

Cinema Build Systems Fixed Frame Screen Installation V5.1



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Before you begin



Although every care has been taken when manufacturing and packing your screen it is important to confirm all items are present and in good condition after shipping.

If any items are missing or damaged, please call your distributor immediately to have any replacement items shipped out to you.



Unpacking and preparing the build area

A key component of your Ultimate Screens Fixed Frame Projection Screen is the custom installer friendly bespoke packaging.

Before you remove the entire packing assembly, layout the protective plastic sheet to protect your flooring.

Remove the Packaging assembly by lifting the large cardboard tube in the upper part of the assembly.

It is important to use two people to ensure the assembly remains level during this stage otherwise damage to the screen may occur.

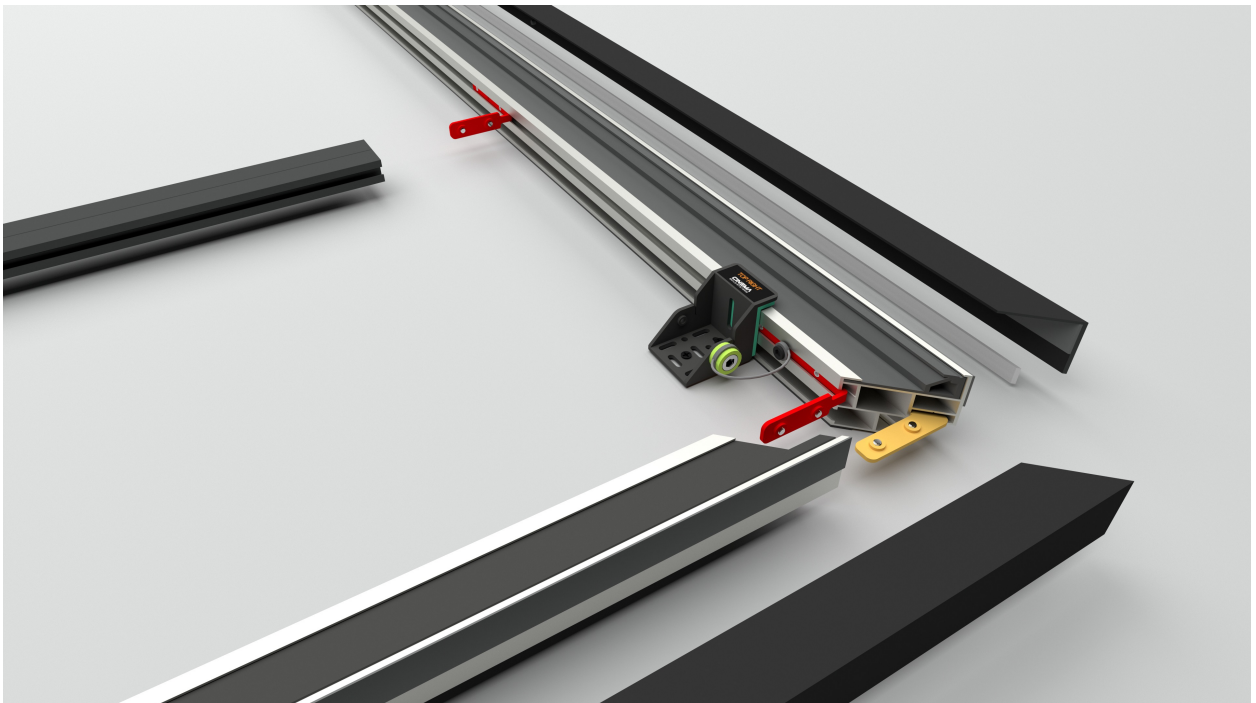
Assembling the main screen assembly



1: Carefully remove each velvet covered section of the framework one section at a time and remove the protective plastic sleeve.

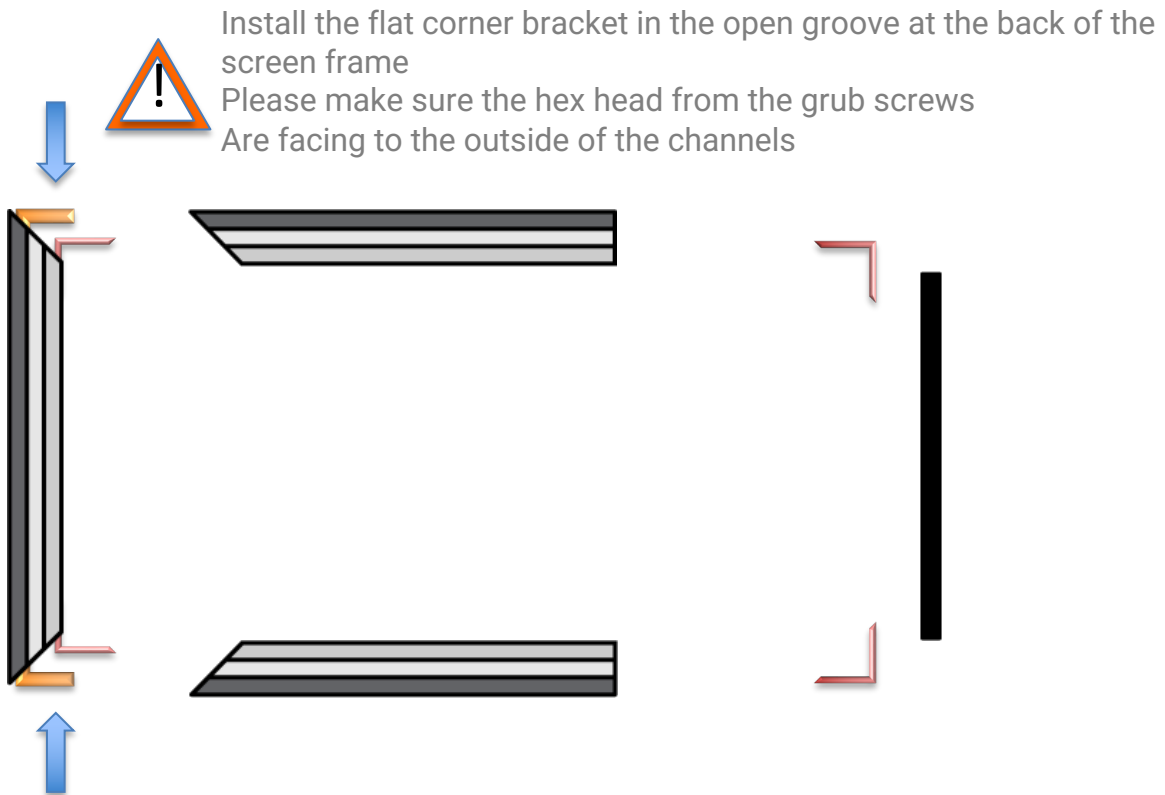
2: Once the sleeve is off, Using the Allen Key provided remove the fascia securing screws from the outside face of the velvet fascia and then gently detach the magnetic velvet fascia and place this back into the foam packaging for safekeeping while you assemble the main frame sections.

3: Lay the frame sections for one side of the screen onto the protective sheet with the grey gripper section and black magnetic strip face down on the ground.

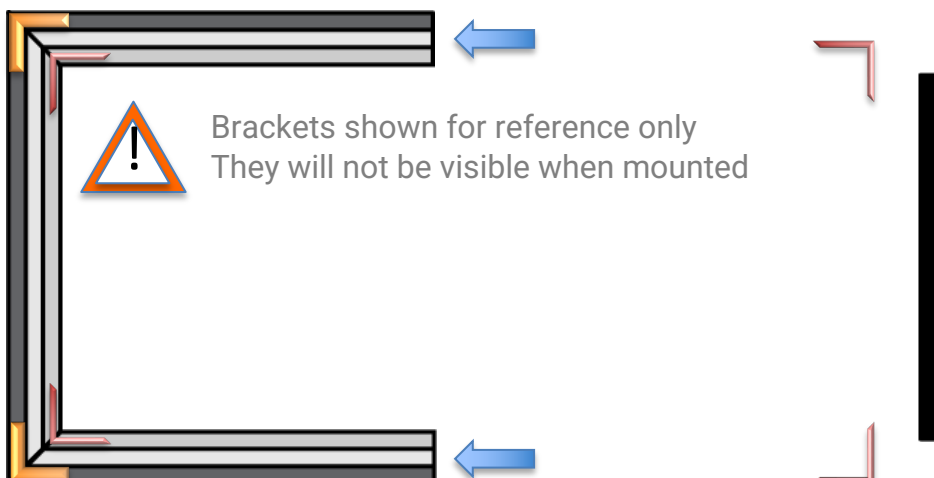


Assembling the main screen assembly

4: To assemble these sections firstly insert the corner sections into the outside mitre section of the screen frame



5: Now gently slide the two horizontal sections onto the brackets until the mitred corners meet snugly. Gently tighten the grub screws to hold the assembly

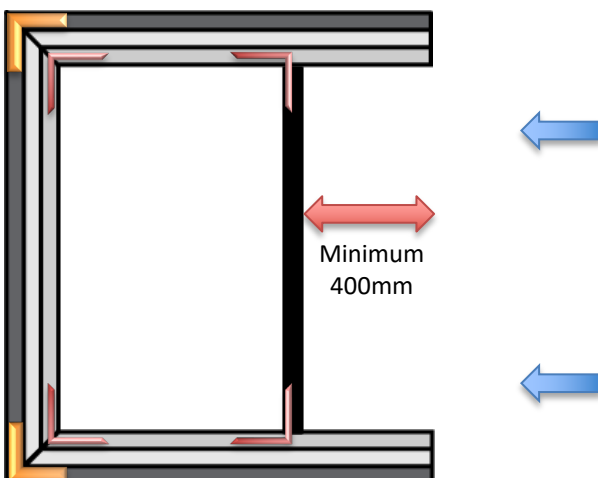


Assembling the main screen assembly

6: To assemble these sections firstly insert the corner sections into the groove of the screen bracer bar



7: Now gently slide the bracer bar into the desired position (allow for the width of your centre speaker) but do not move the bracer to close the outer screen frame as this will not give the frame adequate support. Once positioned, lightly tighten the grub screws

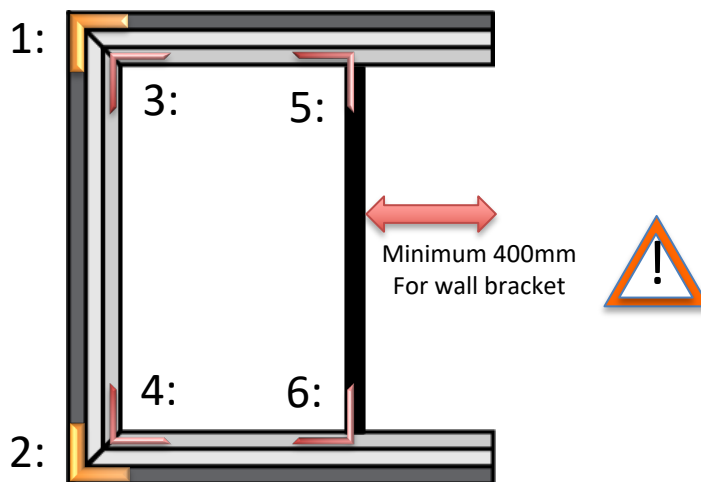


Assembling the main screen assembly

8: Using the supplied Allen Key, gently tighten all of the grub screws on the brackets to secure the frame sections in place.

Tighten the brackets in the order as shown below

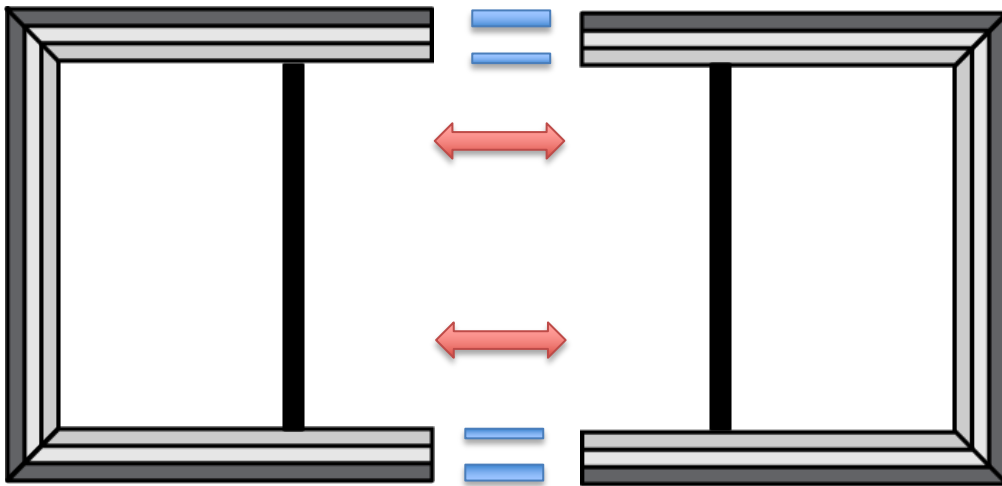
Use an engineers square to confirm the screen corners are set at 90 degrees, otherwise the velvet frame facias will not align properly.



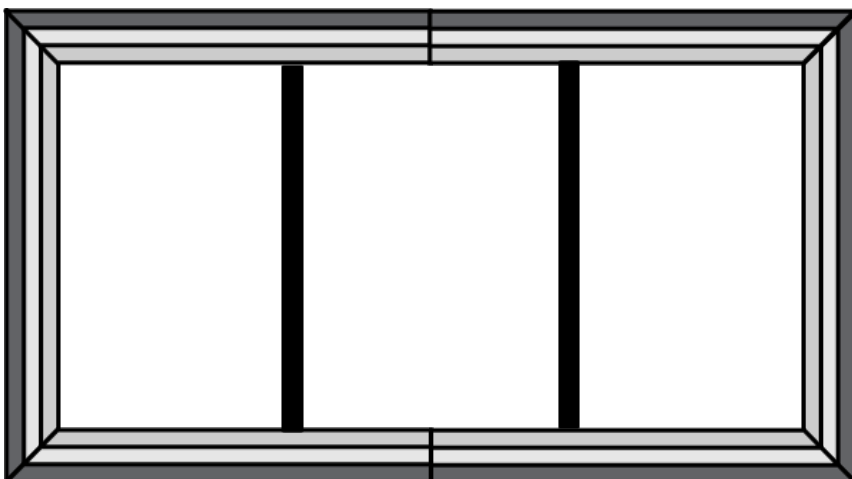
9: Once the left hand frame is complete, repeat with the right hand frame

Assembling the main screen assembly

10: Once both frames are assembled, using the 4x flat brackets slide the left and right frames together and tighten the brackets to complete the frame assembly



11: Make sure the frames fit snugly and tighten up the grub screws to complete the screen frame assembly. It is now ready to mount to the wall



Assembling the main screen assembly



11: If installing an LED tape into the screen, you will be required to drill a hole to allow your LED tape feed exit the channel.

Do this from the inside of the frame.

Use a 10 – 12mm Suitable metal drill bit for this and make sure the screen Facias are removed to avoid damage.



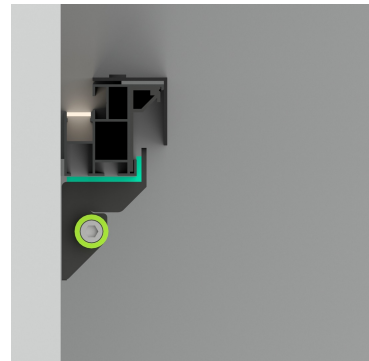
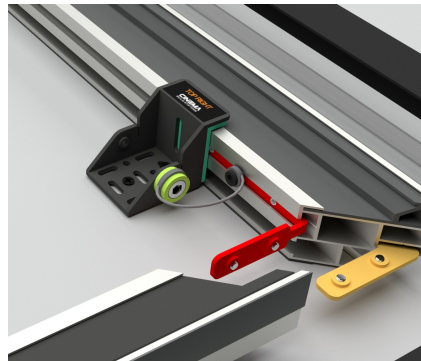
Wall Mounting the Screen

12: The screen comes with a simple set of wall brackets to aid the installation of the screen.

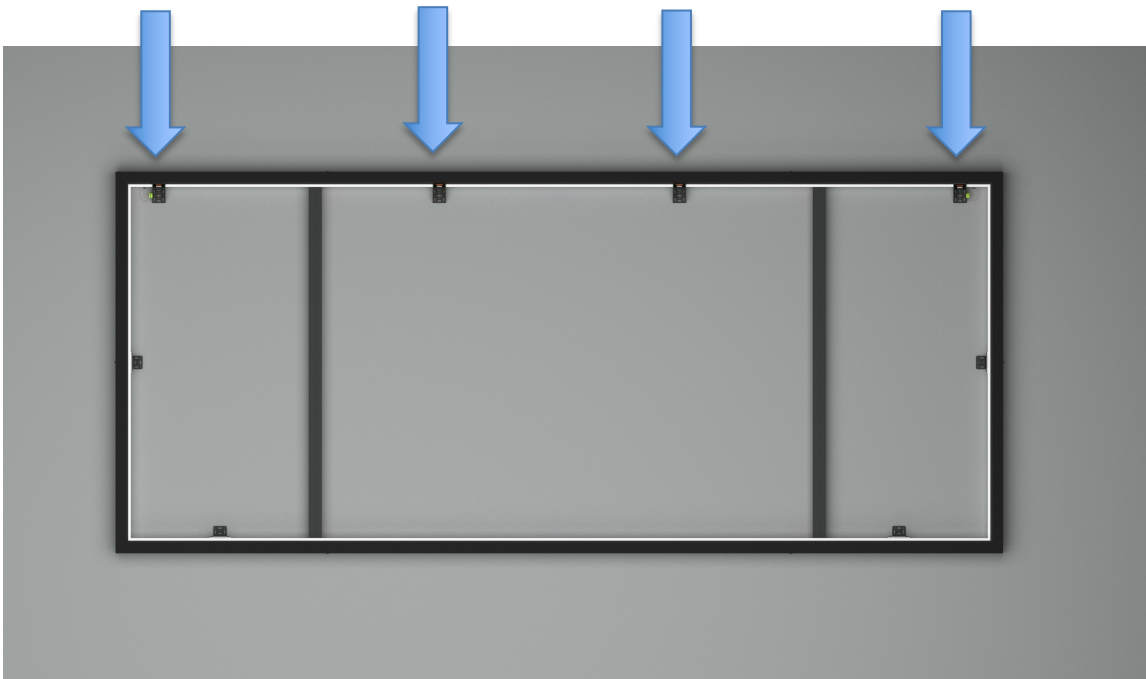
Once the screen position has been decided, mount the wall brackets with the soft green gasket using suitable fixings to support the screen frame for the installation. The screen frame simply drops onto these brackets and is then able to be adjusted for left and right.



Screen hanging
Bracket shown:



13: Once the bracket is level and secured to the wall, the main screen assembly can be hung in place on the bracket. Make sure the screws are located in the inside groove on the screen frame.



14: Once the screen frame is hanging, push the magnetic brackets against the back wall as this is where they will be fixed, to stop the bottom of the screen from swinging forward and also fixing the lateral position.

Wall Mounting the Screen

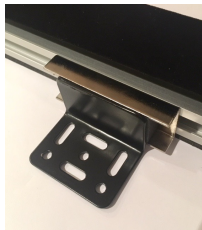
15: When you are happy with the screen and bracket position, using the supplied Ultimate Screens Pencils, mark the pre drilled fixing points on the brackets to the wall behind.

Then using suitable fixings secure the entire frame to the wall.

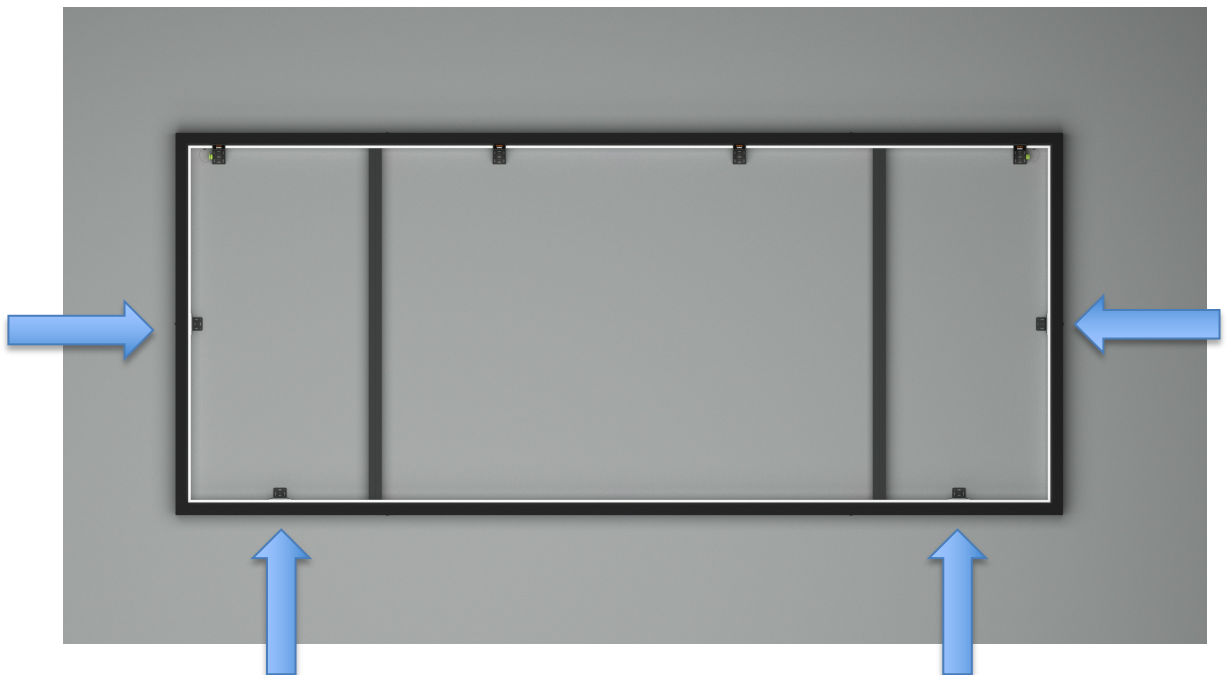
Once the screen is hanging in the correct place, mark and fix the removable magnetic brackets into place



Magnetic
bracket



Please note: If you require to remove the screen from the wall, gently pull it forward away from the wall and then lift it up off the top brackets.



Magnetic Fixing Bracket Positions may Change in relation to screen size

Installing the screen fabric



Use the supplied gloves to protect the fabrics before handling

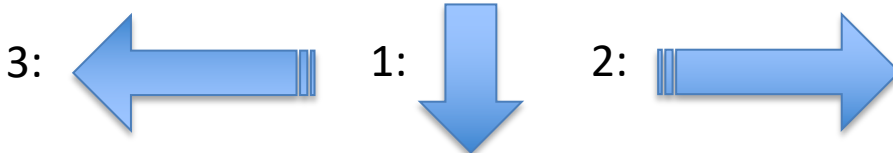
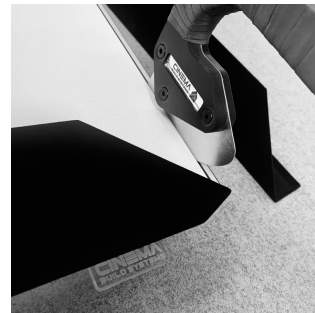
16: Firstly install the backing layer of your screen. (This will be black)

Starting at a top corner, install a small amount of the fabric into the groove in the screen frame to hold the fabric in place. Then START at the CENTRE of the screen working out to the right and then from the centre along to the left.

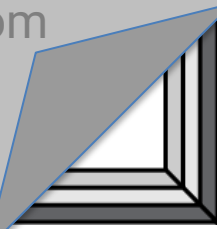
Continue to secure the fabric along the top of the frame using the supplied spatula tool.

Keep a gentle tension on the fabric as you install it to stop wrinkles forming

Fabric is inserted into the
Fabric Track



Allow at least 50mm overlap
at sides
And check you have left
enough to reach the bottom
gripper channel



Installing the screen fabric

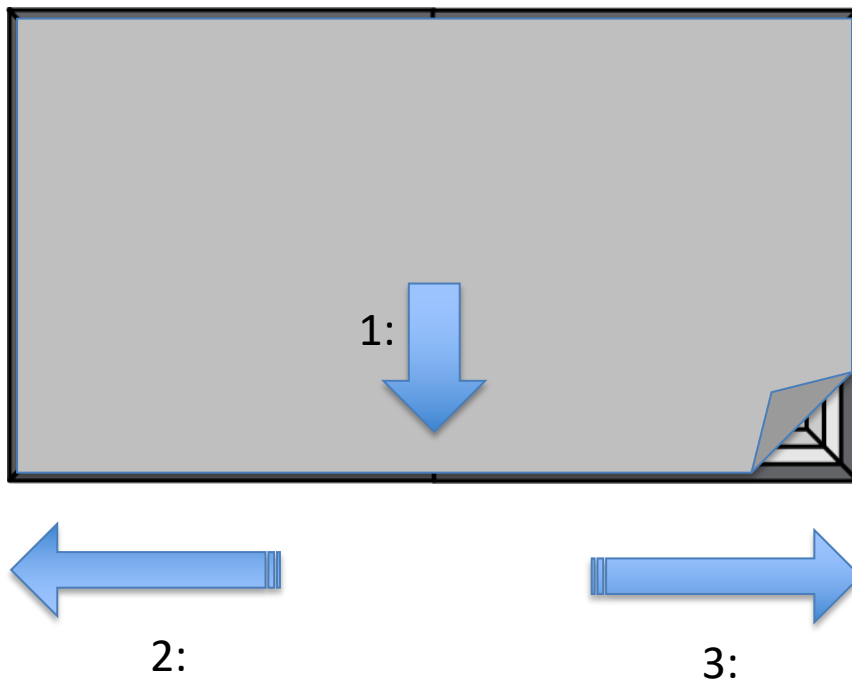


Use the supplied gloves to protect the fabrics before handling

17: Once the top line of the fabric is in place, using a gentle tension, pull the screen fabric to the bottom centre of the screen frame (back sure it is pulled vertically to stop wrinkles forming) and secure into the fabric track groove with the spatula.

ONLY ADD Enough tension to remove the creases, if you over tension the fabric you may tear it or distort the screen frame.

18: When the fabric is secured at the bottom centre, start working out to the sides, but keep a gentle downward and outward pressure on the fabric to keep it smooth and evenly tensioned.



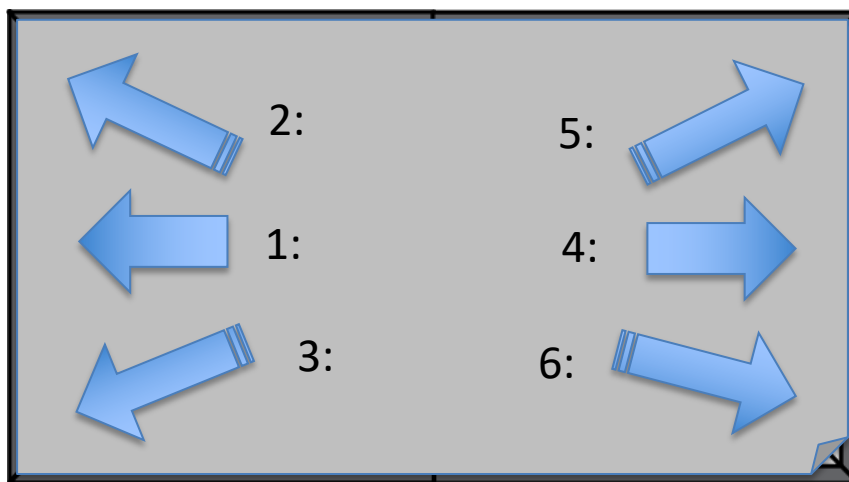
Allow at least 50mm overlap at sides

Installing the screen fabric

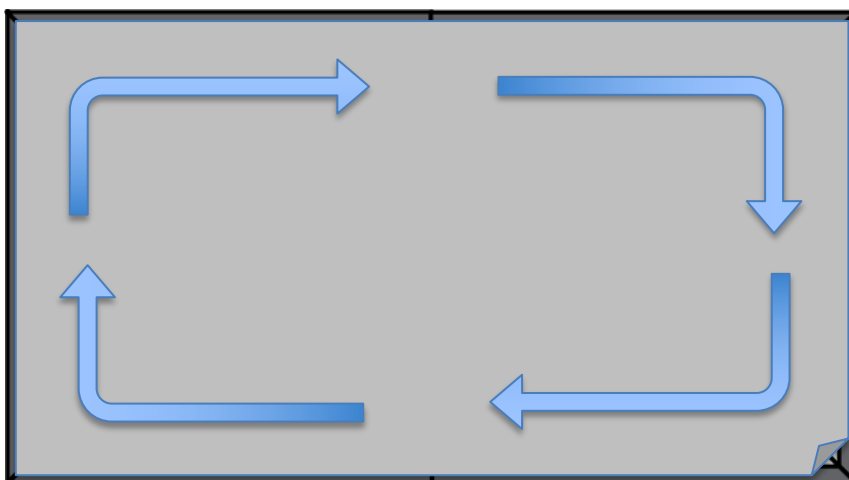
17: The next stage is to install the to the sides of the frame. Firstly, half way up the screen, gently hold the fabric to the side and secure using the spatula.

DO NOT Put too much tension on the fabric here or you may distort the frame or tear the fabric.

Next while pulling outwards and upwards, work the fabric into the top left corner. Repeat as shown in the order below until all fabric is installed.



Once fabric is in and secured, trim off the excess fabric using sharp scissors leaving about 10mm of excess at all sides



18: Finally, using either the Spatula or Optional Ultimate Screens roller fabric tool Roll the excess fabric into the fabric track groove to leave a clean finished install.

19: Repeat these steps with the final screen layer

Installing the Velvet Surrounds



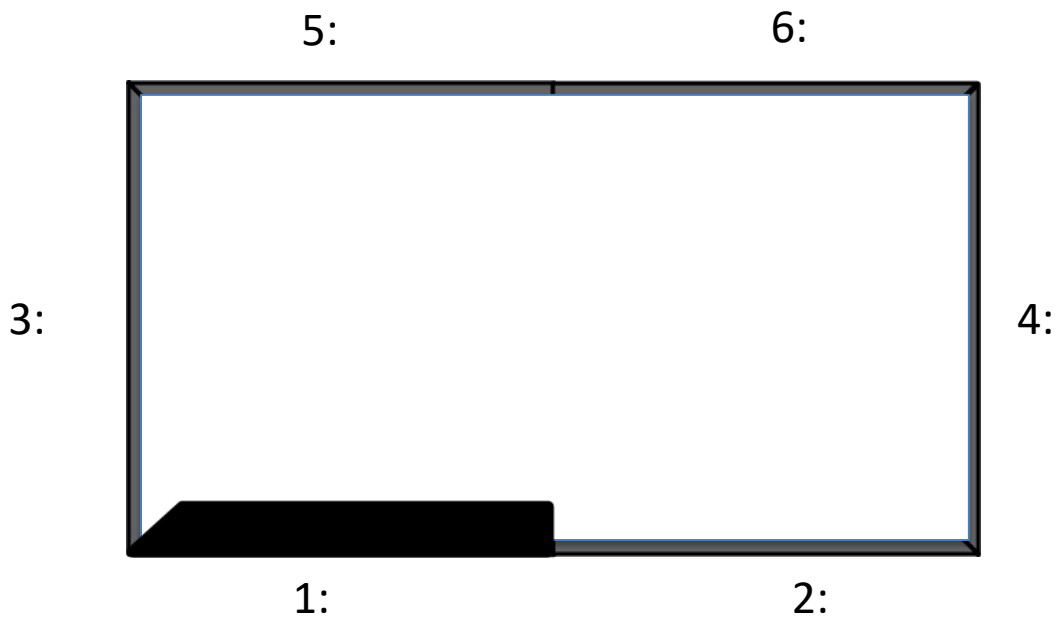
20: The next stage is installing the velvet surrounds.

These have colour coded stickers to make sure the correct fascia is used with the correct frame section.

Install the fascia's one at a time in the numbered order shown below. When the fascia is positioned it should have a positive grab when it is held by the magnetic strip.



Some realignment may be required to get all sections meeting correctly.



Installing the retaining screws

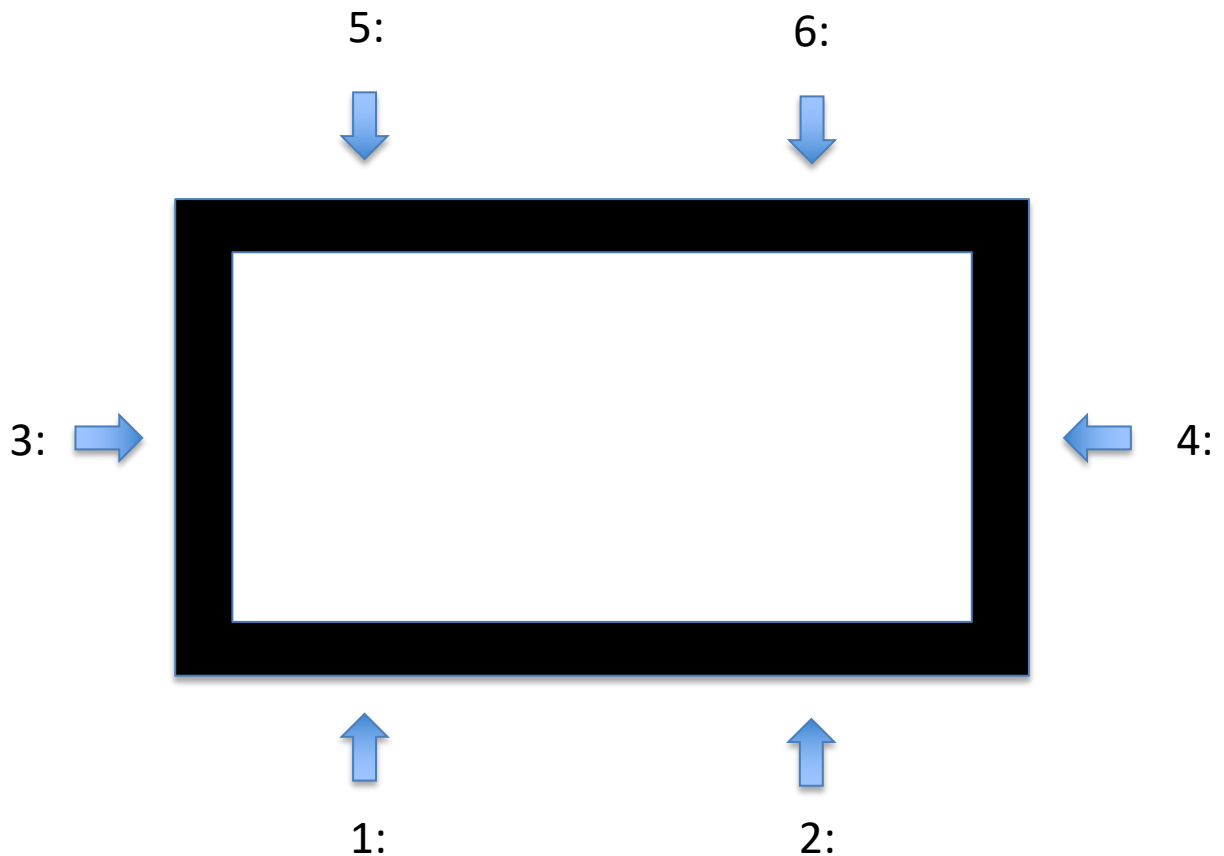


21: The final stage is installing the retaining screws in the side of the velvet facias.

Install the fascia screws one at a time in the numbered order shown below. When the fascia is positioned correctly the screws should line up easily with the threaded holes.



DO NOT over tighten these screws, they should only just make contact with the fascia to stop any movement.



The completed screen is now ready to enjoy.

Thank you for your purchase.