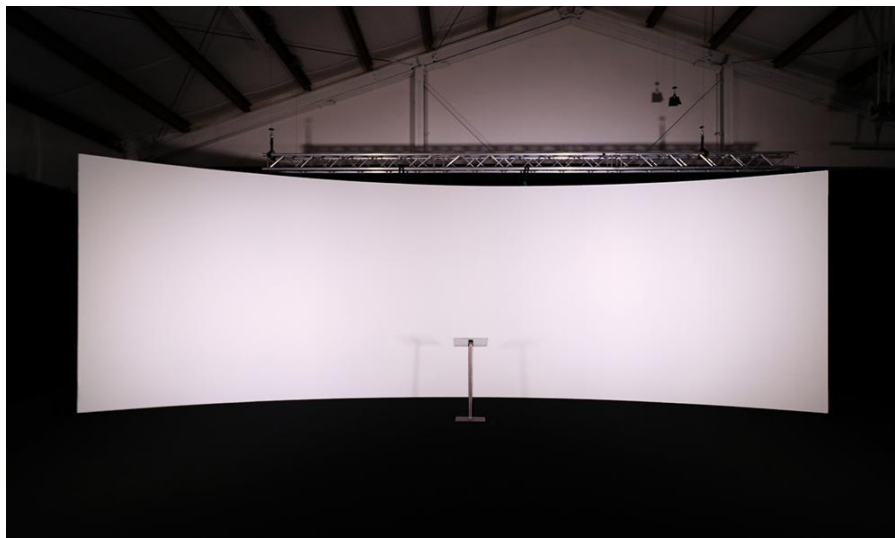


CURVED BORDERLESS SYSTEMS (CURVED BORDERLESS PROJECTION SCREEN, CURVED BORDERLESS GRAPHIC PANEL)

INSTALLATION & MAINTENANCE



SOLVE YOUR LARGE-SCALE PROJECTION NEEDS
WITH A UTILITY SOLUTION



MOSS

WE ARE PLACE MAKERS™

Install questions?
Contact us. We're here to help
you succeed!



MOSS

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888.370.0202

Proper Handling

To avoid smudges, always install the fabric wearing the gloves provided. Even clean hands can leave residue on the fabric. Consider using drop cloths or plastic sheeting to maintain a clean work environment as needed.

Storage

Qualified orders include a cloth drawstring bag, which is ideal for long-term storage. When storing your fabric in a sealed container, like the plastic bag it arrived in, the fabric must be completely dry to avoid mold or mildew. Fold fabric neatly, screen side in, avoiding tight creases, and place into the bag.

Cleaning & Dusting

Light: Fingerprints from installation without gloves is the main culprit of a dirty screen. To overcome this, be sure to follow setup instructions carefully and always use the included gloves when handling the fabric. For light marks, simply use the included Magic Eraser to clean spots. Swipe side to side in the direction of the fabric grain. Avoid circular motions when cleaning with a Magic Eraser. Any excess debris from the cleaning process can be dusted away.

Deep: For more significant stains, wet a small section of a clean white paper towel with water or slightly soapy water (using dish soap). Wring out any excess water. Swipe from side to side in the direction of the fabric grain, lifting as much dirt as possible. Next, thoroughly dry with a dry paper towel. Fabric will need to fully dry before it looks white again. If this does not remove the stain, use the same technique, but with Clorox Green Works spray. If this still does not remove the stains, you may need to purchase a new screen. Do not machine wash your screen.

Dusting: We understand that many of our products may be left up over long periods of time and collect dust. To remove dust on fabric, use a clean object to bat the back surface, starting in the center and moving towards the edge, until the dust falls away.

Warranty

For a complete review of our warranty, please visit our website: <https://www.mossinc.com/terms-and-conditions>

Included Accessories



NITRILE GLOVES



STORAGE BAG
(Not included with
larger screens)

Recommended Tools



MEASURING TAPE



3/16" HEX WRENCH



SAW HORSES
(OPTIONAL)



ADJUSTABLE HEIGHT
STANDS (OPTIONAL)

Frame Assembly Instructions

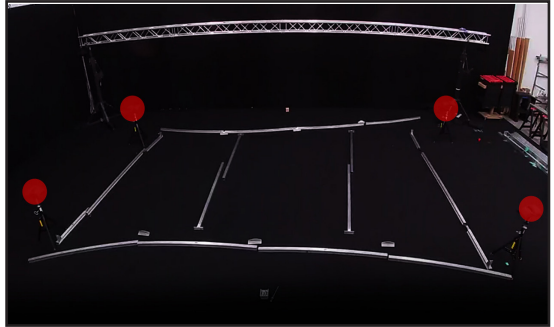
1. Establish Work Environment

Establish a large, flat, and clean work environment. Consider using drop cloths or plastic sheeting if necessary to maintain cleanliness.

-Pro Tip: Most carpeted areas also work perfectly for this.

2. Map Out Four Corners

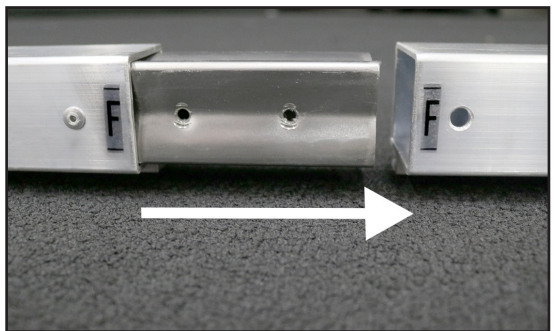
Prior to assembly, measure out your frame's finished dimensions and place your adjustable height stands or saw horses at the four corner locations. The height of your saw horses or adjustable height



stands should be as close as possible to your system's curve depth. For example, a frame system with finished dimensions of 30' wide x 10' high x 3.5' deep needs to have approximately 3.5' high saw-horse or adjustable height stands. (Saw horses and height stands not included.)

3. Familiarize Yourself With The Labeling

Each frame segment end is labeled with a letter that will match the end of another segment. This tells you these two segment ends will attach to share a junction (A to A, B to B, C to C, etc.).



4. Assemble Vertical Uprights

Begin by assembling the straight ends of your frame that will make up the height of your finished system. Find a straight segment and lay it down with the aluminum channel facing down, and the frame labels on the inside vertical face.

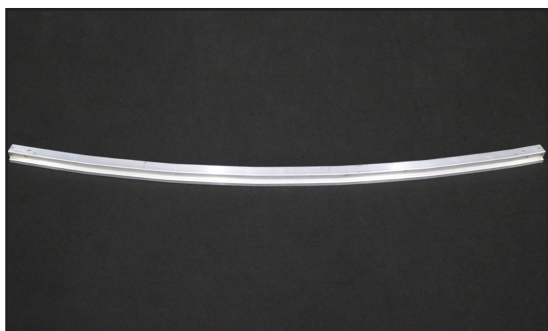


Choose an end of the straight segment and find another straight segment with the matching letter. Insert the sleeved junction so that the letters match up on the same face. Use a 3/16" hex wrench to screw in the provided machine screws at each junction (two per junction).

-Pro Tip: Go slow and use caution to avoid cross-threading. We advise against the use of powered drills and drivers for this step.

5. Begin Laying Out Curved Segments

Once your straight ends are assembled, set them aside and move on to the curved segments that will make up the width of your finished frame. Lay out your curved pieces on the floor, so that the curve goes



across the floor, and not up into the air. Line up the joints using the labeling system described in step 3.

6. Identify Joint Brackets

Once pieces are laid out, identify the fabricated joint bracket with the corresponding letter to a given joint. This bracket connects the two segments together with proper curved alignment.



7. Join Segments and Brackets

Once all curved segments are laid out with their corresponding brackets, use a 3/16" hex wrench to screw the provided machine screws through each bracket and into the frame segment (eight per bracket).

-Pro Tips: Go slow and use caution to avoid cross-threading. We advise against the use of powered drills and drivers for this step. Loose fit all eight screws, adjusting segment alignment as needed before firmly tightening to lock in the proper alignment.

Continue assembly, repeating the step above for all junctions until the two curved pieces are complete.

8. Flip Your Assembled Curved Pieces Upward

Flip your two assembled curved pieces so that they curve up into the air, using your saw horses or adjustable height stands to support the ends.

9. Join Straight Vertical Uprights and Curved Segments

Lift your straight ends into place, and connect the corner joint to your curved ends, making small adjustments as needed to ensure proper alignment of the screws.



-Pro Tip: Go slow and use caution to avoid cross-threading. We advise against the use of powered drills and drivers for this step.

For Frames Requiring Supports

If your frame requires center supports (16 ft wide and over), the threaded insert placement will be labeled on the appropriate segment. (See photo.)



If your frame requires corner supports (15 ft tall and over), the threaded insert placements will be labeled on the appropriate segments near the corners.

10. Move on to Fabric Assembly

Leave the frame in its current position (on its back) for fabric installation.

Fabric Application Instructions

Pro Tips

- Fabric can be installed by one person, but we recommend a team of two or more, especially for systems exceeding 16 feet in width.
- Establish a clean work surface environment, consider using drop cloths or plastic sheeting if necessary.
- Although we meticulously clean and coat the aluminum before shipping, a quick wipe down of the frame with a clean towel or rag before assembly will prevent dirtying your fabric skin.
- We recommend using the provided nitrile gloves during fabric installation to avoid smudging the fabric skin.

1. Lay Out Your Fabric

Once you have established a clean work environment, unfold your fabric skin, and identify the front surface, being sure to prevent the front surface from contacting the ground or any other potentially



dirty surfaces. **Note:** The front will be matte fabric, and the back will be rubber coating. The front will install face up.

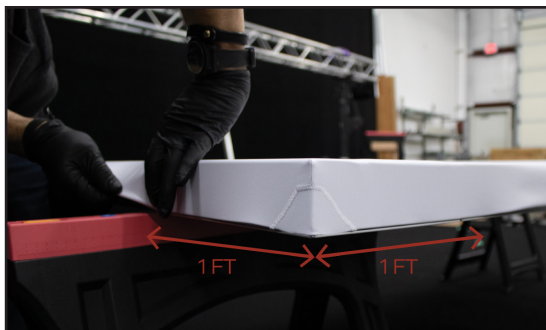
2. Drape Corners

Find one of the short sides of your skin and drape corners over the corners on one of the short sides of your frame.

3. Insert Keder into Channel Around Draped Corners

Insert about a foot of the silicone keder edge into the frame's aluminum channel on each side of the corners, being sure to line up the skin's reinforced corner with the frame's corner.

When inserting the silicone keder edge, make sure to fold it over, so the sewn edge is the leading edge inserted into the aluminum channel. **THIS IS VERY IMPORTANT.**



4. Complete Keder Install Short Side

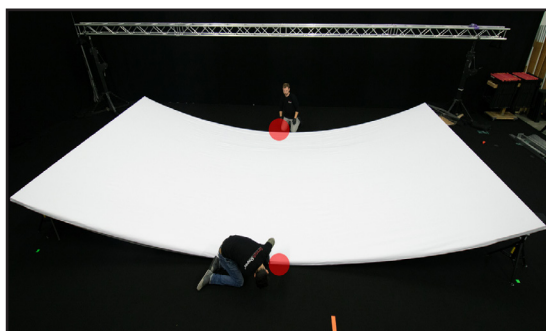
Staying on the short side, install 1-2 feet of the silicone keder edge in the middle. Bisect the remaining space on the short side, evenly installing roughly one foot of silicone keder edge at a time until the first short side is completely installed.

5. Repeat Short Side Keder Install on Opposite End

Pull the fabric skin across to the other short side and repeat the above process to install the second short side.

6. Install Keder on Long Sides

Once the short sides are completely installed, repeat the same process for the long sides. Again, you'll start by installing roughly 1 foot in the middle before doing the same on the opposing side.



the opposing side. Continue to switch sides while evenly installing in small segments until completely installed.

7. Check Your Fabric Install

Do a final check around the perimeter to ensure all of the silicone keder edge has been completely inserted into the aluminum channel. Your system is now fully assembled and ready for use. Simply flip the finished screen up into its final display position and rig as needed.

Rigging

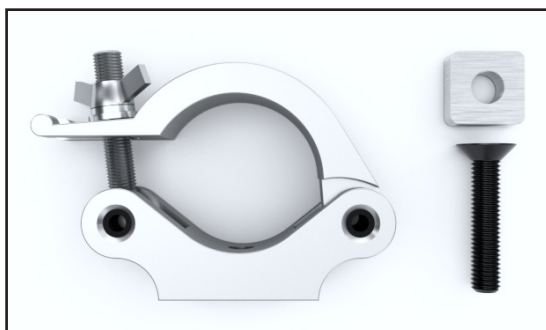
To optimize final installation and rigging options, each frame is fabricated with M10 threaded rivet nut inserts at the top and bottom of each vertical segment. These are designed to receive a variety of heavy-duty M10 rigging hardware such as eye bolts, through bolts, truss clamps, hoist rings, etc.

Additional Rigging Hardware (Sold Separately)

Borderless System Pro Clamps

These are used to adapt your Borderless Frame for direct-to-truss mounting.

1. Thread the included M10 bolt through the clamp body, through the included standoff, and into the M10



- rivet nut insert at the top and/or bottom of your frame system's vertical members.
2. Tighten until snug using a 6mm or 7/32" hex wrench.

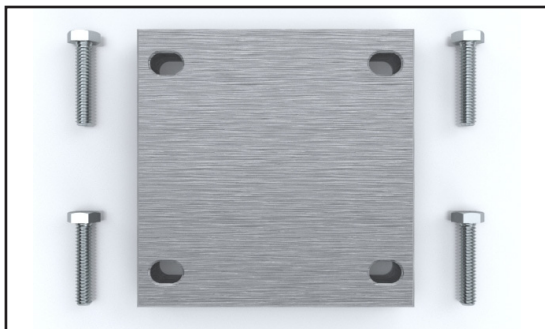
Frame Connector Brackets

These are custom fabricated brackets used for bracketing multiple Borderless System frames together to create a single frame unit.

1. Locate the two additional 1/4"-20 rivet nut inserts on the back outside of your frame systems.
2. Use the provided extended 1/4"-20 bolts to connect the

bracket to the frame systems, fastening them together.

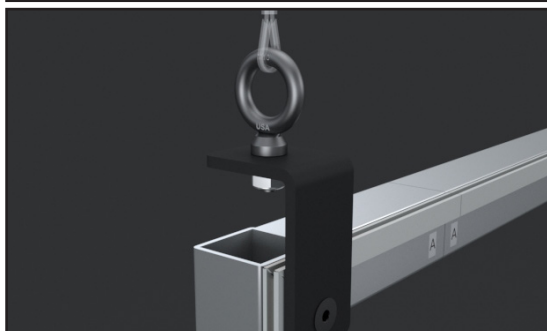
3. Tighten bolts until snug using a $\frac{7}{16}$ " or adjustable wrench.



Top Hang Brackets

These are custom fabricated brackets that are used to allow your Borderless System frame to free hang perfectly plumb.

1. Thread the included M10 bolt through the hole on the plate's longer side, through the included standoff, and into the M10 rivet nut insert at the top of your frame system's verticals.



2. Tighten until snug using a 6mm or 7/32" hex wrench. Use the top 3/8" diameter opening to connect rigging hardware of your choice, or to your M10 eye bolts with the provided nut & washer.

Ground Mount Brackets

These are custom fabricated brackets allowing for your Borderless System frame to free stand by mounting to any standard pipe and drape base plates.



1. Locate the three additional 1/4"-20 rivet nut inserts at the bottom/inside of your frame system verticals.
2. Using the provided 1/4"-20 hex head bolts, attach your ground mount brackets so that the bracket tubing extends out towards the bottom dimension of your frame.
3. Tighten bolts until snug using a 7/16" or adjustable wrench.
4. Lift and lower your frame onto the base plates so that the pins slide into the ground mount bracket tubing.
5. Use the provided 3/16" hex wrench to tighten the set screws on the ground mount brackets as needed.

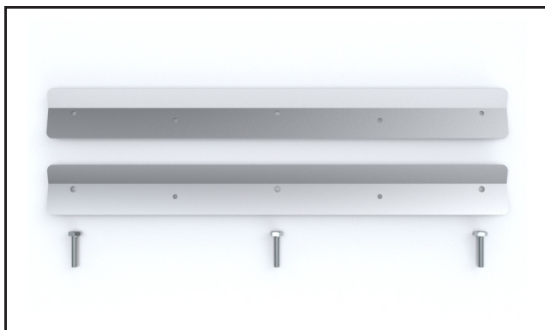


Note: Do NOT tighten set screws prior to inserting pins, a tightened set screw will obstruct the pin insertion.

Flush Mount Cleats

These are custom fabricated cleats that allow your flat Borderless System to hang flush against a wall without any visible hardware.

1. Use the provided $\frac{1}{4}$ "-20 Hex Head Bolts to fasten your cleats to the top of the frame where the additional threaded inserts are located (three bolts/inserts per cleat).



2. The cleats that attach to the frame have three slightly larger holes to accommodate the $\frac{1}{4}$ " bolts.



3. Measure the distance between the installed cleats on your frame. Install the wall cleats using the same spacing as the frame cleats.
4. Mount your wall cleats using appropriately rated hardware, being sure that the angled section of the cleat that bends away from the wall's surface is pointing up.
5. Use painter's tape to mark the locations of your cleats on the wall as well as on the frame (with fabric installed). This will assist in proper cleat alignment when lifting and lowering the Borderless System onto the wall-mounted cleats.
6. Lift your Borderless System so that the frame cleats are above the wall cleats. Push the Borderless System firmly against the wall and lower it until the cleats hook together.