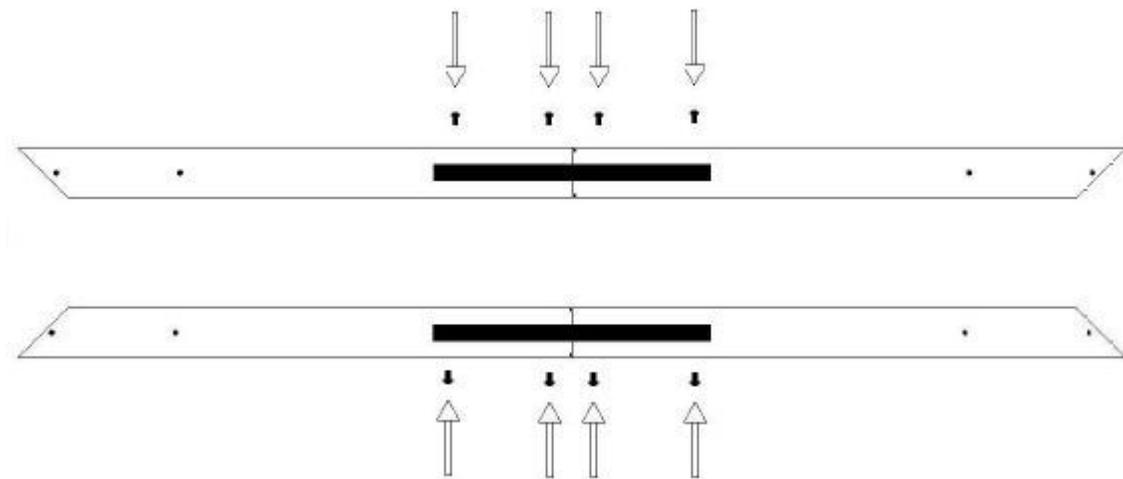


## Reference Fixed (RF) Instructions

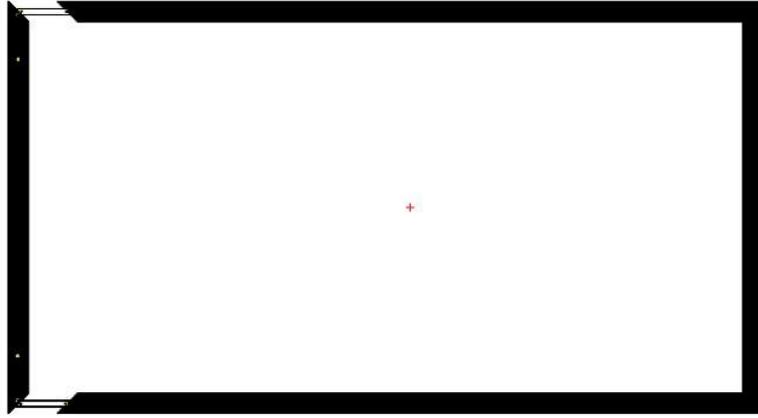
*Caution:*

*Assembling this screen and installing it requires some professional know how. You will need two people, as the screen is too heavy and bulky to be handled by a single person. You will need to be able to evaluate a completely safe way to fix the provided brackets to the wall where it is to be installed, and to provide it.*

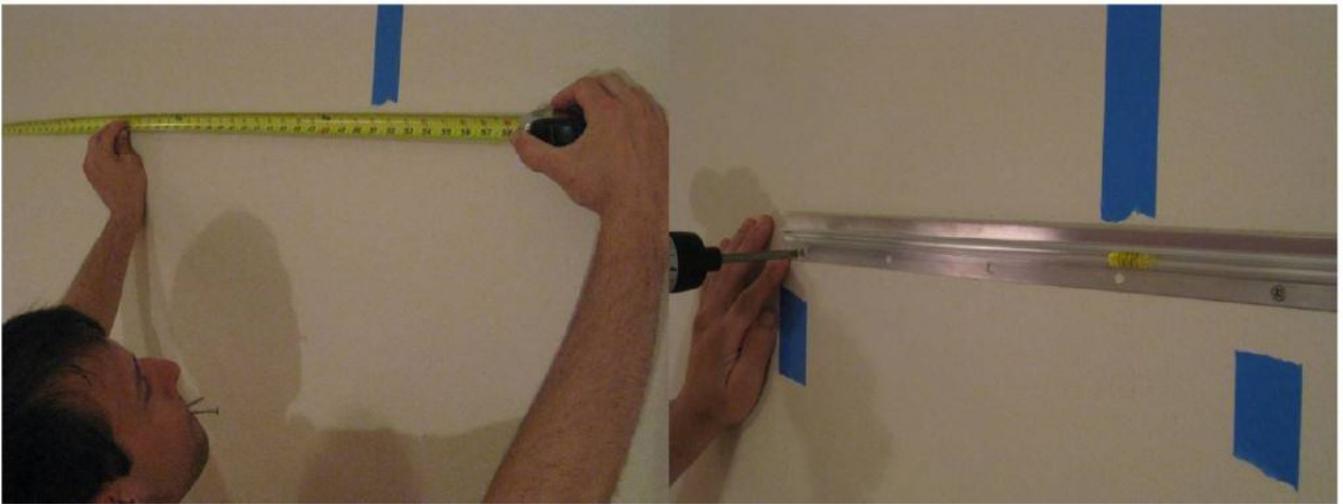
1. Place the four (or six for 100" – 200" wide screens) main extruded profiles on a clean surface with the Infinite Black™ velvet face down. Make sure the floor is clean.
  - o If the screen is 100" – 200" wide, the top and bottom profiles come in two parts. Assemble these using the 19.7" long strips of steel. Make sure it is centered well enough for all four ¼"-20 set screws to seat into the steel. Align the halves with the two alignment pins, compress them together tightly and tighten the ¼"-20 set screws with the provided 1/8" hex key. If the screen is wider than 200", then the same principal applies, but across the three horizontal pieces.



2. Insert two of the 9.9" x 9.9" angle brackets in the extrusion channel on one side, to connect three sides of the frame. Do not yet tighten with set screws.



3. Insert the other two 9.9" x 9.9" angle brackets into the fourth, side frame piece and slide into the rest of the frame. Tighten the provided 1/4"-20 set screws using the provided 1/8" hex wrench.

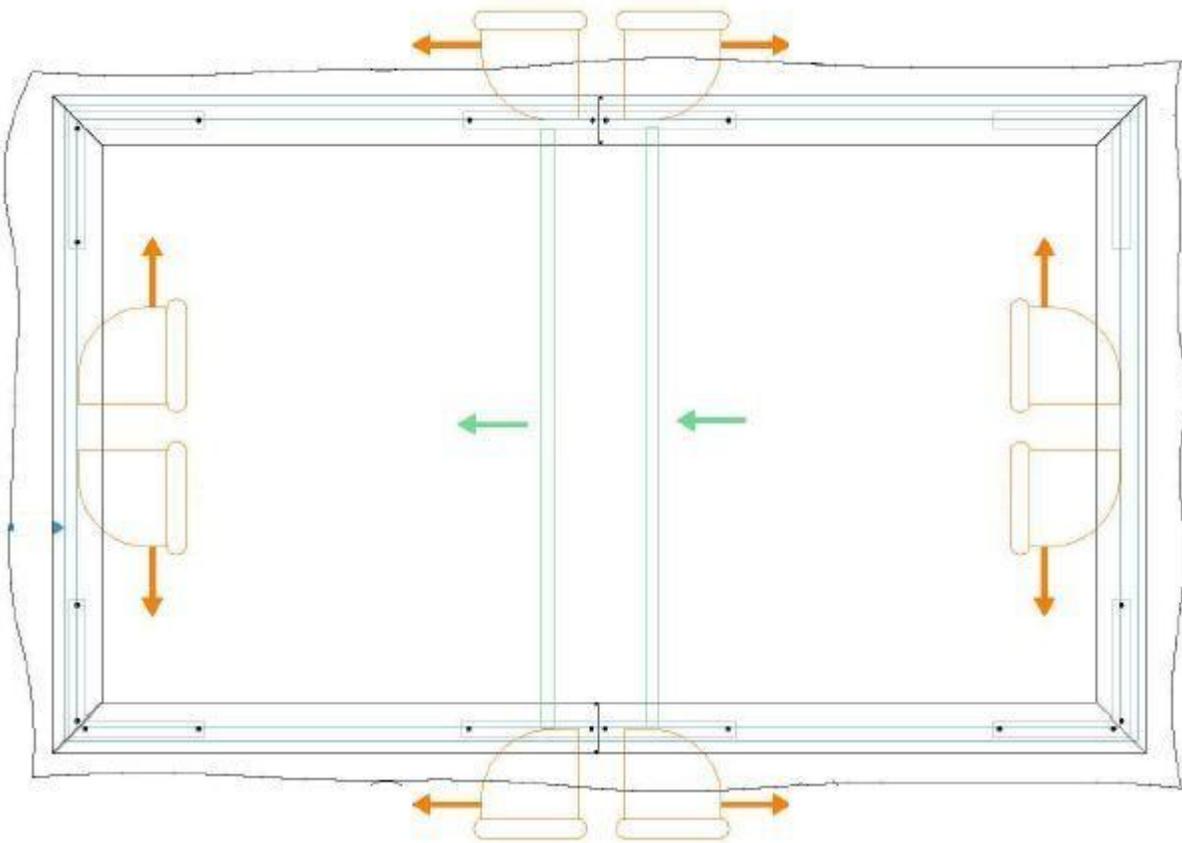


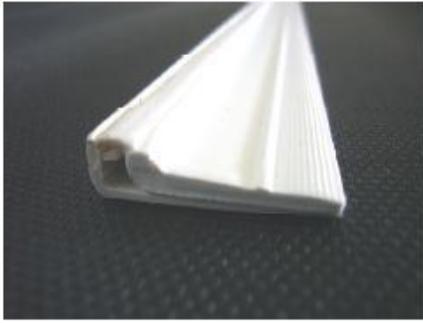
4. Locate the provided Hangman brackets so that they tap into at least two studs each. If you received one Hangman, locate it at the center of the screen frame. If you received two, measure the distance that the pre-installed brackets are from the edge of the frame and install the wall half on the wall where appropriate to hit two studs.

- o Optional: We have snap in brackets available upon request. They are useful if you need to snap in the bottom corners of the frame, or if the clearance from the frame to the ceiling is less than one inch. We recommend lightly installing these into the frame first, then marking on the wall where they'd need to be mounted.

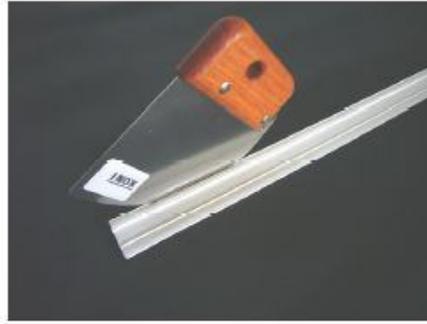


5. Make sure your hands are perfectly clean for the screen installation. With the frame fully assembled and facing down on the floor, unroll the screen material over the backside of the frame. The inside surface of the roll is the intended viewing surface, even though both sides will measure the same. You'll be installing the material into the white Gripfix channel using the provided spatulas.
  - Optional: The secondary black backing is provided as an option on request. Most applications don't need it, as long as the surfaces behind the screen are dark and nonreflective.
6. If your screen is large enough to come with vertical support bars, locate the installation marks and their screws on the frame and insert one of the bars. Don't tighten the screws at this time. We just want at least one vertical bar to keep proper spacing for the frame before you install the screen layer(s).
7. Apply a little tension across each side of the screen material. Use the edge of the spatula and insert the fabric into the rubber channel of the Gripfix. Start in the center of the center of the sides and work your way to the corner, with the two spatulas working across each other. Move the vertical supports around as necessary to both stay out of the way, yet maintain frame spacing.

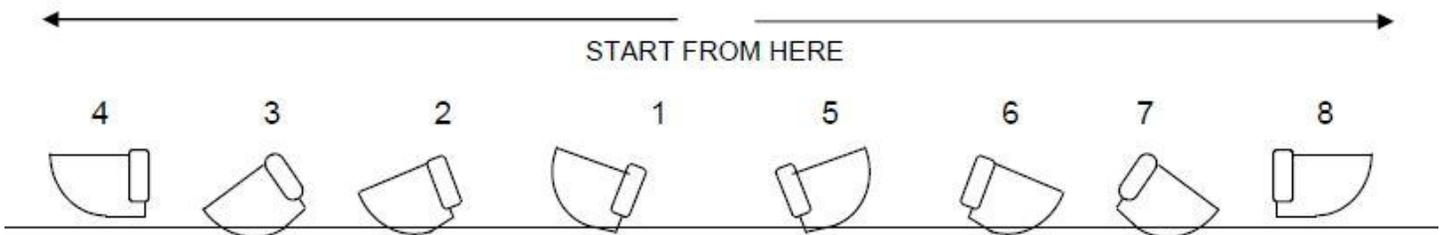




Gripfix profile

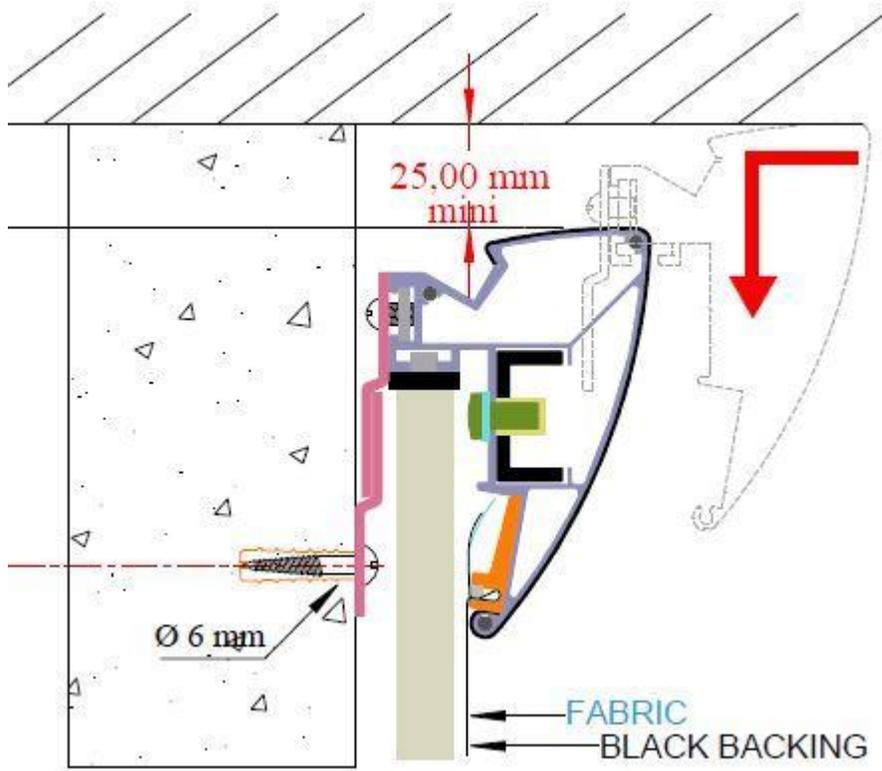


Gripfix profile & inserted spatula



8. Move the vertical supports side to side as necessary to keep them out of the way, but still spacing the frame properly.
9. Check that the tension is sufficiently uniform to avoid uneven bending of the screen frame, as well as avoiding any wave or wrinkles. You can freely release the material where it needs to be reinstalled.
10. If you have the optional black backing layer, repeat the process for that. If you end up with some unevenness in the black backing, it will not affect performance.
11. Install the vertical supports at the locations marked on the frame. Tighten using the provided 3/32" hex wrench.

12. Hang the screen up. The first illustration below uses the French cleat method that the Hangman bracket is designed for.



13. The illustration below shows the optional snap-in bracket technique.

