

OZ THEATRE SCREENS

Majestic Fixed Screen Installation Manual



To the owner

PLEASE KEEP THIS INSTALLATION MANUAL IN A SAFE PLACE. IT CONTAINS YOUR WARRANTY AND IMPORTANT CARE & MAINTENANCE INFORMATION FOR YOUR NEW OZ THEATRE MAJESTIC SCREEN.

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Majestic Screen Sizes

16:9 HDTV (1.78:1 format) Screen Dimensions		
Viewing Diagonal Inches	Overall Size Inc Frame mm	Active Viewing Area mm
73"	1766 X 1059	1616 X 909
82"	1980 X 1169	1812 X 1019
84"	2009 X 1195	1859 X 1045
88"	2103 X 1248	1953 X 1098
92"	2184 X 1295	2032 X 1143
96"	2271 X 1343	2121 X 1193
100"	2360 X 1393	2210 X 1243
106"	2500 X 1472	2350 X 1321
110"	2590 X 1522	2440 X 1372
115"	2693 X 1580	2543 X 1430
120"	2796 X 1638	2646 X 1488
125"	2918 X 1707	2768 X 1557
130"	3030 X 1770	2880 X 1620
135"	3140 X 1831	2990 X 1681
140"	3250 X 1894	3100 X 1744
145"	3360 X 1956	3210 X 1806
150"	3470 X 2018	3320 X 1868

21:9 Cinemascope (2.37:1 format) Screen Dimensions		
Viewing Diagonal Inches	Overall Size Inc Frame mm	Active Viewing Area mm
92"	2306 X 1060	2156 X 910
100"	2506 X 1144	2356 X 994
110"	2726 X 1237	2576 X 1087
115"	2841 X 1285	2691 X 1135
120"	2956 X 1334	2806 X 1184
125"	3071 x 1382	2921 x 1232
130"	3186 X 1431	3036 X 1281
135"	3302 x 1480	3152 x 1330
140"	3416 X 1528	3266 X 1378
145"	3530 X 1576	3380 X 1426
150"	3646 X 1625	3496 X 1475
155"	3760 X 1673	3610 X 1523
160"	3873 X 1721	3723 X 1571
165"	3995 X 1773	3845 X 1623
170"	4117 X 1824	3967 X 1674
175"	4241 X 1876	4091 X 1726
180"	4361 X 1927	4211 X 1777
185"	4480 X 1977	4330 X 1827
190"	4596 X 2026	4446 X 1876

Oz Theatre Screens can also produce custom size screens upto 6 metres wide and 2.4 metres high in some fabrics and formats. Contact us for other formats such as 4:3 and 16:10.

Visit us online today at <https://www.projectorscreens.com.au> or call (07) 5546 1960
or Email sales@projectorscreens.com.au

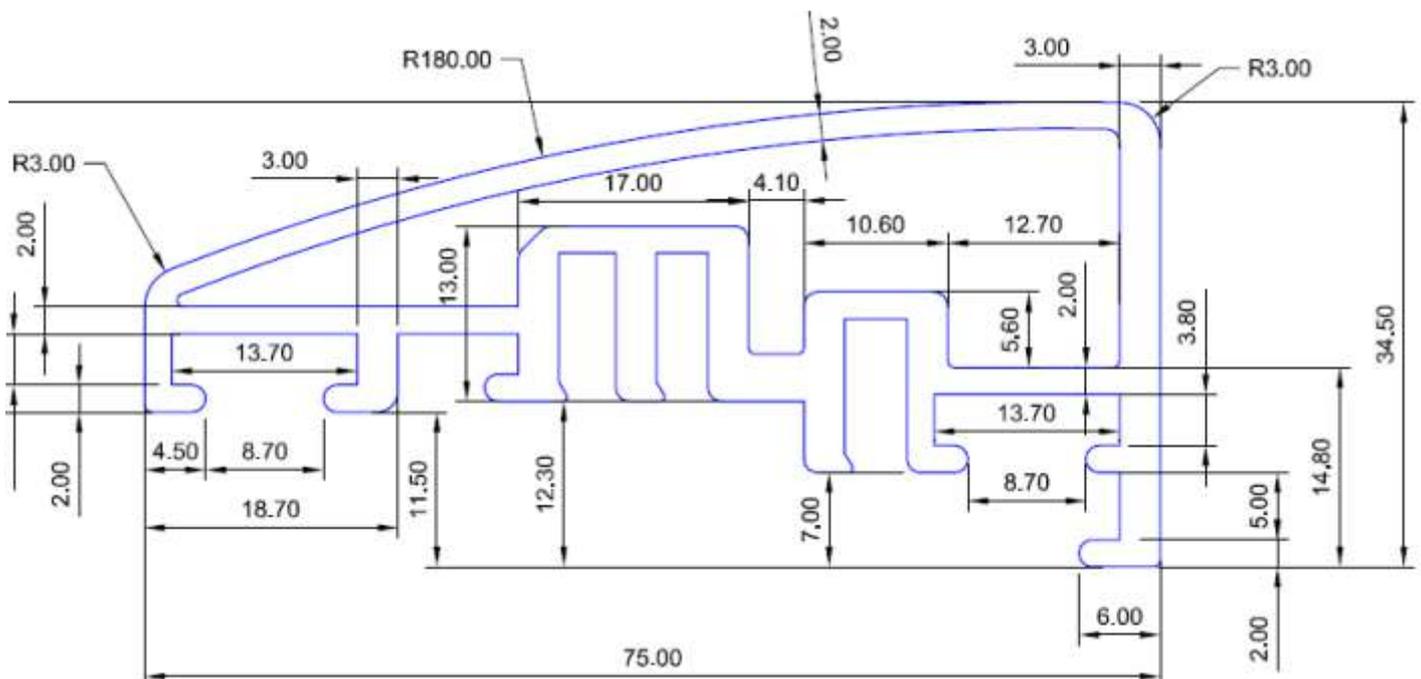
To the owner

C o n g r a t u l a t i o n s o n y o u r p u r c h a s e .
We at OZ THEATRE SCREENS would like to thank you for purchasing this high quality projection screen manufactured in Australia.

You have supported a 100% owned and operated Australian business and Australian jobs by purchasing this high quality screen that has been meticulously developed and manufactured to provide you with years of trouble free service and pure home theatre entertainment.

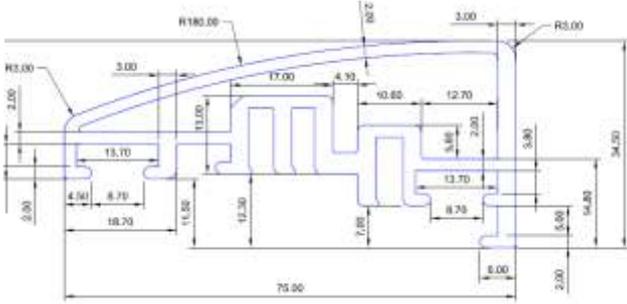
In the event your screen does require repair or maintenance during the warranty period, please follow the enclosed procedure outlined in this manual

Please read through this manual in it's entirety before attempting screen installation.



The Majestic Screen Frame Profile.

Your OZ THEATRE MAJESTIC SCREEN COMES WITH THE FOLLOWING:

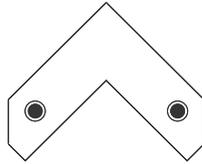


4 Lengths of alloy frame extrusion wrapped Fidelio velvet
Packaged and sealed on foam shelving.

12 small sections of screen grip.
1 pair of cutters and 1 spline roller



1 Pair of gloves



8 tapped corner plates with grub screws



4 lengths of SCREEN-GRIP located in back of each frame channel



1 Long arm Hex key



1 trimming knife



1 roll of screen fabric wrapped in acid free brown paper



1 drop sheet

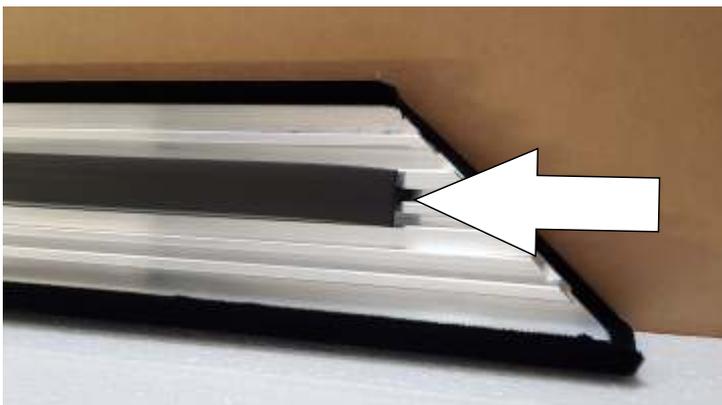


Hanging rail is located on outer edge of foam packaging.



1 X 2 metre long hanging rail with 4 timber screws.
Use longer screws if you have double gyprock (not supplied)

Pull out the 4 screen grip tensioning strips and put aside for now.



2 L brackets to secure frame to the wall at the bottom



Tools required:

The following tools are required for assembly of your Oz Theatre Majestic Projection Screen

- 1. Power or battery drill with 3mm bit and philips head bit.**



- 2. Spirit level and or tape measure to ensure screen sits straight on your wall.**



- 3. A centre punch (optional)**



- 4. Scissors**



Install hanging rail first.

Once you know the height of your screen on the wall, take the supplied hanging rail and measure up from the top of the image 75mm. The top of the rail sits at the top of the frame which is 75mm higher than top of the screen image. Screen image + 75mm = top of rail. (top of rail - 75mm = top of screen image)

Locate your wall studs. The Majestic Screen has a very solid and heavy frame. You must install the hanging rail using the 4 timber screws provided and they must be drilled into wall studs or brickwork (use correct masonry plugs if installing on an internal or external brick wall, not supplied)

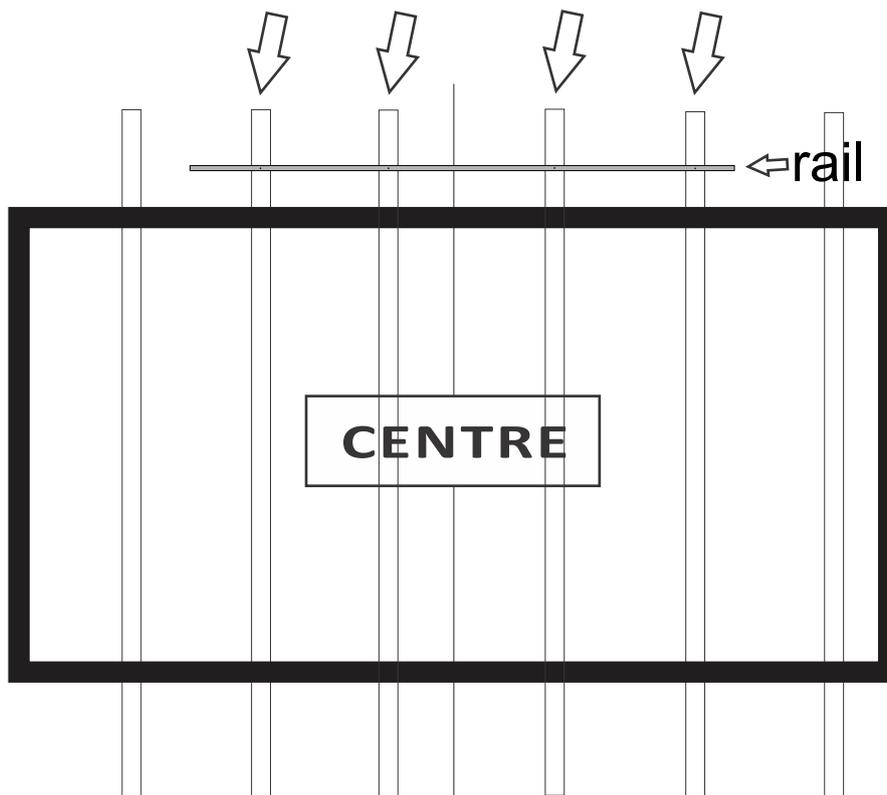
The rail is 2.1 metres long for most screen sizes (unless other sizes are required) and should be fixed at 4 points if possible. Locate your wall studs and mark with either a pencil or use 'post it stickers' or similar over their location and mark them. Hold the rail just under the marks and transfer the position of the studs to the rail using a marker. (DON'T remove any post it stickers from the wall just yet - unless you have marked the stud locations on the wall itself)

Drill the holes in the rail with at least a 3mm drill bit so the head of the screws countersink somewhat.

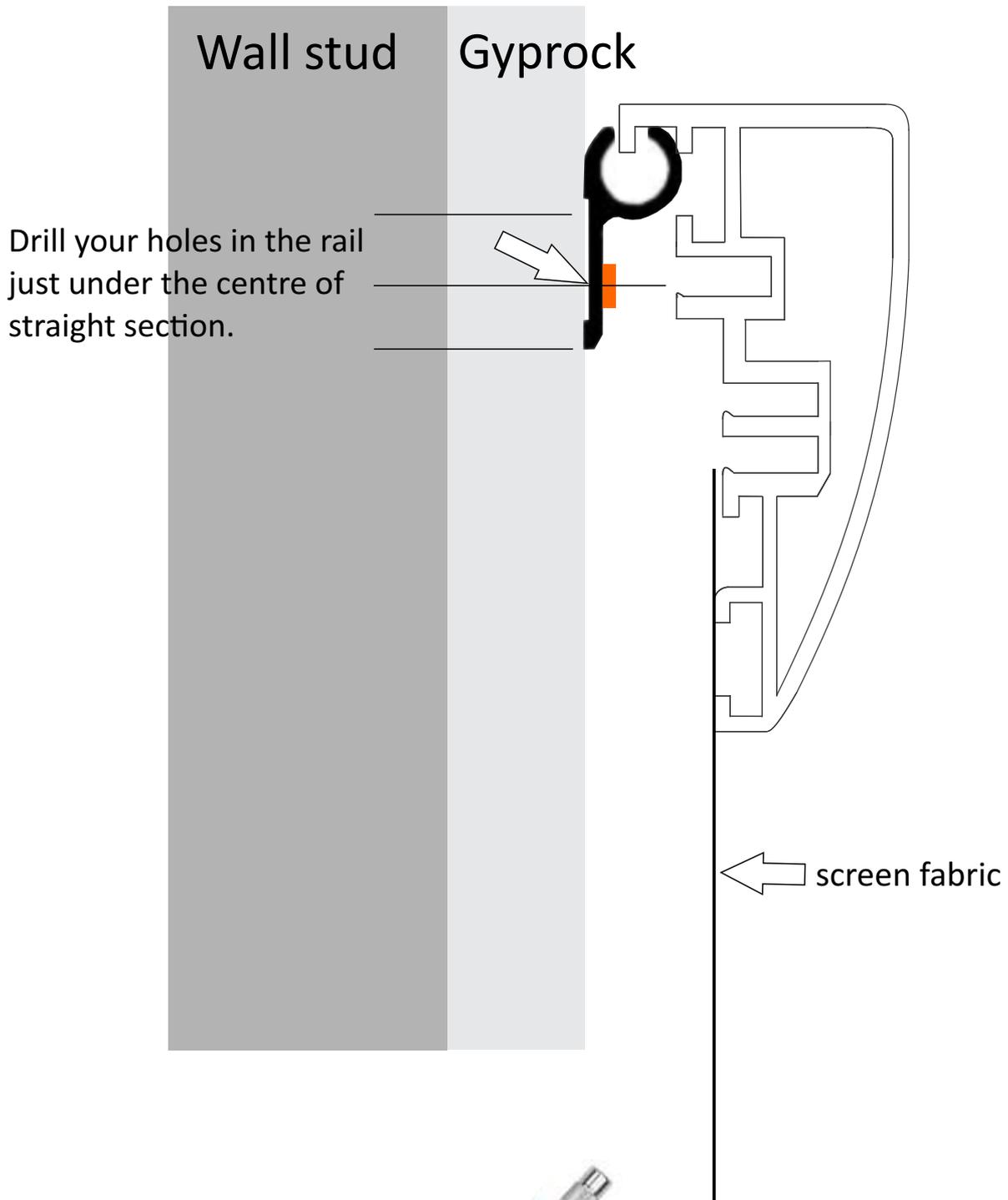
Use a spirit level or use your ceiling cornice as a parallel so the rail is level and screw into place.

Note stud centres are normally 450mm apart for exterior walls and 600mm apart for internal walls in Australia, unless otherwise specified. Refer to your house and room plans.

Stud locations for hanging rail - 3 timbers minimum, 4 ideal.



How the screen frame sits on the rail on the wall.

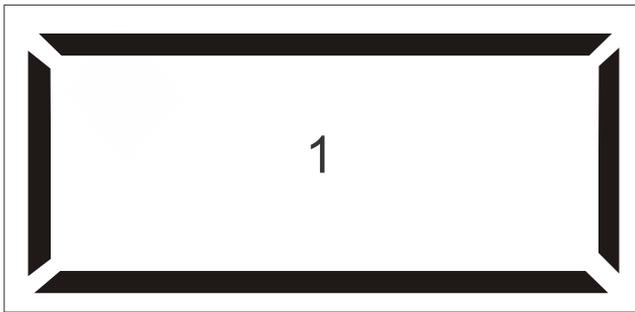


If needed, use a centre punch to keep drill holes in right spot.

Frame assembly:

1. Find an area large enough to work on the screen. DO NOT ASSEMBLE YOUR SCREEN ON A HARD FLOOR. ASSEMBLE ON CARPETED FLOOR ONLY.

NOTE: Do not unroll the projection fabric until frame is fully assembled.



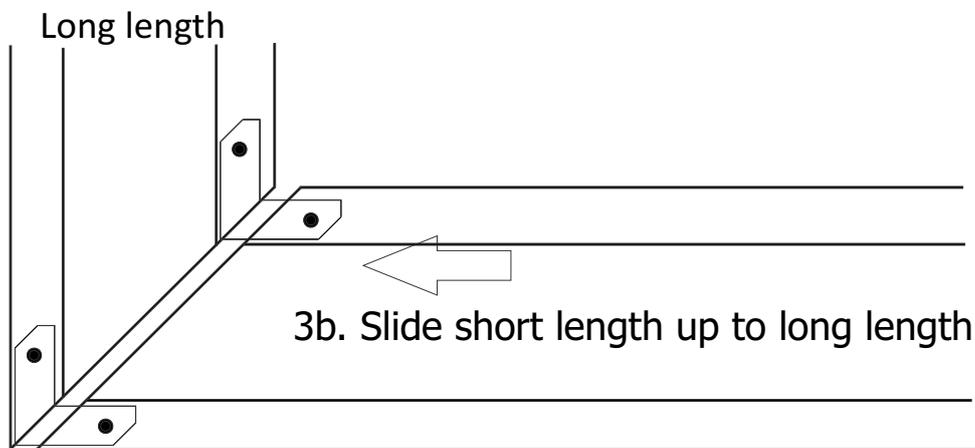
Unpack your drop sheet and lay out in an area large enough to work on your screen.

Carefully unpack the 4 frame pieces and lay upside down on the drop sheet.

Remove the screen grip strips and put aside. Get the 8 corner corner brackets and hex key out of the kit bag.

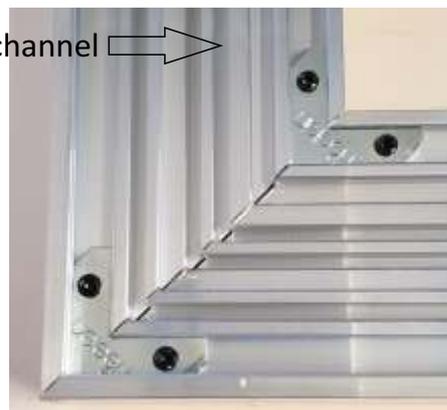
2. Each corner requires 2 corner plates for joining the frame.
3. Insert one plate into each channel of one of the long lengths and then 3b. Slide one of the short lengths up to the long length.

Make sure brackets are in all the way. You may need to give them a slight tap.



You should have about .5 to 1mm gap in the back of the frame join. This is because of the velvet wrapping around the mitres on the other side.

Fabric insert channel →

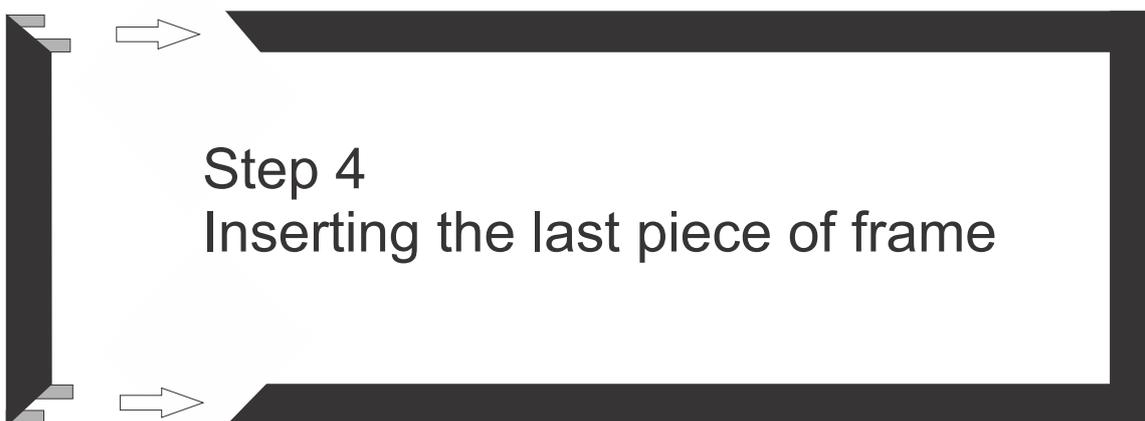


Frame assembly continued:

Repeat this for the other long side so you end up joining the 2 long sides and one of the short sides. See below.



4. Insert the remaining 2 sets of plates into the last short piece of frame and then insert both ends into their corresponding channels at the same time. The best method used achieve this is to insert one side only a small way in so you can also get the other side in. Once they are both in butt up against their adjoining pieces and tighten grub screws as per steps 2 and 3. You may need to give the frame a bit of tap to move it into place. See below.

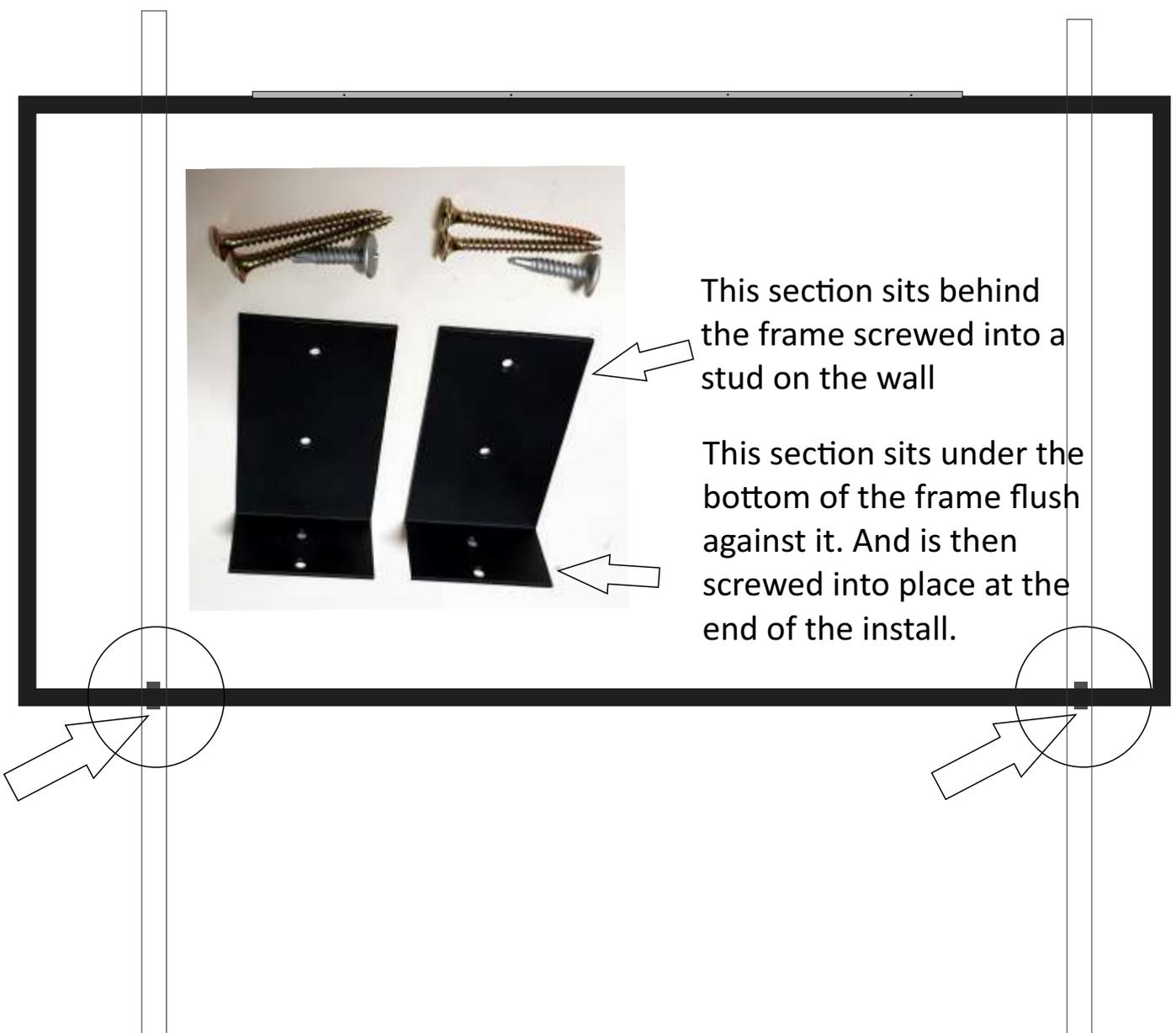


Frame assembly continued:

Once you're happy with your frame joins and grub screws are all tightened up. Hang the frame only (fabric insert is after this section) on the rail and adjust your frame so it's in the correct position. Move left or right to finalise it's spot. And mark the 2 studs that are closest to the edge of the frame at each end.

Now install the matte black L brackets onto the wall. This is to hold the frame at the bottom and is especially recommended for Acoustically Transparent screens as there is often some exceptional air movement behind the screen. The long part of the bracket sits on the wall behind where the frame will sit. The bottom section of the bracket is what sits under the frame flush with the velvet. The bottom section will be screwed onto the frame with the 2 tek screws at the very end of the install. Mark where the brackets will go with a pencil by drawing a line under the bottom of the bracket on the wall lining up with stud.

Place frame back on drop sheet and drill and screw the 2 L brackets into the wall studs at each end.



FIXING THE SCREEN FABRIC TO THE FRAME

See PAGES 16-18 FOR ACOUSTIC VISION FABRIC ATTACHMENT

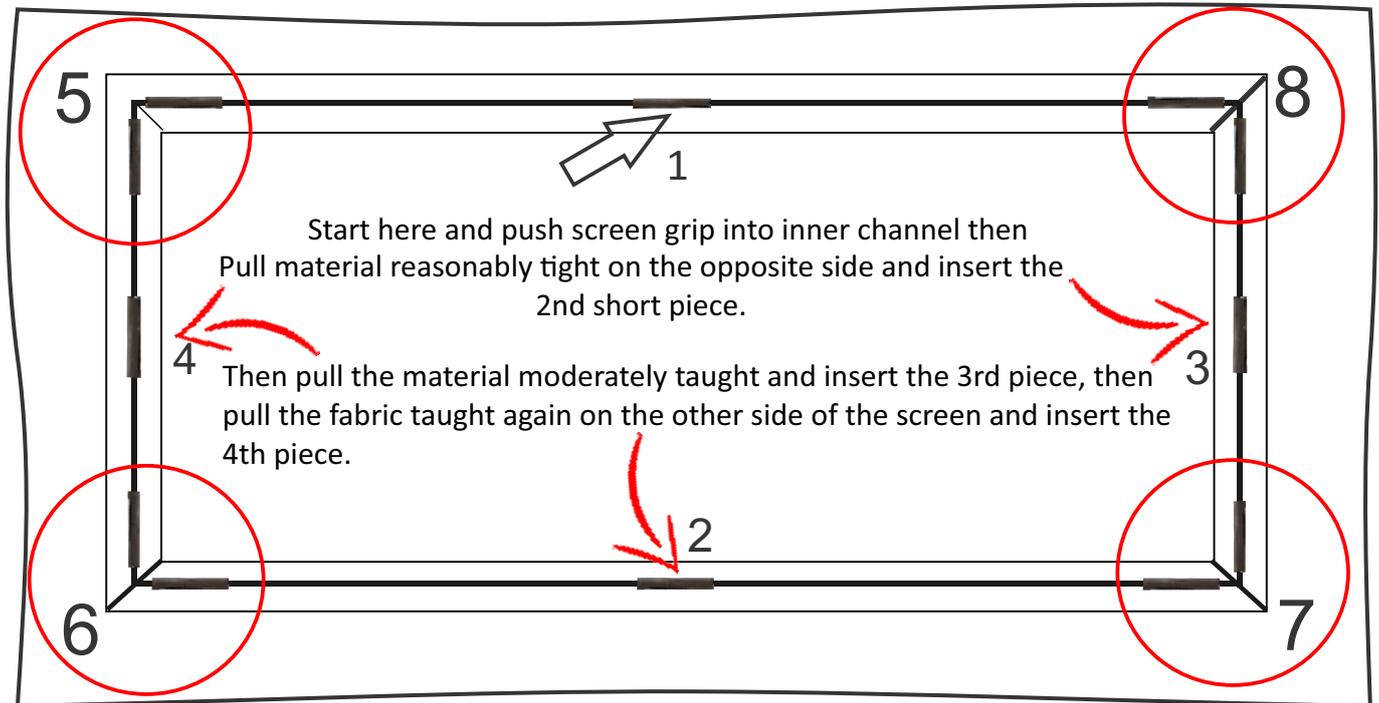
1. Put on gloves supplied and place the tube at the end of the frame and unroll over the back of the assemble frame. The fabric should lay approx 10cm over all edges of the frame. Once rolled out, adjust so it sits evenly over the back of the frame on all 4 sides.
2. Locate the 12 small SCREEN-GRIP pieces.



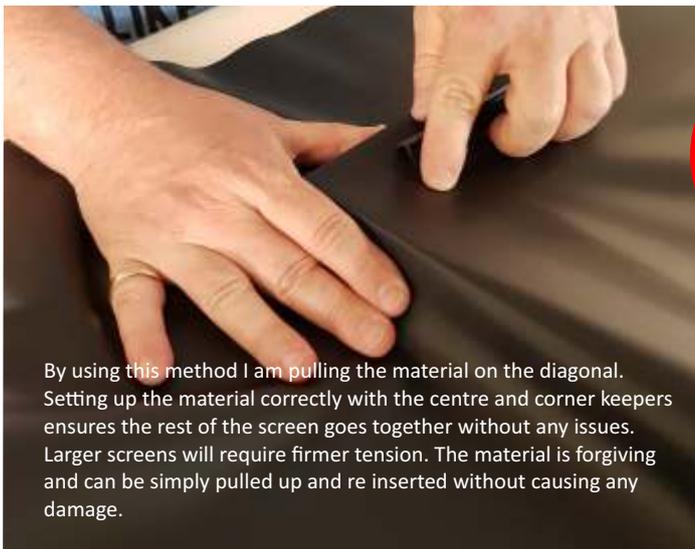
3. Insert one of the small clips into the inside channel. You may need to check where it's located first as there are 2 channels. **The inside channel is used with all our screen fabrics.**



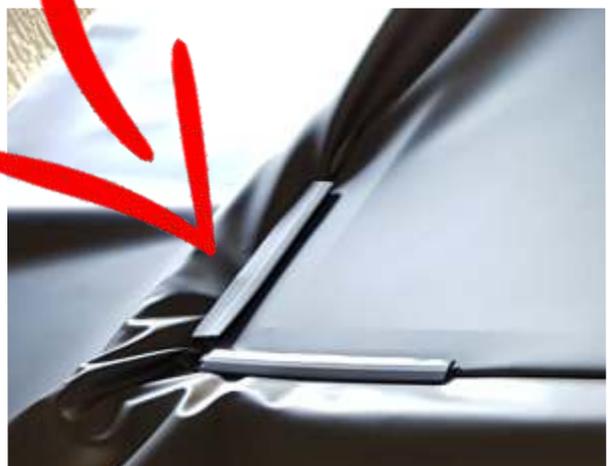
4. Once the first piece is put in place on the first long side (top or bottom) Pull the material moderately tight and insert another small piece on the opposite side at #2. Then go across the frame and insert 3 and 4. You may need to pull the material a little tighter as the span is longer left to right.



5. Now it's time to **pin the corners in place**. Have 2 corners pieces ready and pull on the fabric and hold on the outside of the frame as per photo below. Then insert the 2 corner sections. You will need to feel for where the channel is located or lift the edge of the fabric up to locate it.



(5) So you end up with this below.





Inserting the corner keepers. Two people makes shorter work as one can hold the material outward while the other inserts the screen grip material.

Remember. You want a flat screen not a drum skin. Don't try and over stretch the Evo 4K fabrics. It only needs to be flat. Larger screens however will require a bit more force when installing the centre and corner pieces.

The ACOUSTIC MATERIAL NEEDS TO BE TIGHTER - SEE PAGE on inserting Acoustic Vision 4K woven fabric.

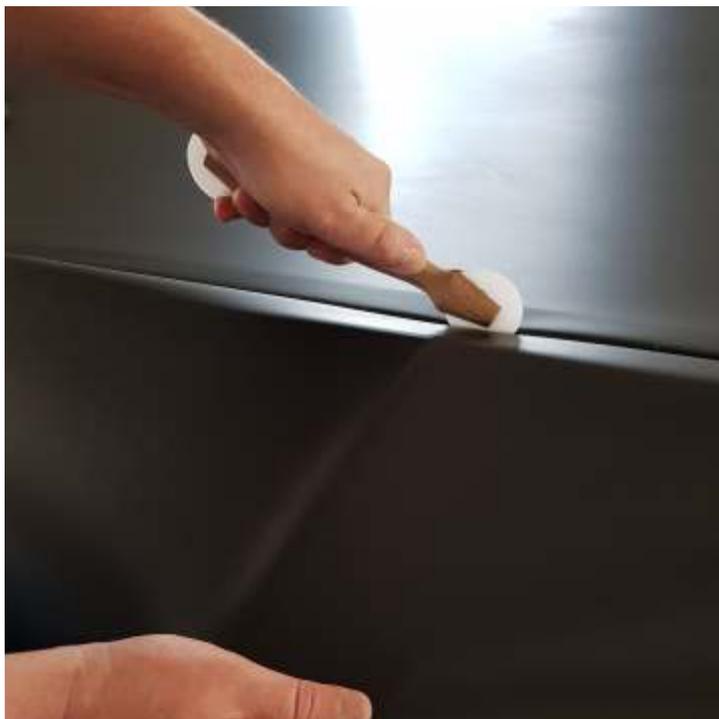
Once the material is pinned in place in the centres and corners. You can now start to insert the longer strips into the channel. Massage the roller wheel **(USE ONLY THE CONVEX WHEEL curved outward)** into the first section at the top of the frame next to the centre piece rolling the material into the channel out toward the corner. Go back and forth as you need to remove any creases or sections not sitting right.



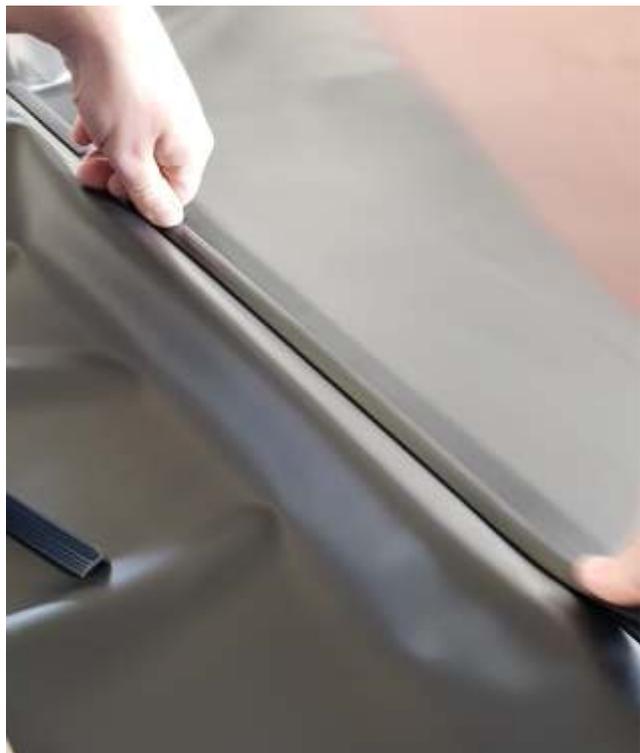
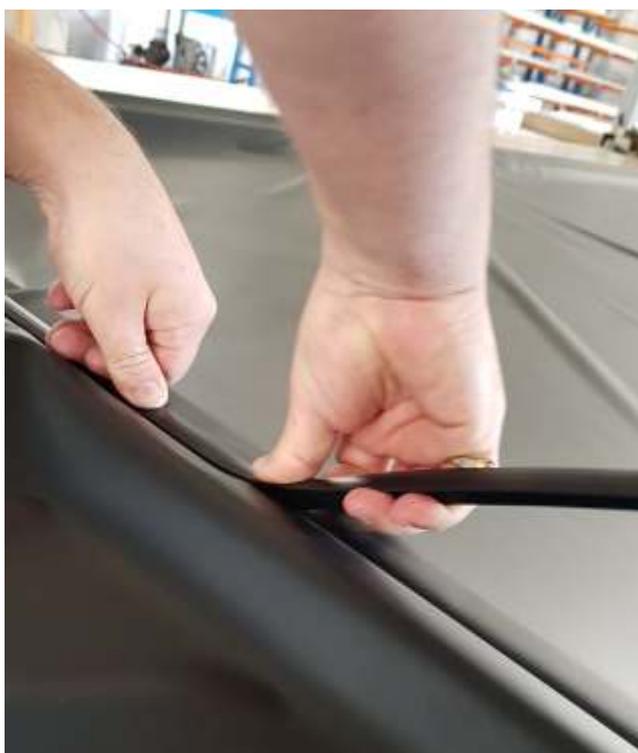
Do not be concerned if you see this when rolling the fabric into the channel. Pull the material slightly outward just ahead of where you're rolling the roller in. Roll back and forth as needed and this (left image) will end up like this below.



Once the first section is in place, move to the opposite side and pull material outward as you roll it from the from the centre to the corner, go back and forth until you get a smooth finish as per images below.



Hold the screen grip slightly upward and roll it down into the channel as you go along. Moving from the centre out towards the corners. The other way also works - going from the corners to the centres.





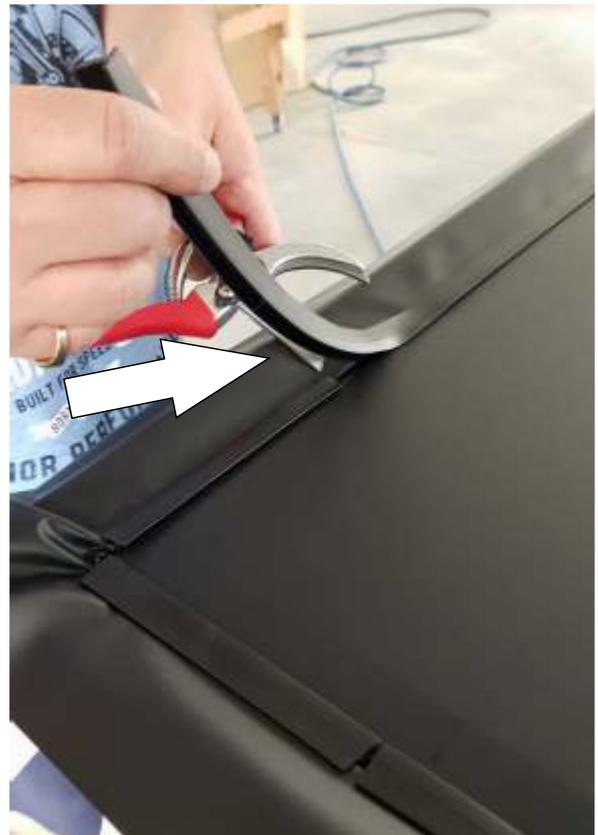
You can either leave the smaller sections in place and simply cut the longer sections to size as you get to each one. OR you can completely remove the small pieces as you get to each one. Both ways work well, the latter being the more logical choice.

In this example the short pieces were left in place.

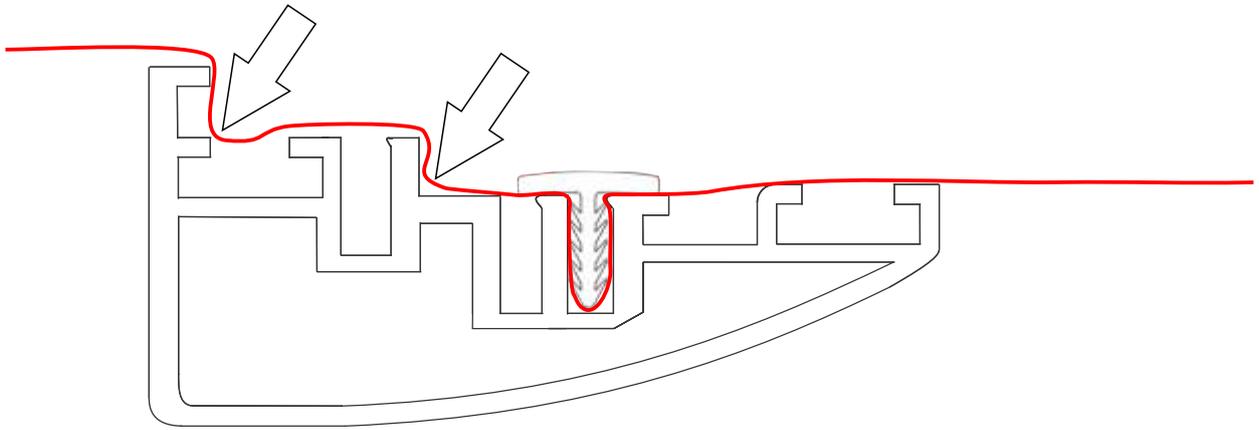
If you do want to remove them and replace with the complete strip, pry up the edge of the strip from the channel with the supplied cutters as you get to each piece. You may need to re-tension the corners as you roll the longer piece into place.

DO NOT PULL THE FABRIC UPWARD TO GET THE PIECES OUT AS YOU RISK TEARING THE SCREEN VINYL.

Cut as required. Tip: To easily cut the strips turn it on it's side so you cut the pointed part of the strip first.



Once all the sections are in place. Check the screen grip strips and press down in any areas where it's still raised up slightly. Check all areas of screen for flatness and check if using Acoustic Vision material that's it's sitting fairly tight.



Run knife along the inside edge of either of the 2 spots above and carefully cut off the excess material paying close attention to the corners.

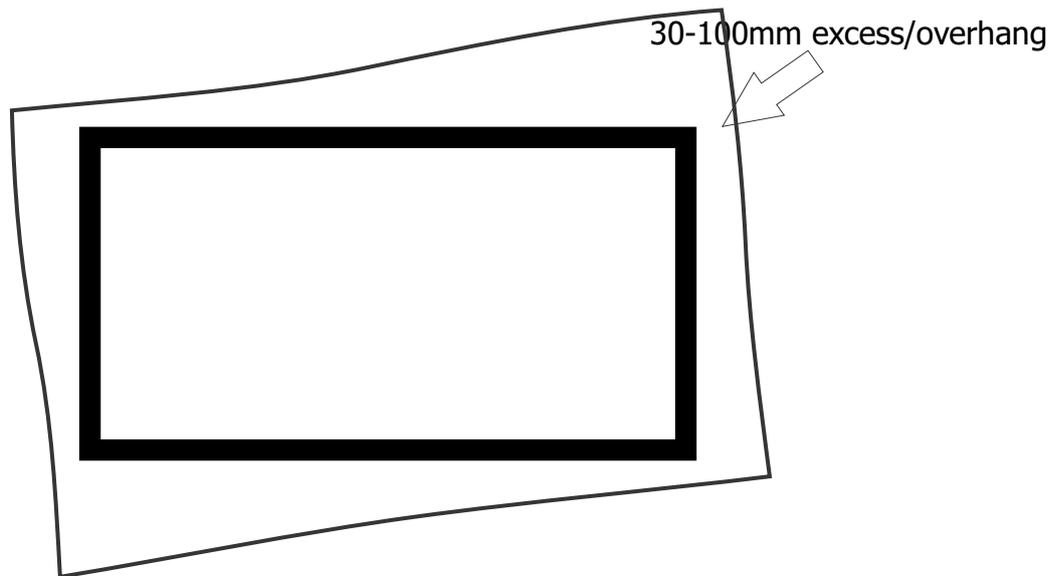


Now you are ready to hang your screen on the rail. Slide left or right as required then once you have the correct position, carefully drill thru the bottom part of the L bracket hole into the frame then screw the tek screws supplied into place securing your screen to the wall.

Fixing Acoustic Vision to the frame.

NOTE: The Acoustic Vision4K fabric is supplied in the full width of 250cm or 320cm for larger sizes. The fabric **MUST BE TURNED** on an angle to remove any chance of seeing moire patterns. Turn fabric so each side of the frame has approx 30-100mm overhang.

ACOUSTIC VISION fabric must be turned on an angle so you have 30-100mm minimum excess.



Pin the fabric in place as per previous instructions once you have turned the fabric on an angle.

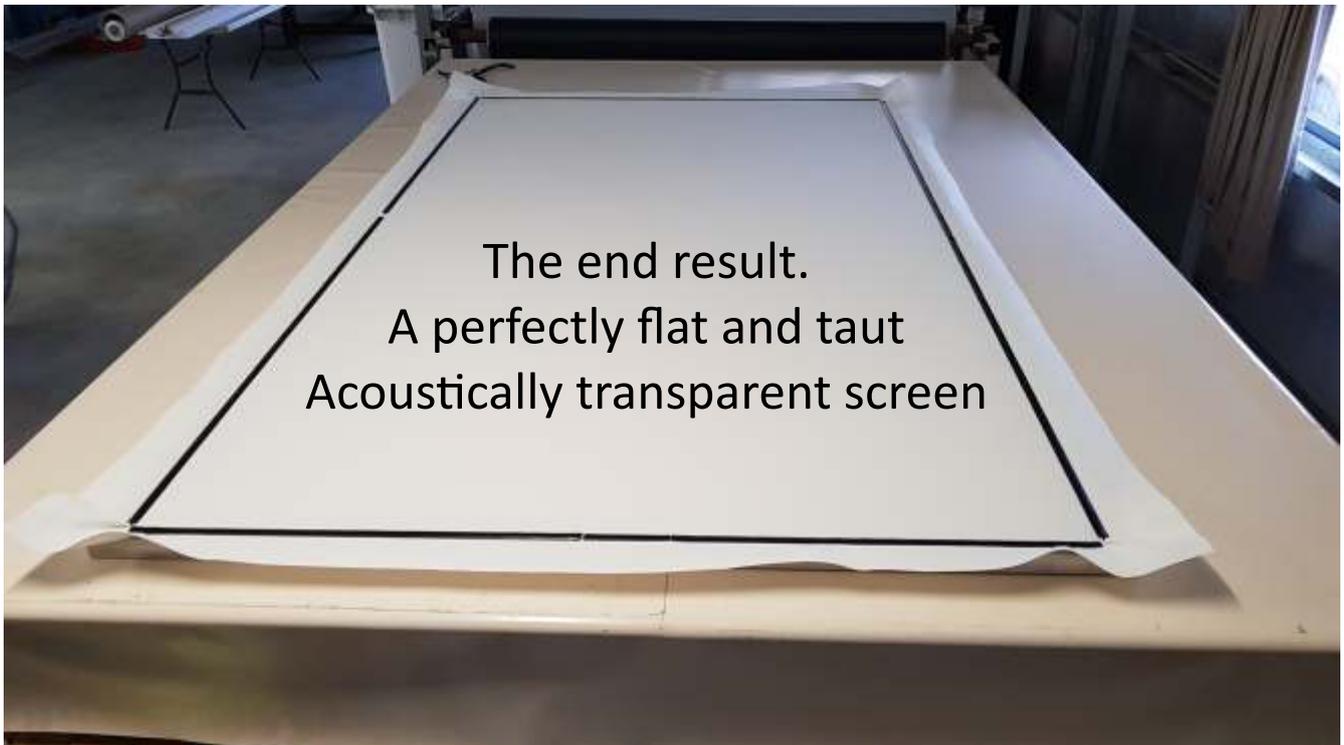


Once you have pinned the fabric as per instructions on the previous pages, you can carefully trim off the excess material to make it easier to work with. Scissors are recommended, if using the supplied knife be careful. Leave yourself about 100mm on all 4 sides.



Then start splining the fabric firmly into the channel and insert the strips starting on one of the short sides, then the adjacent top and bottom sections.

Spline the fabric into the channel and insert the strips creating a firm taut finish.



The end result.
A perfectly flat and taut
Acoustically transparent screen



Cleaning the screen surface:

Your Oz Theatre Projection Fabric can be easily damaged if handled, installed or cleaned incorrectly. Please pay special attention to these cleaning instructions.

Never attempt to use inappropriate cleaning chemicals on the screen.

In the event of soiling the screen surface may be cleaned using the following:

Cleaning guidelines : You will generally require 3 new micro fibre cloths or 3 new cleaning towels - DO NOT use scourers or abrasive materials on your screen material or frame. Use a mild solution of detergent and water with a soft new sponge or lint free cloth. White terry toweling or a soft micro fibre cloth are the most appropriate.

Rub lightly to remove any stains, but be careful NOT to rub back and forth excessively as this may blemish or mark the fabric effecting the optical and reflective properties. Use a new moist cloth or towel to wash off and soak up any soap residue that may be left on the screen then blot with a dry sponge or micro fibre towel to remove excess water. **For Acoustic Vision fabric, to remove any dust** build up, you may use a vacuum cleaner attachment - make it is clean otherwise do not use.

Dry the screen with a soft micro fibre cloth or towel by absorbing any remaining water. If you follow the system of blot/dilute/blot you will almost certainly remove any minor stains. **If you are unsure please call us for advice first on (07) 5546 1960.**

If you plan to paint or do any work anywhere near the screen please make sure it is completely covered with a suitable sheet.

If you follow this cleaning procedure you can expect many years of trouble free use for your new Oz Theatre Majestic Screen.

Cleaning the frame

BLACK VELVET FINISH - Use a lint brush or soft bristle brush to remove any dust from the frame. Other cleaning options include a can of compressed air. If you own a compressor you can also use an air gun to blow off dust and dirt.

WARRANTY INFORMATION

All Oz Theatre screen products are warranted by Oz Theatre Screens in accordance with the terms and conditions herein. Customers must retain their original receipt and the warranty card in the event your product requires repair or replacement during the warranty period. In the event of a claim, customers are required to send the product in suitable packaging, along with the original receipt and warranty card to: **Oz Theatre Screens**

The warranty covers defects in workmanship and materials, provided this product has been installed in a normal environment (being indoors, out of direct sunlight) used for the purpose it was designed and maintained in accordance to the written instructions. Oz Theatre Screens warrants the product against loss of usefulness. This warranty applies only within Australia. Oz Theatre Screens expressly limits its warranty to the obligations contained in the Trade Practices Act from time to time.

CONDITIONS:

Oz Theatre Screens will repair or replace (at its sole discretion), with the least possible delay, any defective equipment. Any equipment replaced pursuant to the terms of this warranty shall be retained by Oz Theatre Screens and become the sole property of Oz Theatre Screens.

All costs related to installation and re-installation of the Oz Theatre Projection Screen equipment covered by this warranty are not the responsibility of Oz Theatre Screens. Oz Theatre Screens will not be responsible for any consequential damages during or following installation procedures.

Any equipment being returned to Oz Theatre Screens must be placed in suitable packaging to prevent damage in transit. Oz Theatre Screens recommends freight insurance as it is in no way liable for any loss or damage in transit.

Oz Theatre Screens will not accept any responsibility for damage to the equipment caused by inadequate or unsuitable packing, or for any damage howsoever caused whilst the goods are in transit.

Oz Theatre Screens shall not be liable for any injury, loss or damage, direct or consequential, arising out of the use of, misuse of, or inability to use the equipment.

Oz Theatre Screens makes no representation as to the fitness for purpose of its product. Consideration and determination of suitability rests solely with the user.

This warranty does not cover any equipment which has been subjected to misuse, abuse, neglect, accidental or intentional damage, improper voltage or any alteration which effects the reliability or performance of the equipment not attributed to faulty manufacture, parts or labour and without limiting the generality of the foregoing shall not apply where the defect arose as the result of any of the following [circumstances]:

This warranty does not cover any equipment where usage, adaptation or installation (including wiring or electrical connections) are not carried out in accordance with our written installation and operating instructions. Oz Theatre Screens recommends that the user contact Oz Theatre Screens prior to any action not in accordance with the installation and operation instructions for advice should the user so require. The velvet frame and all screen materials are not suitable for outdoor conditions in full sunlight, the Majestic Screen frame with any of our fabrics is an **indoors only product**. The same applies to all screen materials used in DIY screen applications. Outdoor applications where direct sunlight may damage the screen material or framework by reducing the optical quality of the screen surface are not covered under this Oz Theatre Screens warranty. The lifetime warranty covers the usefulness of the screen. It does not cover small blemishes in the velvet frame that can only be seen from obscure angles and that do not effect the on screen image quality or performance, the same applies the screen vinyl itself. DIY screen materials do not hold any warranty.

All screen fabrics carry a lifetime warranty when used in the proper environment and manner.

Majestic Velvet frame and assembly hardware carries a lifetime warranty when used in the proper environment and manner.

In the event that the product is purchased from any party other than Oz Theatre Screens directly. Oz Theatre Screens expressly rejects any liability for any representation, inducement or warranty (expressed or implied) that may be made by that party. In the event of such an occurrence. Oz Theatre Screens recommends that the user obtain any such representation, inducement or warranty (express or implied) in writing from that party, who is ultimately liable for same. The user must hold Oz Theatre Screens harmless from any such loss or damage as a result of such action.

WARRANTY CARD

Personal record - Please fill out and retain this page along with your original receipt.

Title: _____

First name: _____

Last name: _____

Email: _____

Phone numbers: _____

Residential address: _____

Product code: _____

Retailers name: _____

Retailers branch address: _____

Date of purchase : _____

Reason for warranty claim

(A brief description explaining why the product or part of the product is being returned):

