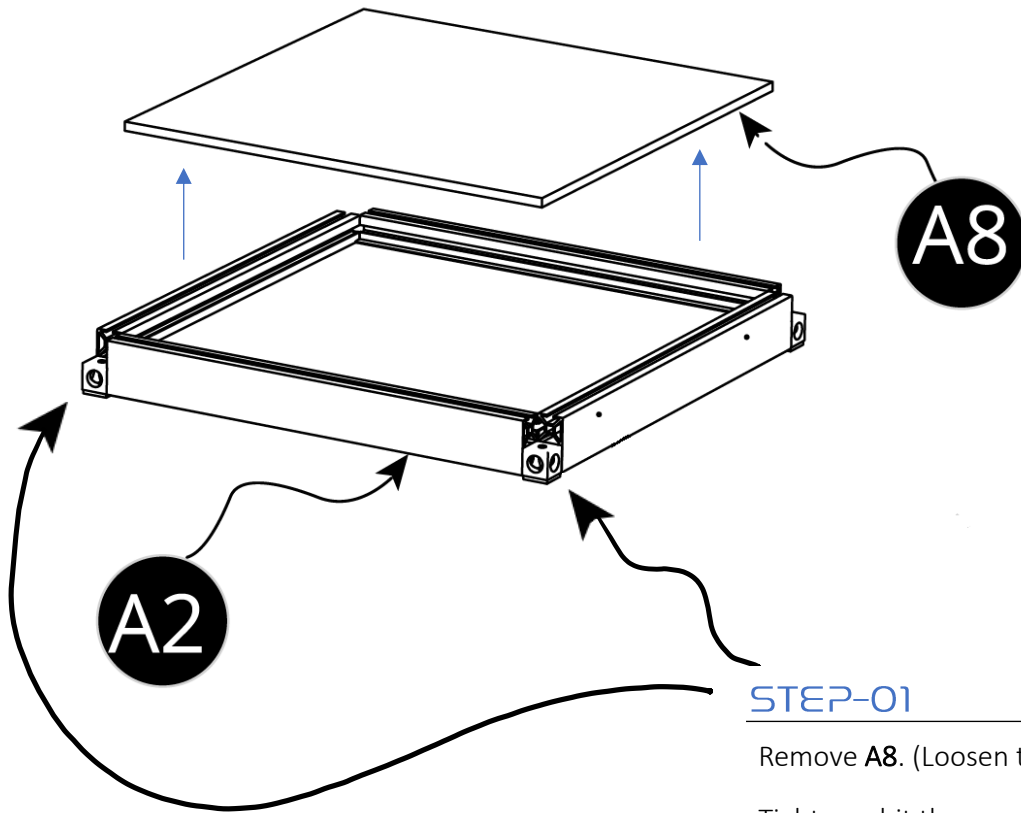
1009



SCREW [M6 x4]

1008

Let's start the assembly



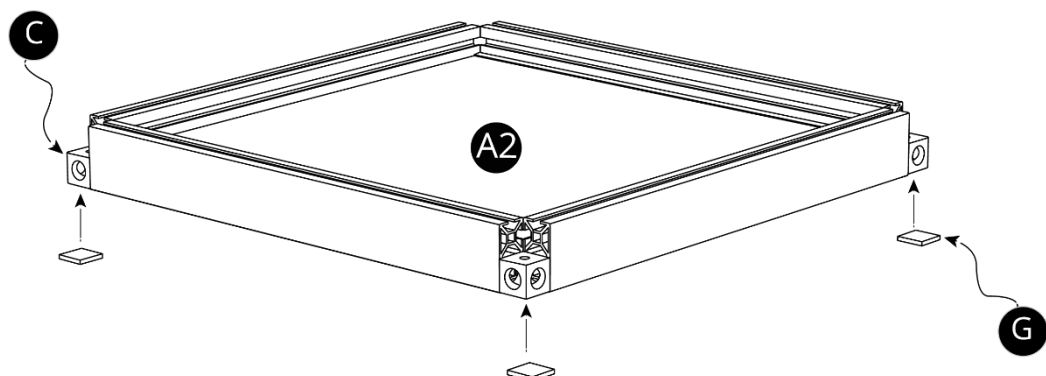
STEP-01

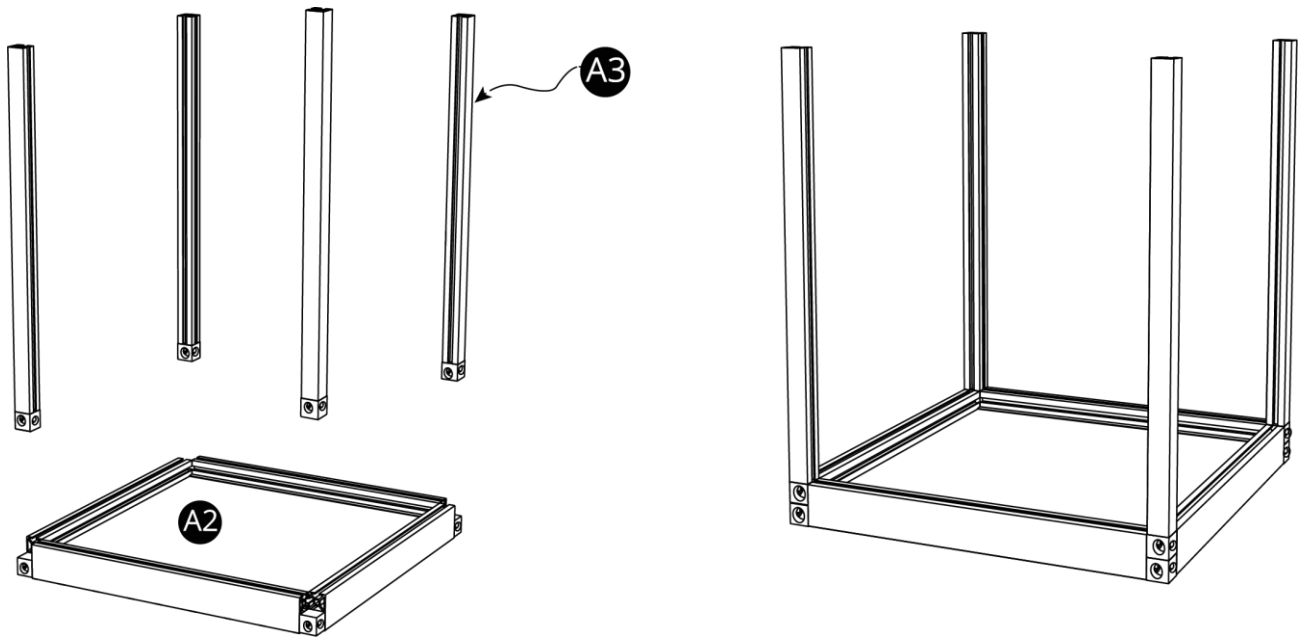
Remove **A8**. (Loosen the screws a little bit if needed.

Tighten a bit the screws again afterwards.)

STEP-02

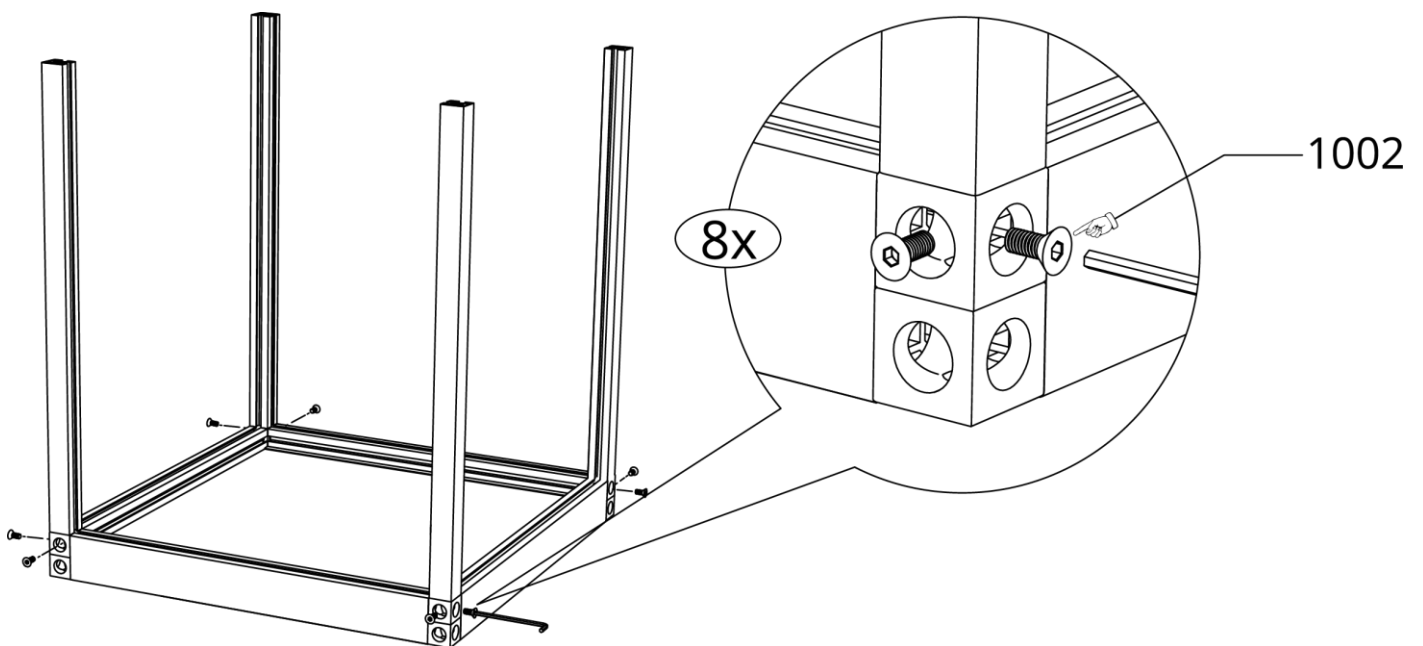
Floor shelf: the bottom of the connectors is flat; floor protection (**G**) is added.





STEP-03

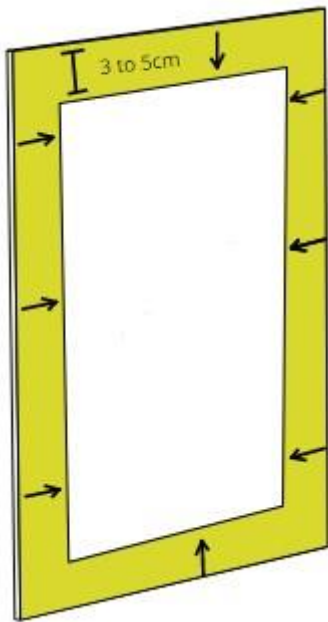
Insert A3 into A2



...NOTE...

Do not tighten the screws yet !
Do not insert the black plugs (A10) yet !
Do not place the 8mm plates (A8) yet !

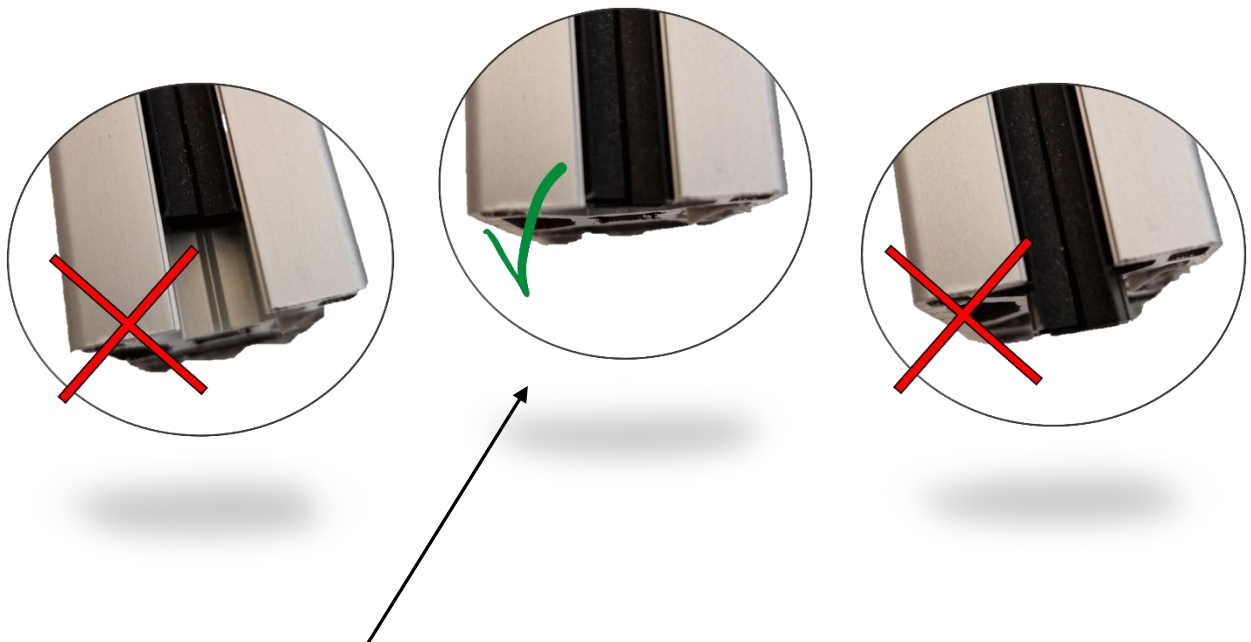
BEFORE STARTING STEP-4: REMEMBER THIS INFO



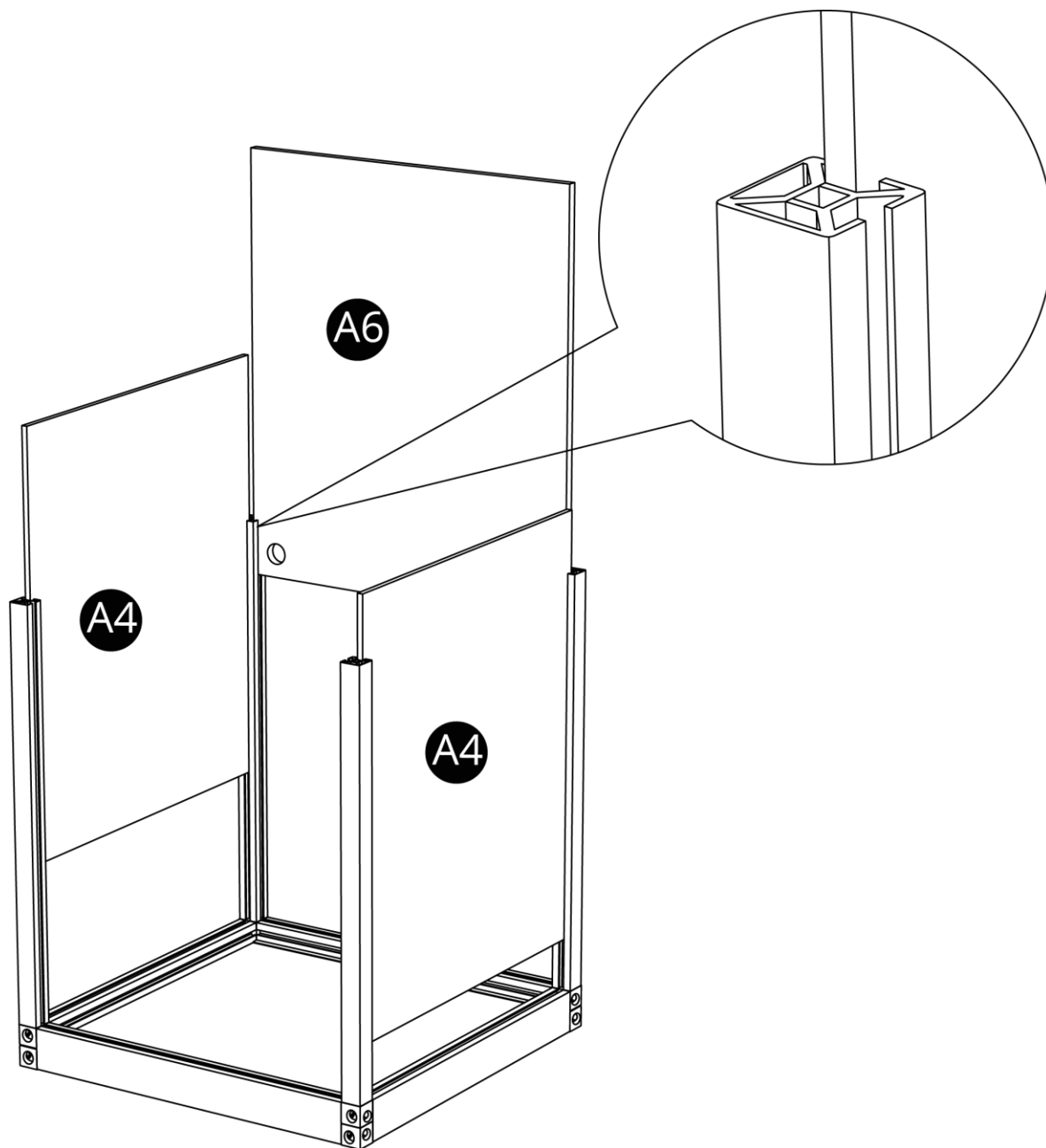
Detach about 3 to 5cm of the protective covers from the acrylic plates on all 4 sides (front and back).

You can choose to remove the covers completely but ensure you do not scratch the surface during the rest of the installation process.

All acrylic plates have 2 covers (front and back).



The rubbers may move slightly due to friction when inserting the windows, backside or frame. Put it back in place should this happen.

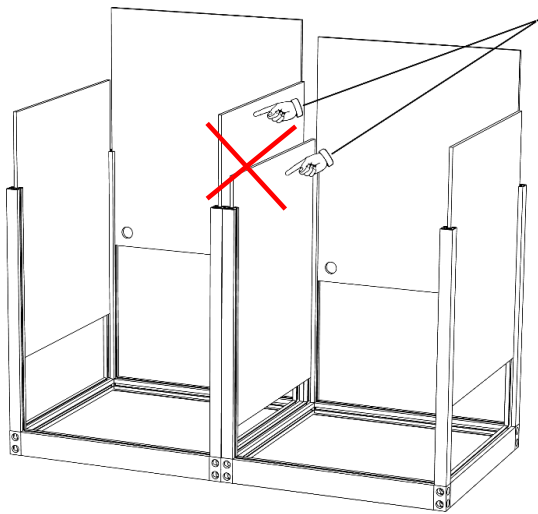


STEP-04

Install one window or backside at a time.

Make sure the acrylic sheet is in the centre of the rubber in the aluminium profile.

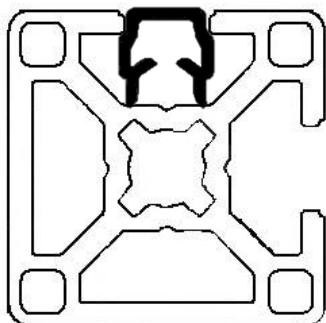
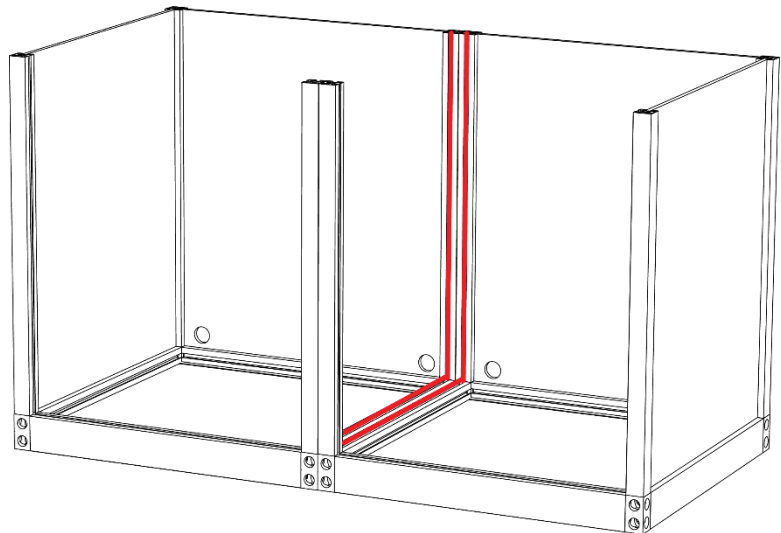
Do not apply too much force when pushing the windows/backside down. If the rubber moves from its place, put it back in place.



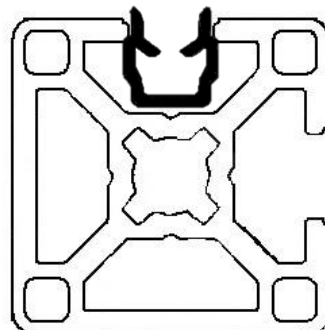
REMEMBER !!

When you will connect multiple columns; there will be no windows in between !

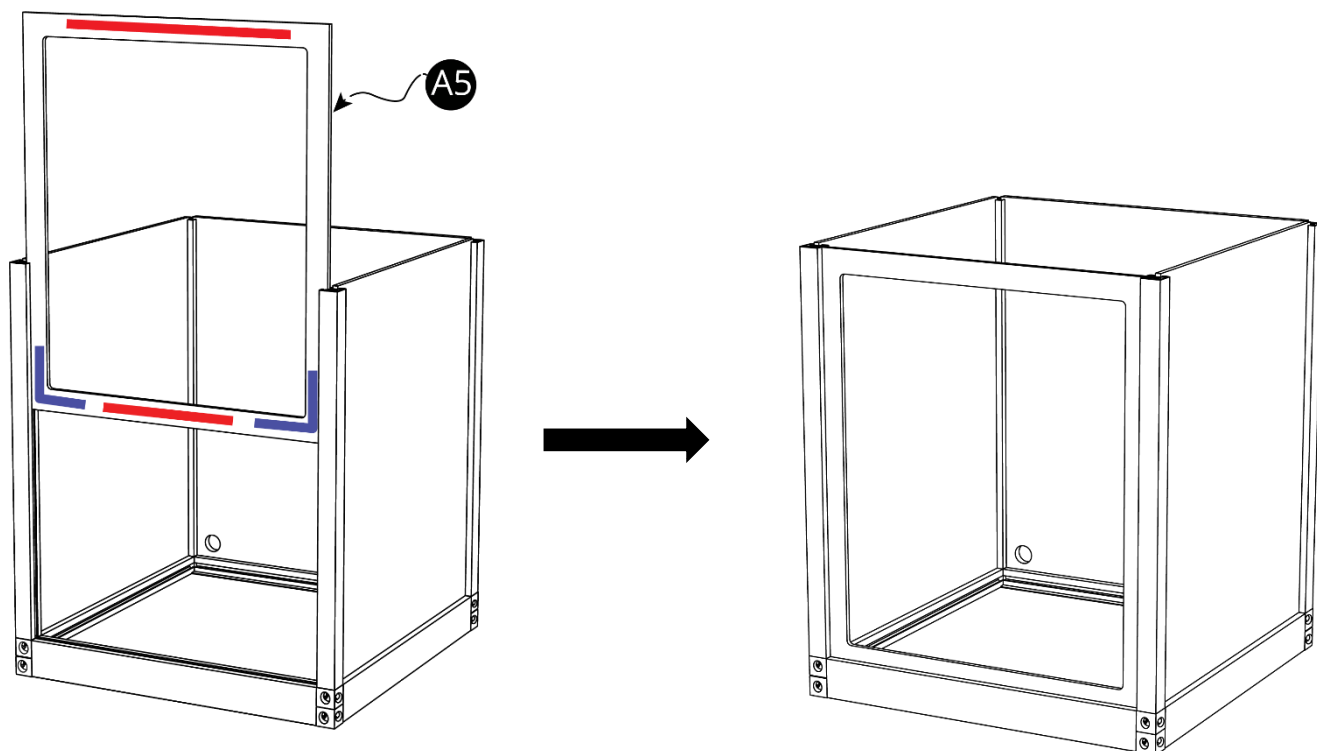
The rubbers that haven no window need to be 'closed' (and not 'open')



'closed'

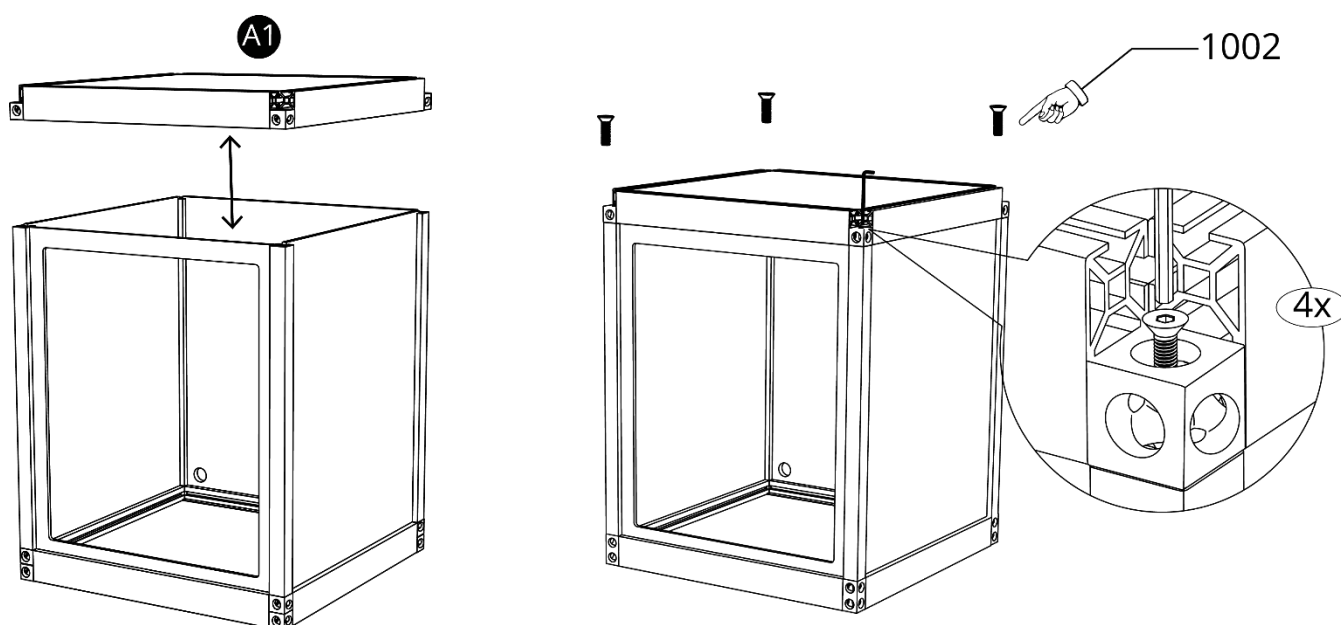


'open'



STEP-05

- 3) Remove the front and back plastic cover of frame A5.
- 4) DO NOT apply pressure in the zones marked red, only apply moderate pressure in the zones marked blue. You risk breaking the frame if you disregard this information.



STEP-06

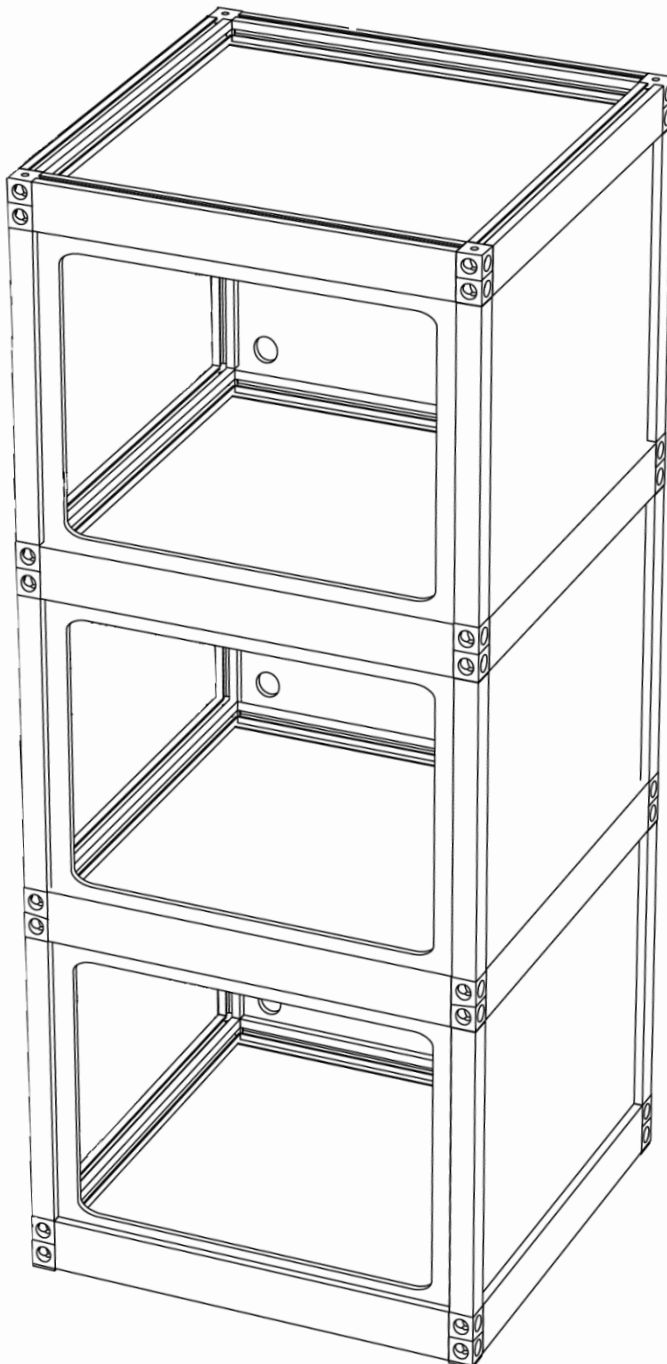
Place shelf A1 on top of the structure. Make sure all the windows, backside and frame are inserted into the rubbers at the bottom of A1.

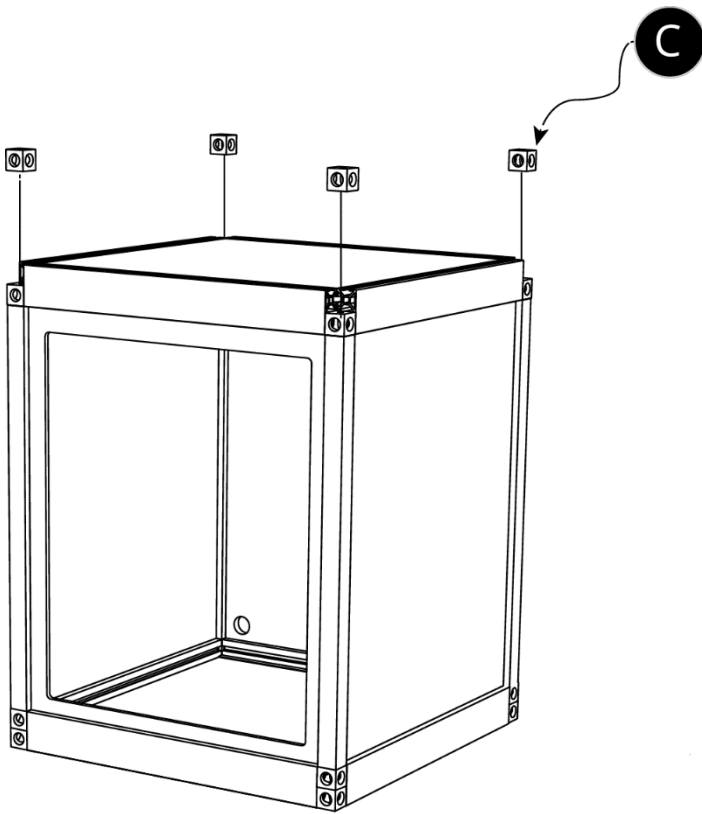
Use 4 screws (1002) to keep it in place. Tighten all screws 'also from STEP-01) well.

Restart from STEP-01 (pg 19) or STEP-02 (Pg 19)
depending on how many cases/columns you have.

! First build the vertical parts (columns) !

When all done, continue below...

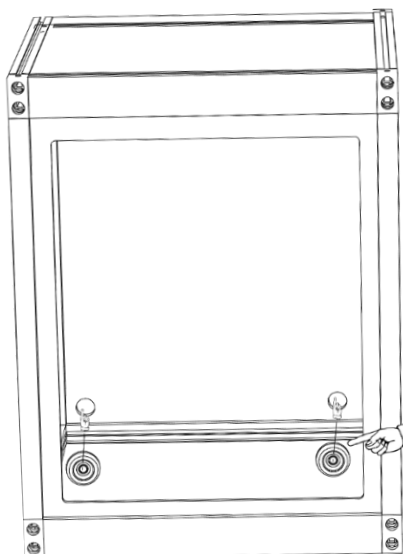
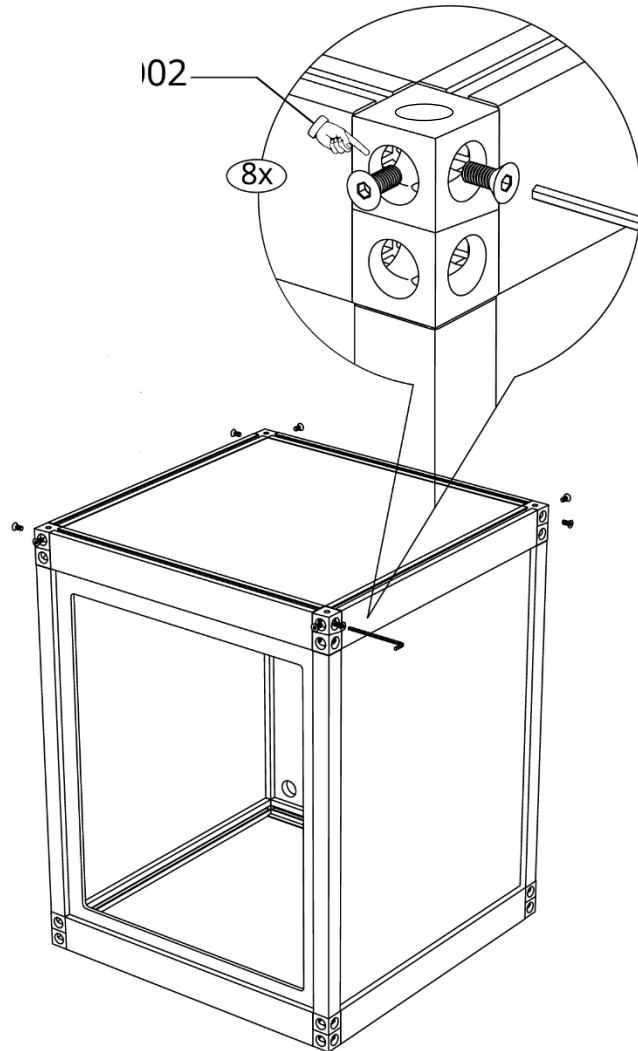




STEP-07 (Top cases only)

Install the remaining cubes (C).

Use 8 screws (1002) for this. Tighten well.

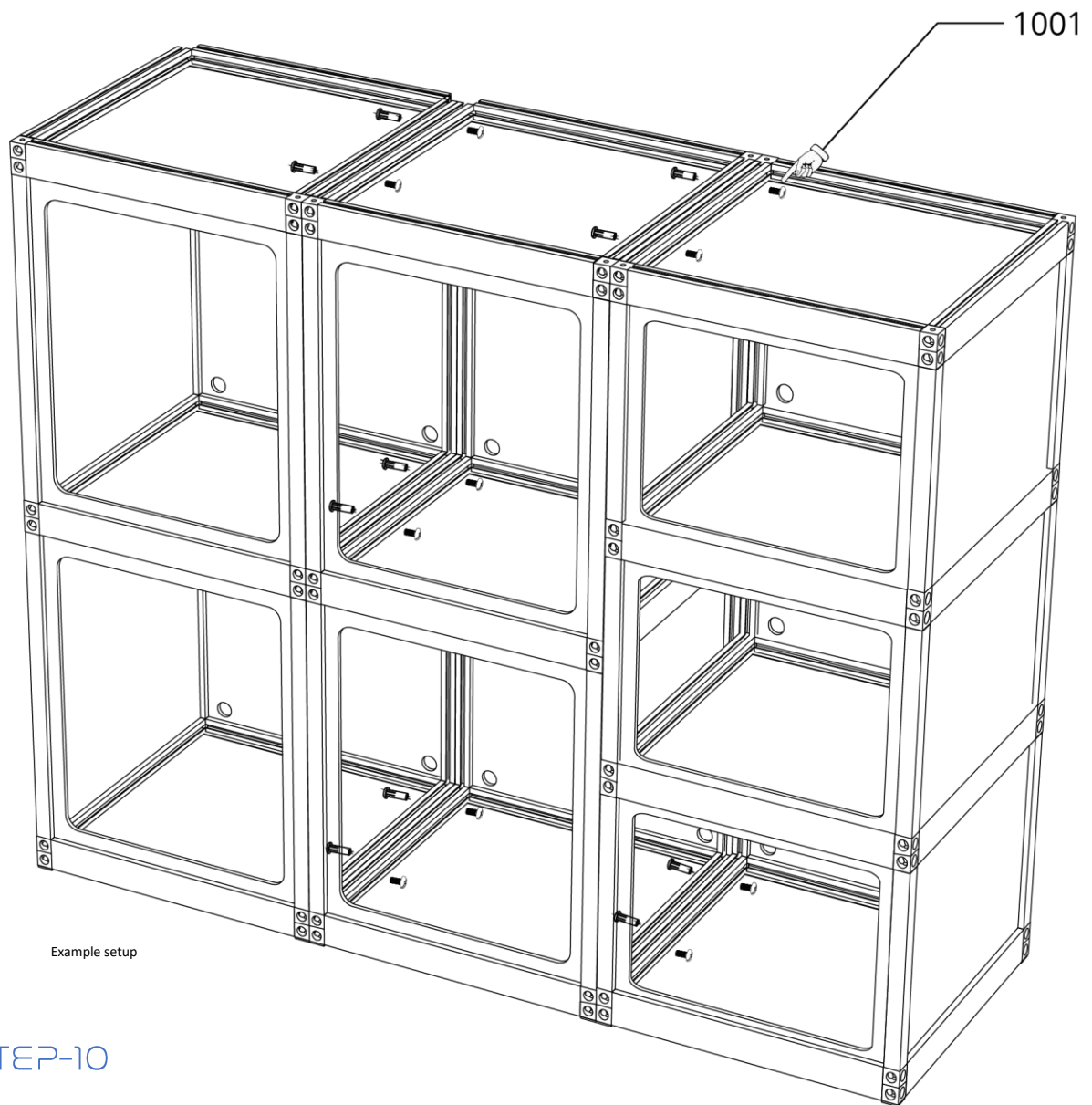


STEP-08

Insert the rubber gateways (A9) into the backsides.

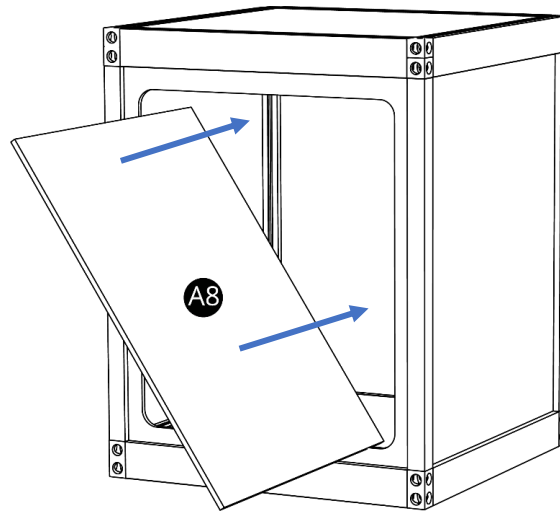


Connecting the vertical units



STEP-10

- When all the units are ready, set the HyperDisplays up as you want it to be.
- Remove any 8 mm acrylic plates (A8) that you might have installed already.
- Remove all the caps (A9) on the inside of the shelves.
- OPTIONAL: stick the black tubes (B1) between the horizontal and vertical outsideprofiles for maximum protection against dust (see our video for more information).
- Insert the screws and bolts as shown above and tighten them.
- OPTIONAL: use items B2, B3, and B4 to make an even stronger connection (see our video for more information).



STEP-11

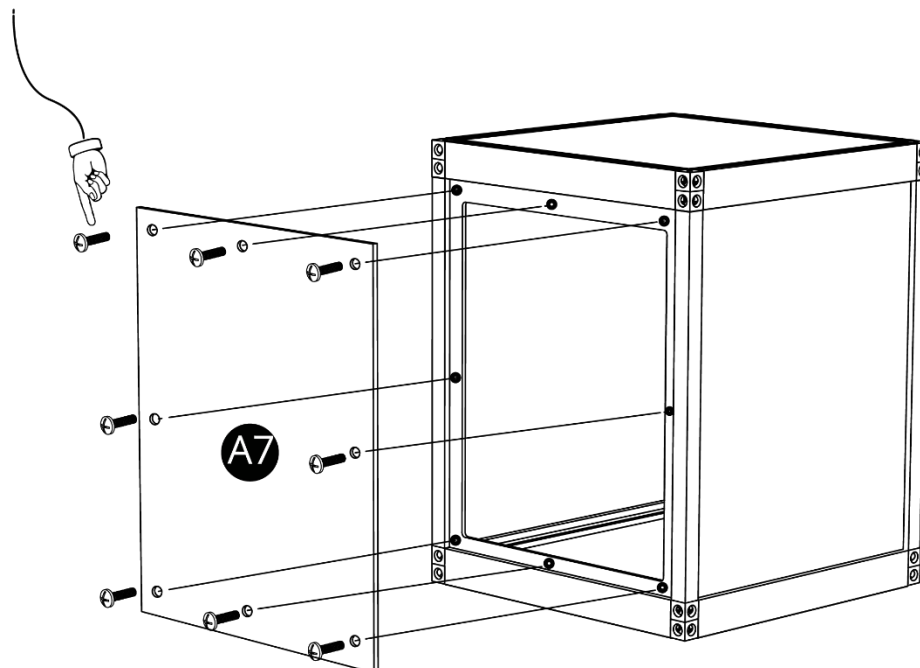
Remove the protection (front and back) from A8 and insert it into its position following the diagram. Do this for all cases.

STEP-12

Insert **A7** using acrylic screws (1004). Do this for all cases.

DO NOT THIGHTHEN THE ACRYLIC SCREWS!

1004 [8 Pcs]



STEP-13

CONNECTING THE WIRES



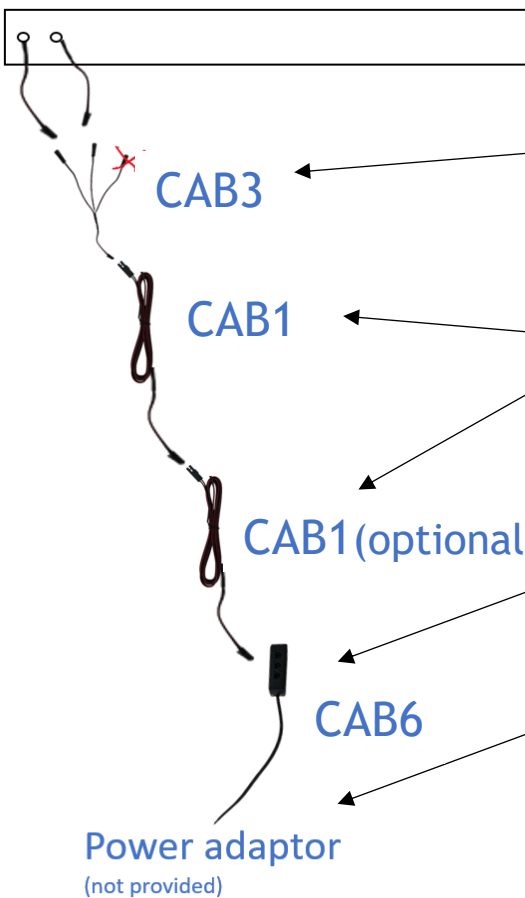
CAB6



CAB3



CAB1



Every Shelf has up to 2 wires exiting from the back. Connect both with a female connector of CAB3. (one connector of CAB3 will not be used)

Connect the male connector of CAB3 to the female connector of CAB1. (You can extend the range of CAB1 by adding another CAB1).

Connect the male connector of CAB1 to one of the six connectors of CAB6.

CAB6 will need to be connected to the power adaptor or dimmer of your choice. (Not provided by HyperDisplays, please check the guidelines on page 30, or contact us for more information).

Power Adaptor

Control the lights

The HyperDisplays are not equipped with a power adaptor. This is because every display case can have a different length and therefor have more or less LED lights than another case. Cases can be combined and connected to one power adaptor, or not.... Some people already have a power adaptor, some not...

Therefor we propose our customers to purchase a power adaptor to their own liking in the local or online electro store.

Keep this simple calculation in mind when you pick your power adaptor and/or dimmer solution:

Add up the lengths (in meters) of all your display shelves.

X

45W (20% reserve has been calculated into this number)

=

Total Watts your adaptor(s) needs to be.

Example :

- This display is 1m wide
- You have 4 shelves

The total W for your adaptor is :

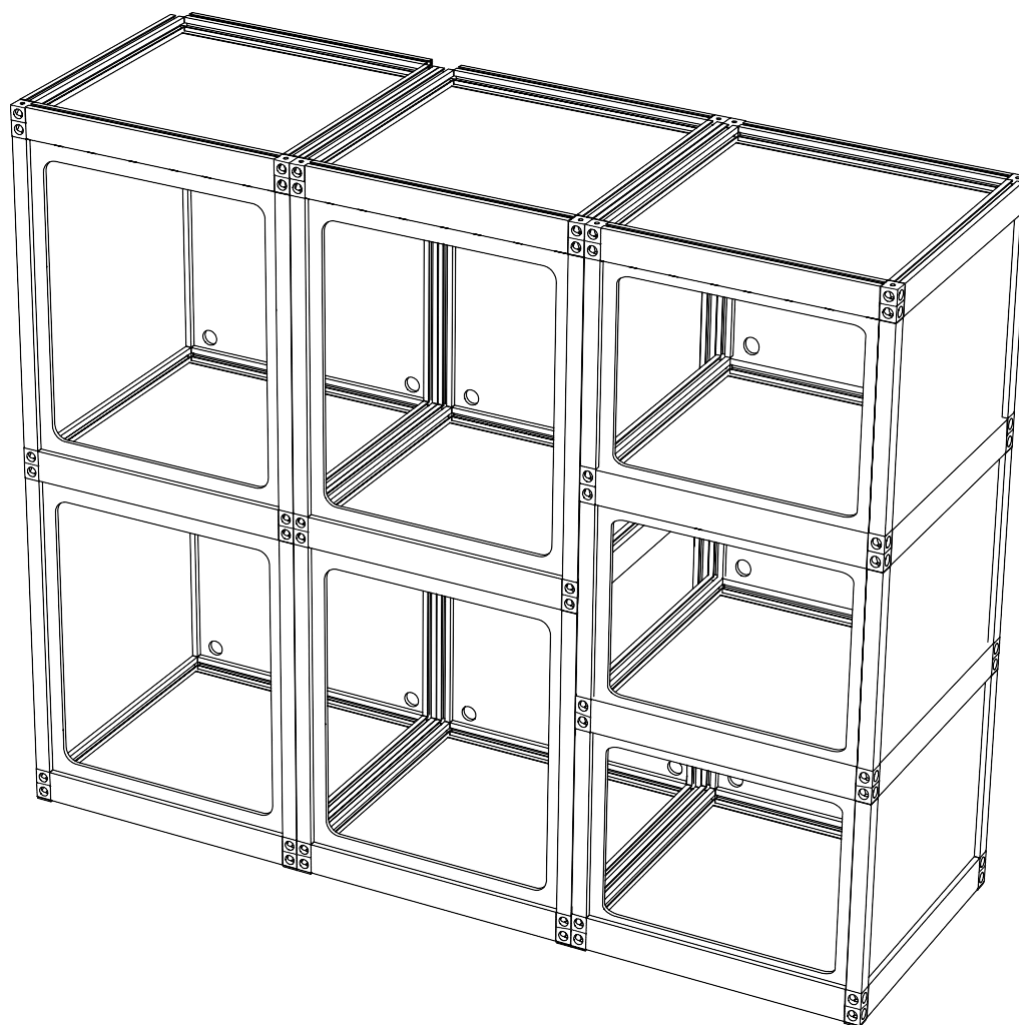
$$4 \text{ times } 1\text{m} \times 45\text{W} = 180\text{W}$$

For this setup you can use one adaptor of at least 180W (more is never a problem) or a combination of adaptors that has at least the same equivalent. You could for example connect every shelf to its own adaptor of at least 45W. Or, in this case, use 2 adaptors of 90W.

Always make sure the Wattage of the LEDS you connect is always lower than the Wattage of the adaptor and any dimmers etc you connect to it.*



WELL DONE, YOU ARE READY TO START USING
YOUR HYPERDISPLAYS !!



HYPER DISPLAYS

