



# AcousticPro 4K eFinity Series

*EDGE FREE® Acoustically Transparent Fixed Frame Screen*

## USER'S GUIDE – V2


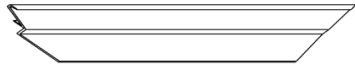

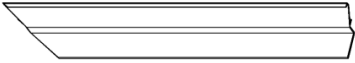

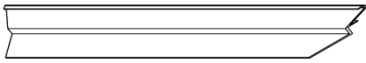
### Product Description:

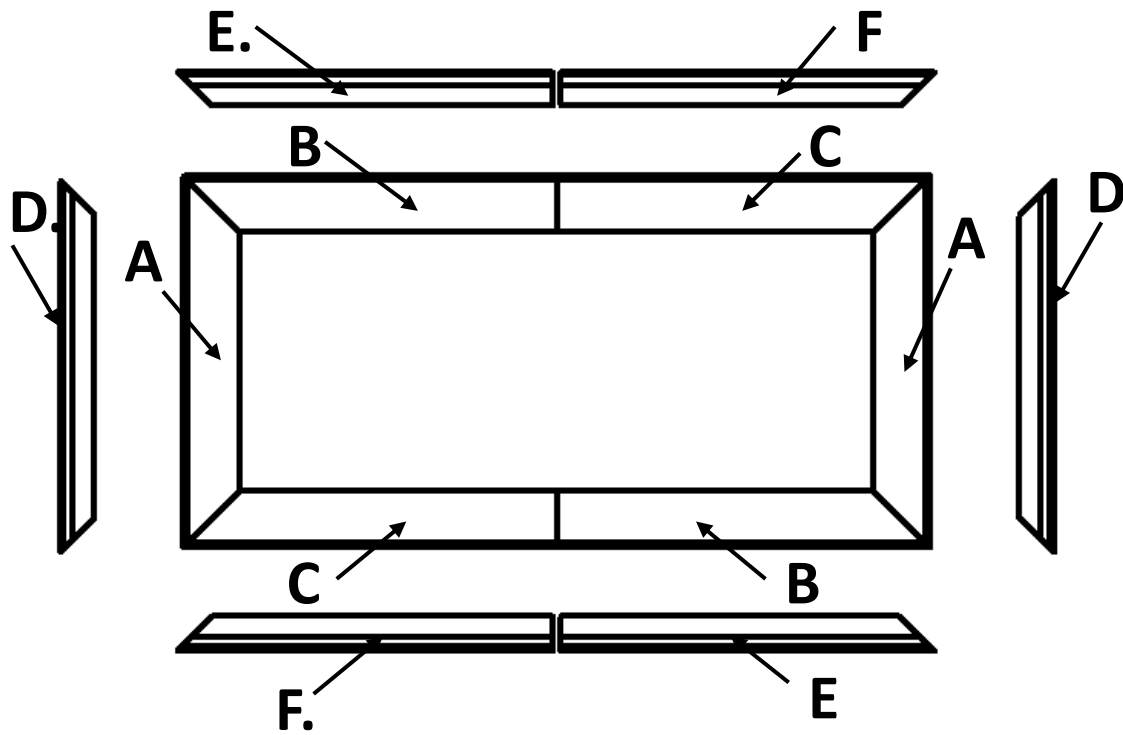
The **eFinity Series** is a fixed frame projection screen that uses Elite Prime Vision's (EPV®) EDGE FREE® technology. The EDGE FREE® design resembles a giant size flat panel TV display. The **eFinity** includes a micro-thin aluminum bezel trim to further enhance the frame appearance and absorb minimal projector overshoot. An LED kit is also included for mood lighting.

The screen material included in the **A4K eFinity** fixed frame is our *Award-winning AcousticPro 4K*, which is a sound transparent, moiré-free front projection material designed for 4K/8K Ultra HD projectors for environments with controlled lighting.

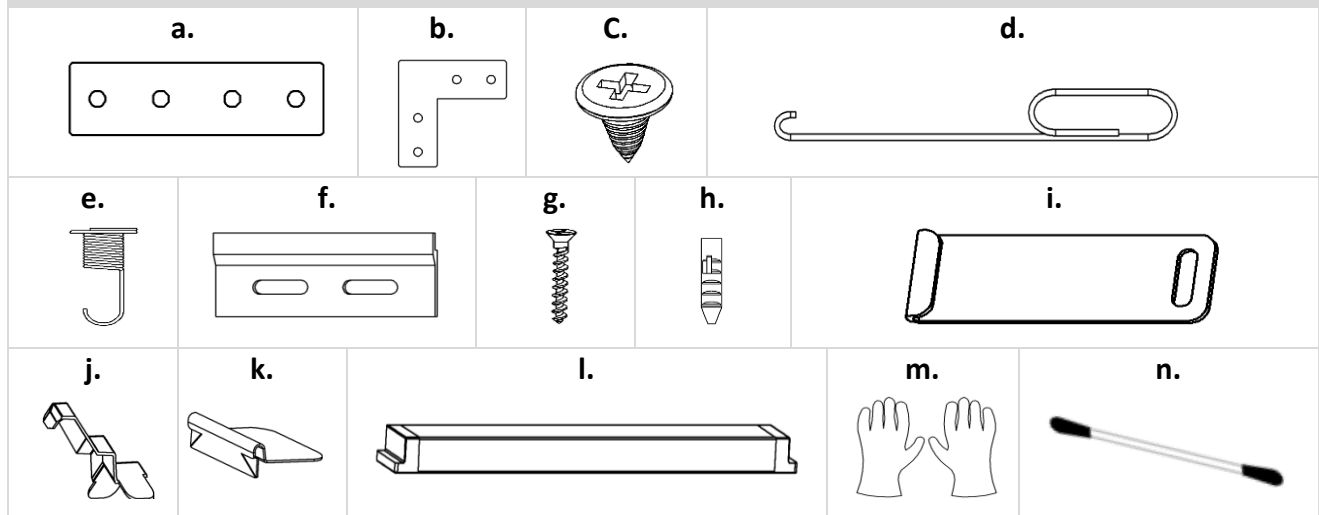
For optimum projection performance, please refer to the list below for proper maintenance and cleaning.

- When cleaning the **AcousticPro 4K** material, use a soft-bristle toothbrush with mild soap to remove any dirt.
- Never rub or apply pressure when cleaning the surface.
- Never attempt to use any solutions, chemicals or abrasive cleaners on the screen's surface.
- In order to avoid damaging the screen, avoid touching it directly with your fingers, pens/pencils or any other sharp or abrasive objects.

1. Frame and Edge TrimParts List			
Qty item	2 pcs Main Frame Parts	Qty item	2 pcs Edge Trim Parts
Part A.	vertical frame 	Part D.	
Part B.	½ horizontal frame 	Part E.	
Part C.	½ horizontal frame 	Part F.	



## 2. Hardware Parts List

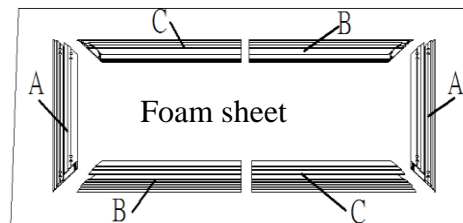
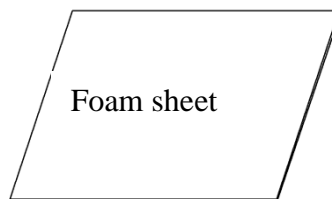


Item	Parts List	EF 100H	EF 110H	EF 120H	EF 135H	EF 150H
a.	Center Joints (1)	4	4	4	4	4
b.	Elbow Joints (2)	8	8	8	8	8
c.	M4x6 Screws	60	60	60	60	60
d.	Spring Hook	2	2	2	2	2
e.	Spring (preloaded)	52	56	64	68	76
f.	Top wall brackets	2	2	2	2	2
g.	M5x50 Wall Screws	6	6	6	6	6
h.	Hollow Wall anchors	6	6	6	6	6
i.	Bottom wall brackets	2	2	2	2	2
j.	Angle cover	4	4	4	4	4
k.	LED light strip clip	24	24	24	24	24
l.	Center Support Bar	1	1	1	1	1
m.	White gloves	2	2	2	2	2
n.	Fiberglass rod	6	6	6	6	6

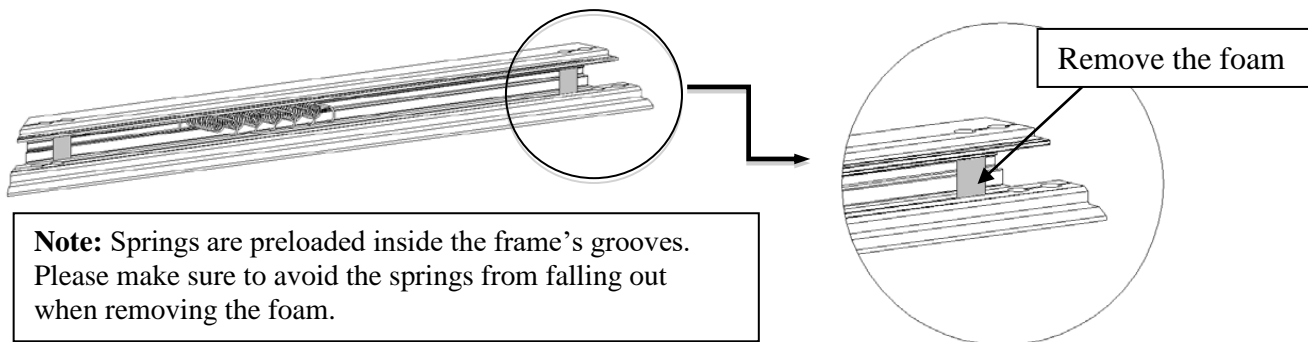
## Frame Assembly

**Step 1:** Place the soft foam sheet on a clean area on the ground where the screen will be assembled.

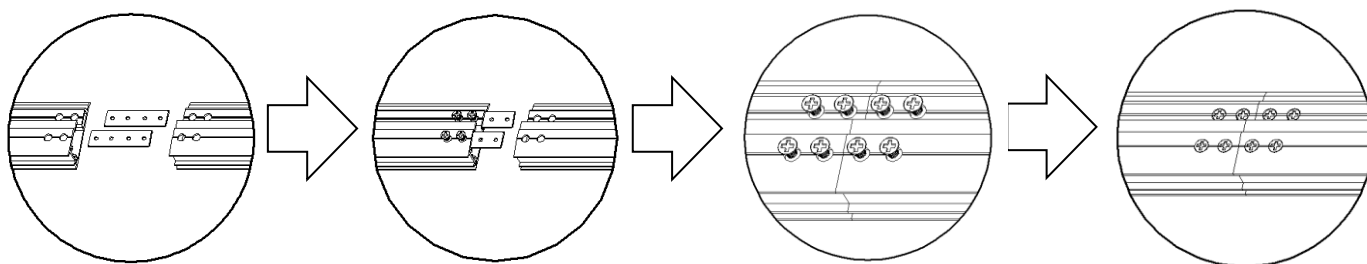
**Step 2:** Position the pieces of the frame on the foam sheet in the arrangement



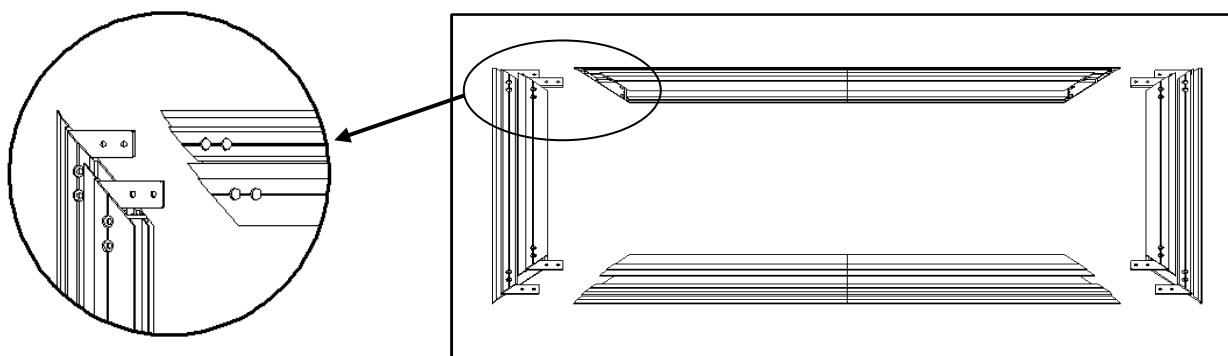
**Step 3:** Remove the foam in all frame ends before assembling the frame



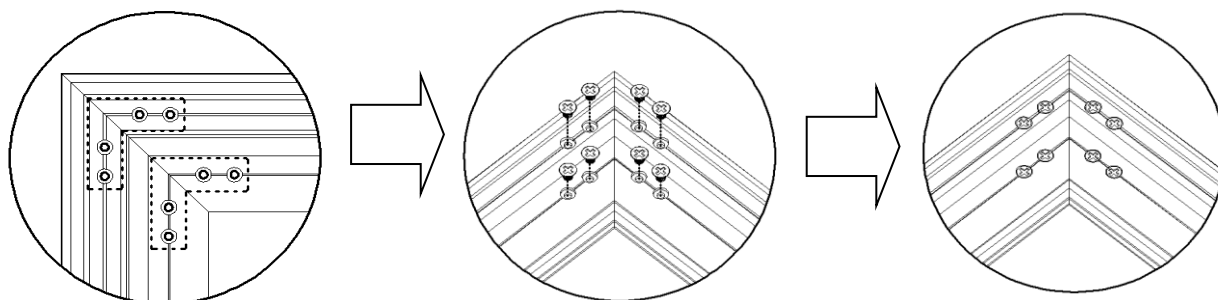
**Step 4:** Insert the *center joint (a)* connectors into *one-half of the horizontal frame (b/c)* and secure with the *M4x6 screws (c)*.



**Step 5:** Connect the *elbow joints (b)* to the top and bottom sections of the vertical frame. Once inserted, connect the vertical sections of the horizontal frame sections. Make sure all holes are in alignment and the frame pieces are flush (no gaps). They should form perfect right angles.



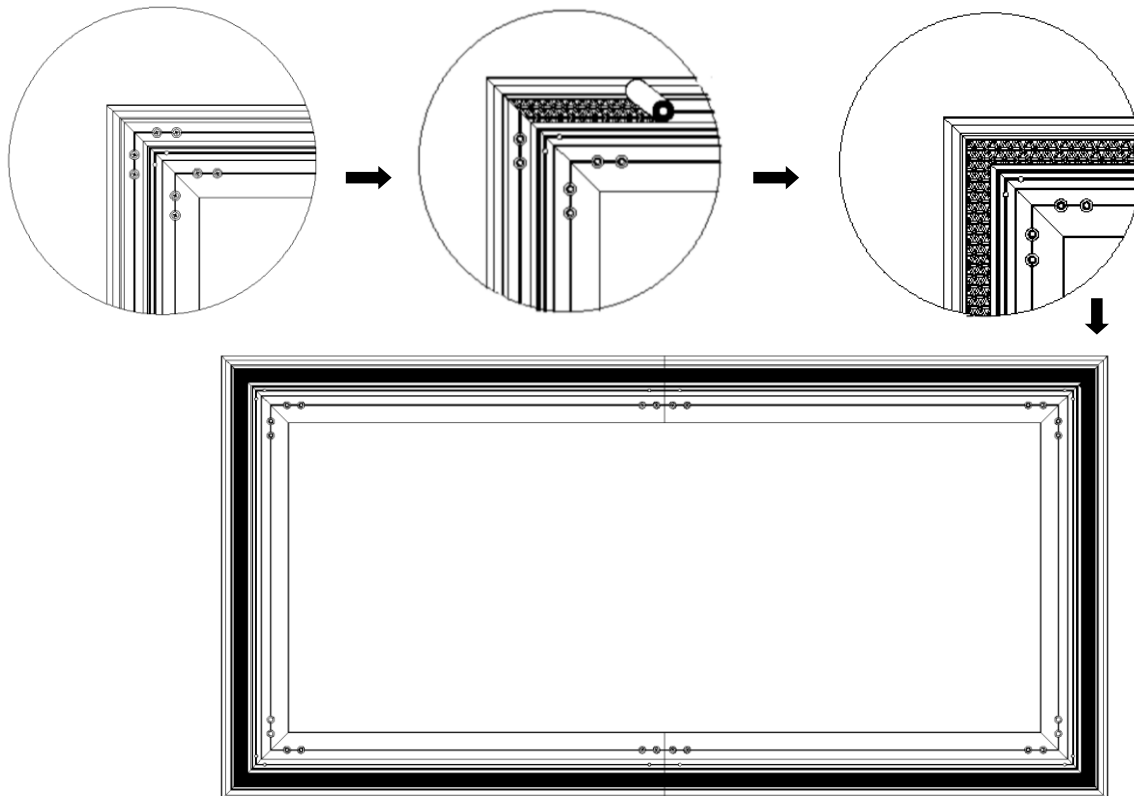
**Step 6:** Secure the elbow joints by fastening them with *M4x6 screws (c)*, 4 at each corner.



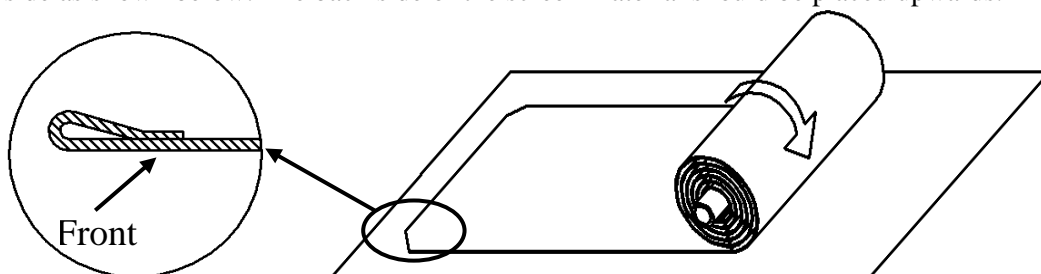
## Screen Material

### Velcro tape attachment

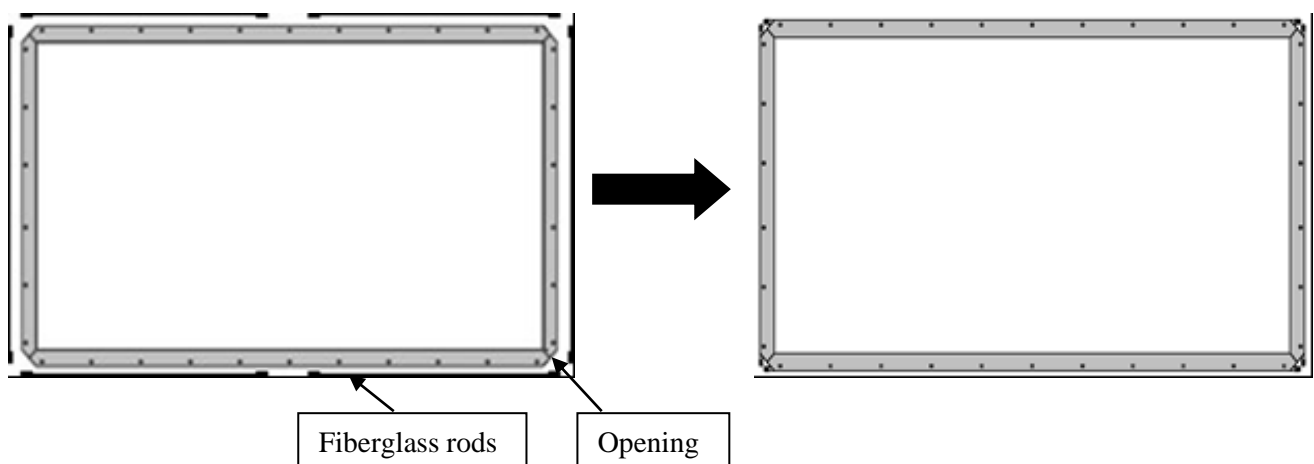
**Step 7:** Place the frame on a clean area and use the included velcro tape to adhere it on the back edge of the frame as show in the illustration below.



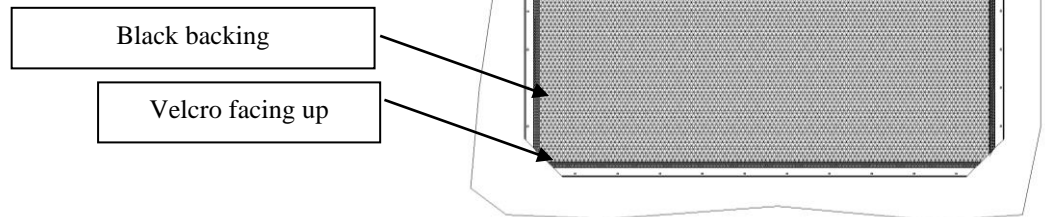
**Step 8:** Put on the *white gloves*(m) and carefully unroll the screen material on a clean surface from the roller to the other side as shown below. The back side of the screen material should be placed upwards.



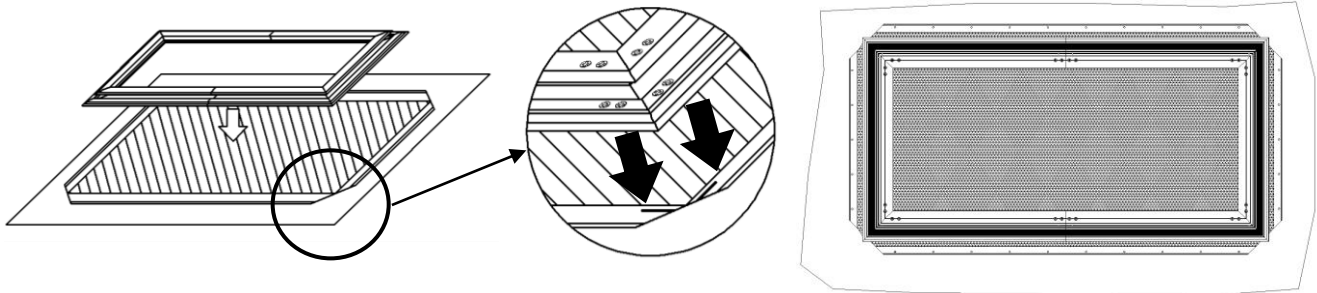
**Step 9:** Insert *the fiberglass rods (n)* through the openings. The longer rods are used on the vertical edges of the screen material, and the shorter rods are used on the horizontal edges, as shown below.



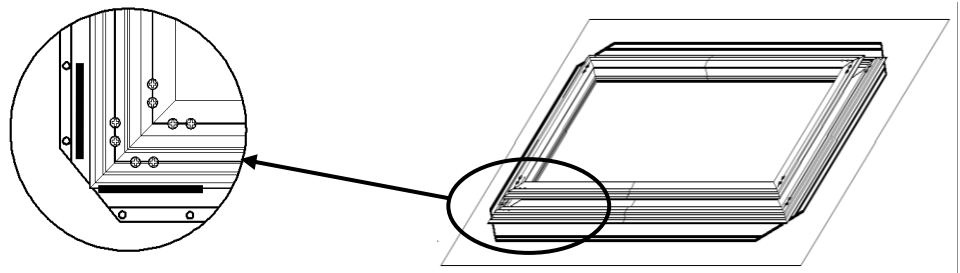
**Step 10:** Next, lay the black backing material on top of the back side of the *AcousticPro 4K* material as shown below. Make sure the black backing's Velcro is facing up.



**Step11:** Carefully and gently place the assembled frame on top of the screen material. Make sure to not allow the angle edge of the frame to come in direct contact with the screen material to avoid puncturing it.

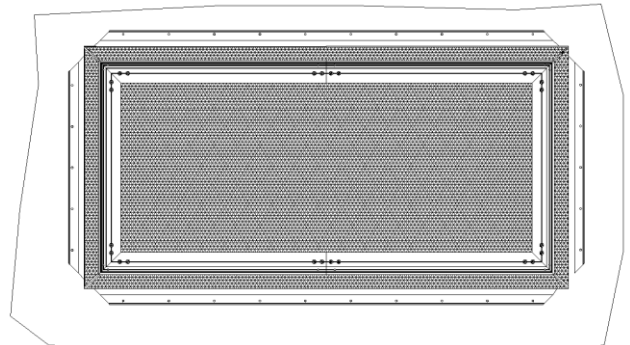


**Note:** Make sure all the corners of the frame are aligned according to the markings on the back of the material as indicated below.

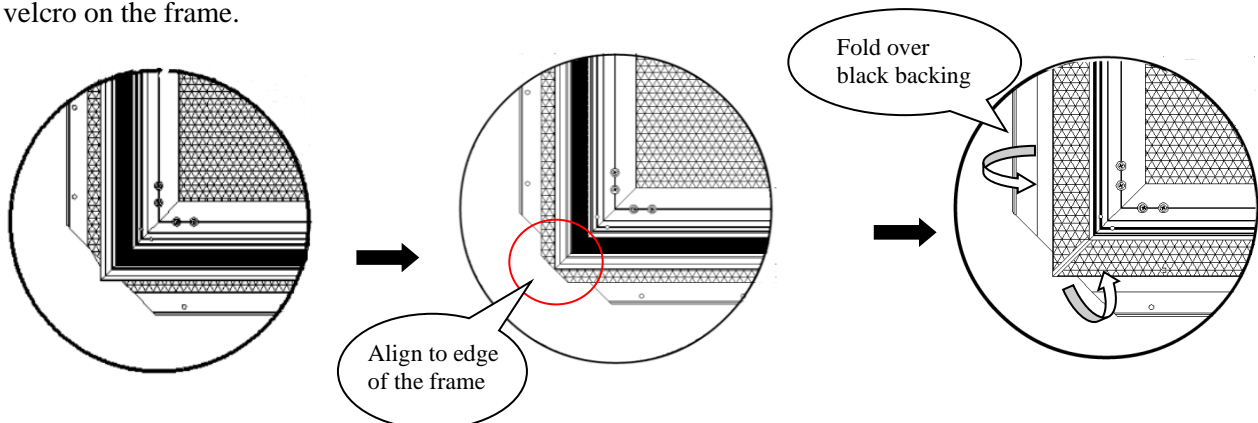


**Order of items from Top to Bottom:**

Frame > Black backing > A4K material > Foam sheet.

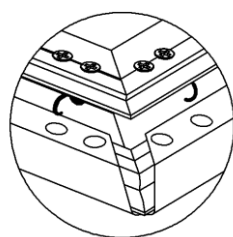


**Step 12:** Make sure the black backing is aligned to edge of the frame, then fold it over to the attach to the velcro on the frame.

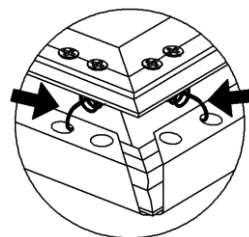


**Step 13:** After attaching the entire black backing to the frame with the velcro, use the *spring hook (d)* to attach the *spring (e)* to the hole located on the screen material's outer edge in the following order. ***Make sure the spring hook goes over the rod.***

Attach the four corners first (1).



Attach springs to holes



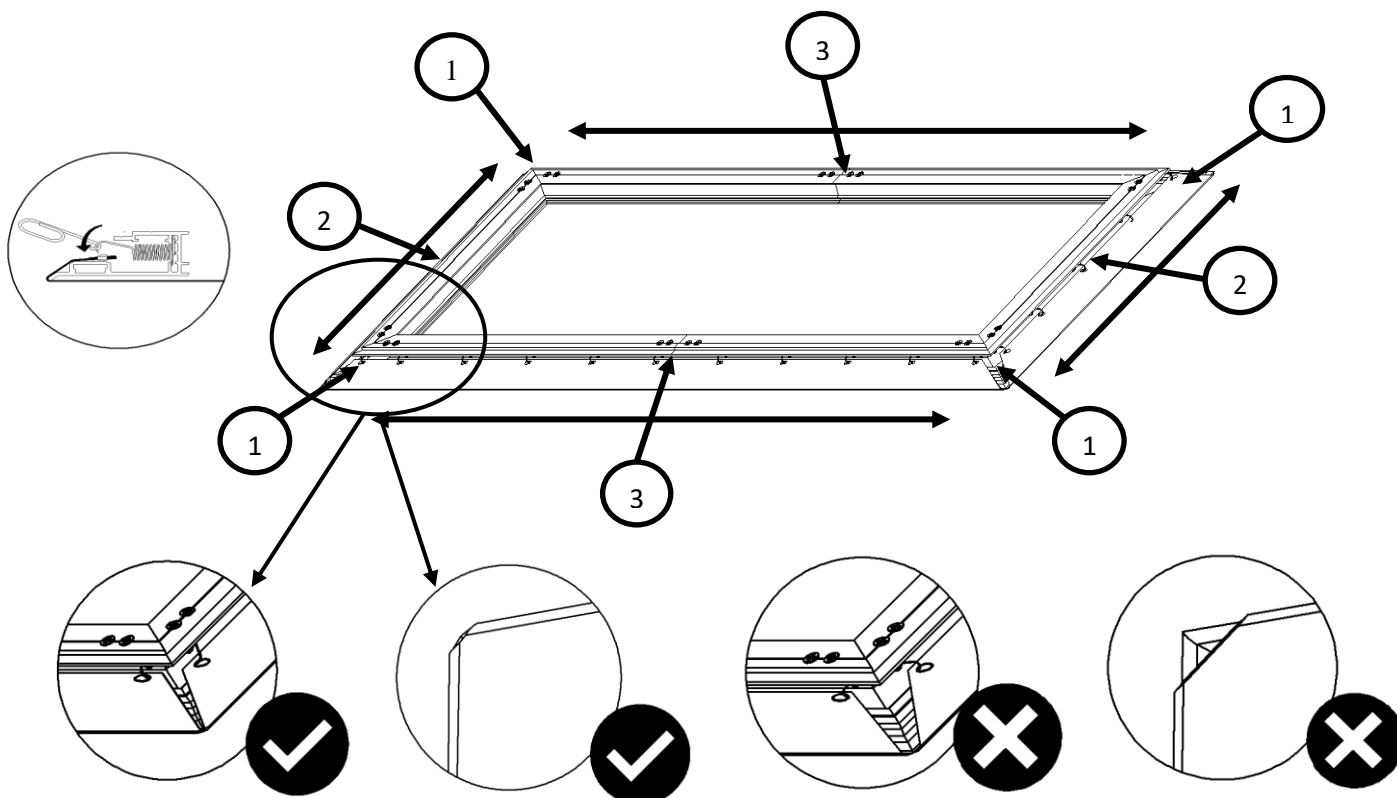
Repeat on all corners

After those are secure, attach the vertical portions of the material, begin in the center, and move towards the corners (2). Lastly, attach the horizontal sections of the material by connecting the center of the material and make your way towards the corners (3).

**Note (after all springs have been attached):**

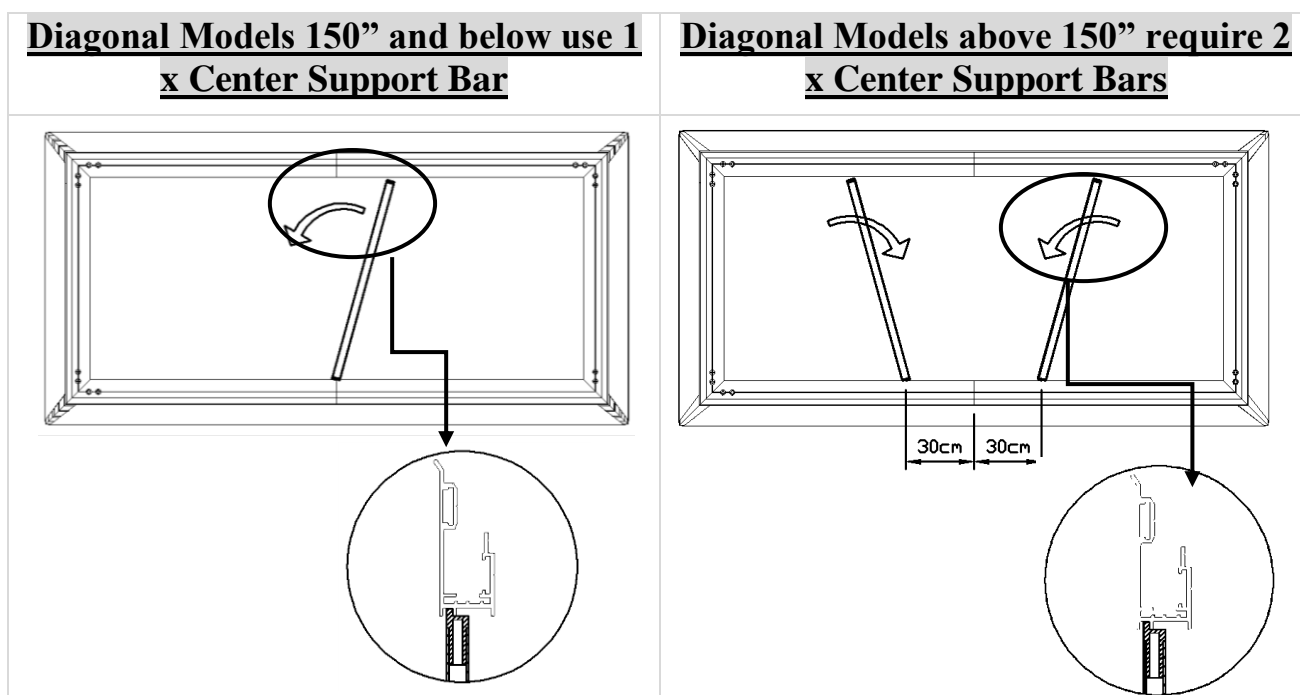
**Correct material installation** –Corners of the screen material are properly wrapped around the corner edges of the frame and material is evenly tensioned and flat, creating a nicely taut surface.

**Incorrect material installation** –The corners of the screen material are not properly wrapped along the edge of the frame leaving the material with unbalanced tension and an uneven finish. To correct, detach springs from material at the corner(s) where material does not lie flat along the edge of the frame, reposition the material so that it lies flat and wraps along the edge of the frame, and reattach springs to the material.



*To avoid ripples forming in the material it is imperative that all of the corners are properly wrapped around the edges as illustrated in the check mark diagrams.*

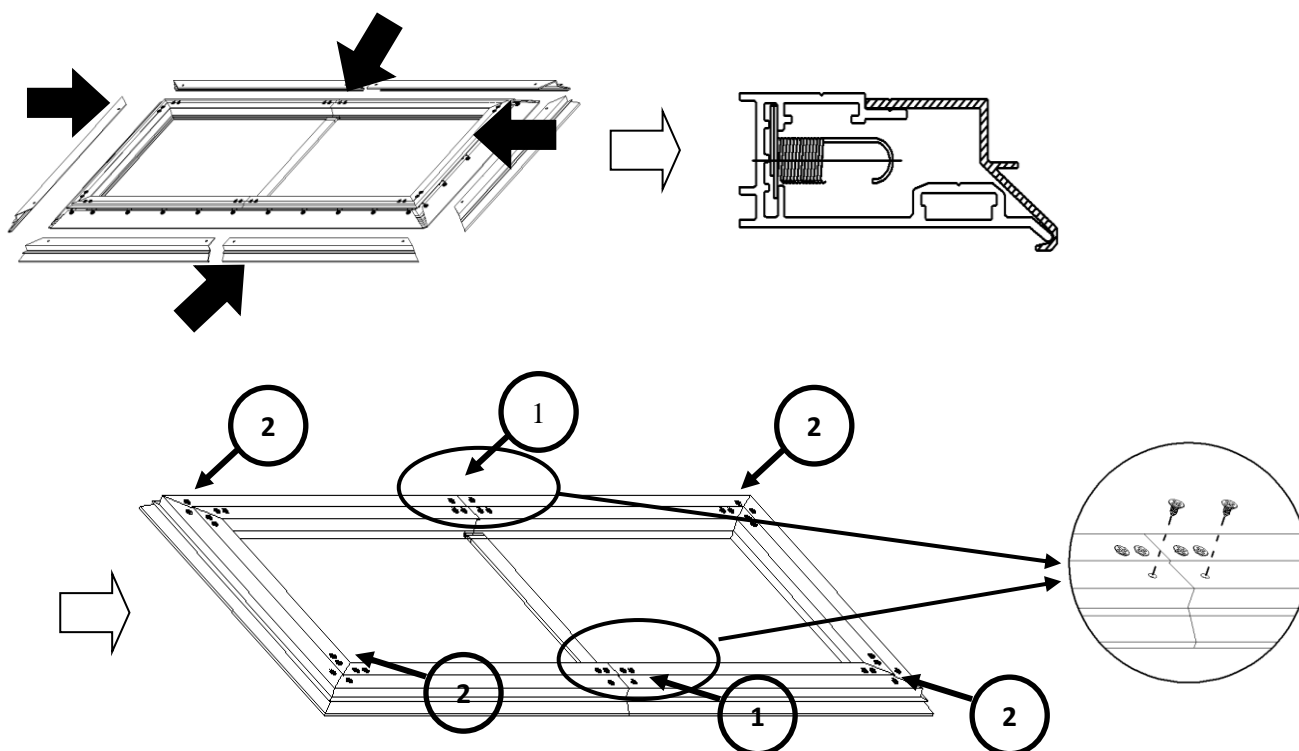
**Step 14:** Insert the *Center Support Bar (i)* into the upper top groove on the back of the frame with the bottom end near the approximate center point of the frame and rotate it in at an angle so that both ends of the bar are in alignment with the groove.



**Attention:** Do not proceed with the *Edge Trim* installation until making sure there are no ripples in the material.

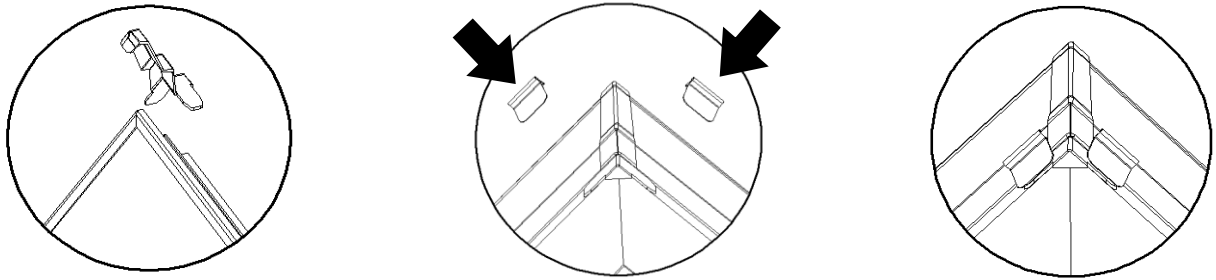
### Edge Trim Installation

**Step 15:** Place the *Edge Trim* over each end of the frame and secure with *M4x6screws (c)*. Start with the center points first, then the rest of the corners as shown below.



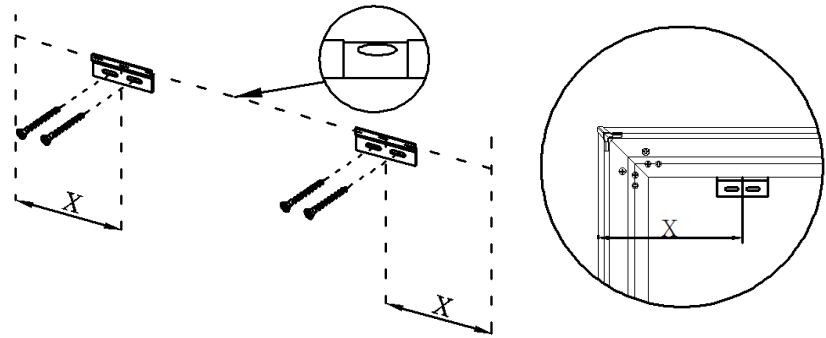


**Step 16:** Install the *angle cover(j)* on each corner of the frame and install the LED light strip to hold down the angle cover. Then insert the *LED light clip (l)* to hold the LED light strip in place.

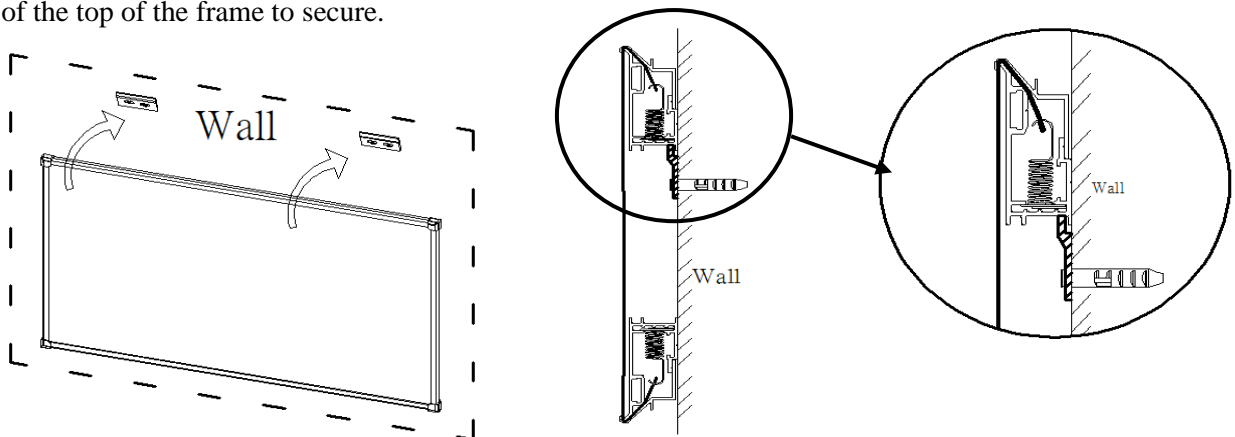


## Wall Installation

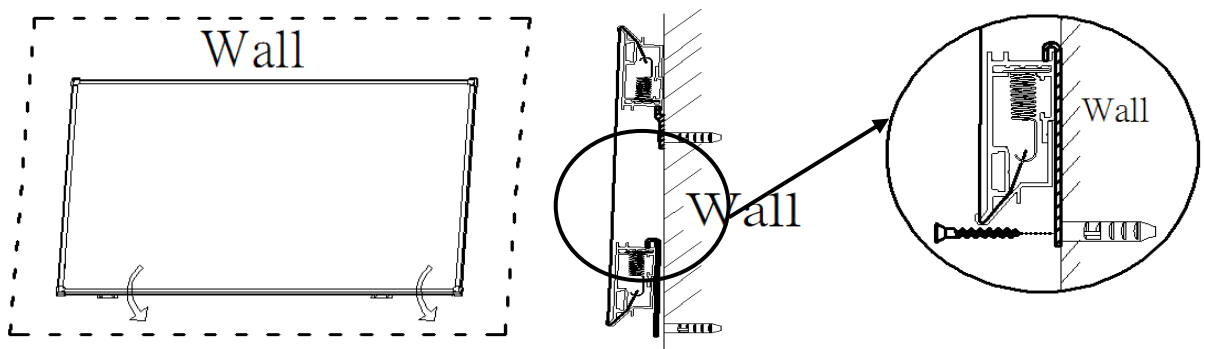
**Step 17:** Measure the overall length and height of the frame and drill holes for the top brackets. Line up the wall brackets with the drilled holes on the installation location and screw them in using a Phillips screwdriver. If not installing into a structural wood stud, use a hollow wall anchor then screw in the M5x50 wood screws with a screwdriver. Make sure the brackets are leveled.



**Step 18:** Position the fixed frame screen onto the top wall brackets as shown below and push down at the center of the top of the frame to secure.



**Step 19:** With the frame slightly tilted outward; connect the bottom brackets onto the bottom groove of the frame. Then secure them by screwing onto the wall.



**For Technical Support or an Elite Prime Vision contact in your area, visit**  
**[www.epvscreens.com](http://www.epvscreens.com)**