

Aluma Flag Assembly Instructions

Please read all instruction steps before beginning!



1. Frame Assembly: Lay out the frame assembly as shown, however place the square rafter holes facing down (not as shown-see next step) The two outside rafters should have the open channel facing in and the outer edge should be even with the ends of the U channel. The U channels have holes where the rafters should be positioned.



2. Using a drill with a 1/4" socket fasten the rafters to the U channel using the white self drilling screws. Place the screws in the pre punched holes in the U channels. Make sure the rafters are fully inserted into the U channel before fastening.



3. Clip Installation: Place one end of the clip into the first square hole coming up from the inside of the rafter. Then push the other end of the clip upward until it snaps into the next hole.



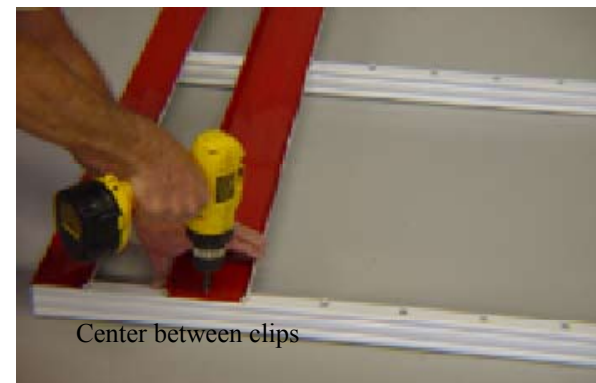
4. This view shows how the clip will look when properly installed. Repeat this for every rafter using the first two square holes.



5. Install the first red stripe: The first and last red stripe have a 90 degree bend on one edge. The other edge has a 45 degree angle and also has a lip on the bottom outer edge that fits under the clip and is secured by the clip. Place this lip under every clip on all four rafters. Using the red screws fasten the first red stripe at the four pre-punched holes.



6. All the 5 center red stripes have a lip on both sides that fit under a clip. Take the second red stripe and place one lip under each of the four installed clips. Next insert a clip into the next rafter hole by raising the edge of the stripe so the clip can be placed in the hole. Then lower the edge of the stripe under the clip and snap the other end of the clip into the next hole.



7. After the 2nd red stripe is secured by four clips fasten the stripe at both ends using a red screw. The ends of the stripe must be just inside the outer edge of the of the two outside rafters. Also center the stripe between the clips on the outer rafters. There are no pre-punched holes on the ends of the stripes. The self drilling screws will drill its own hole.



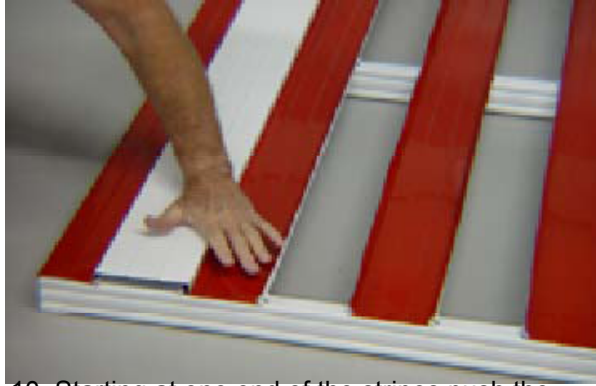
8. This image shows all the red stripes installed on the frame. All stripes should be under the clips and have red screws attached to the outer rafters at both ends. **Before proceeding any farther check that the frame is square. By pushing on opposite corners of the frame the frame can be squared.**

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9. The White stripes snap onto the red stripes. Place one edge of the white stripe under the 45 degree edge of the red stripe the entire length of the stripe.



10. Starting at one end of the stripes push the other side of the white down with the heel of your hand until it "snaps" onto the red stripe. Do this the entire length of the white stripe.



11. All thirteen (13) stripes are in place. *Before going to step 12 check again and make sure the flag is square. By pushing on opposite corners the flag can be made square.*



12. Place the star field on the left side facing the flag 1" in from the left edge. If there are any red screws under the top lip of the star field remove them before fastening the star field.



13. Using the blue screws fasten the top lip of the star field onto to the flag. Go through the 4 pre-punched holes in the top lip.



14. Using the blue screws fasten the right edge of the star field to three white stripes. Use the 3 pre-punched holes. BE VERY CAREFUL NOT TO OVER TIGHTEN OR STRIP OUT THE SCREWS. (The left edge of the star field will be secured by the trim piece in step 15.



15. Using white screws fasten the trim edge on both ends of the flag. Go through the four pre-punched holes into the flag frame. (You will probably want to remove the trim before installation) (see Flag Installation.)

Flag Installation: Remove the outside trim pieces before installing. If possible fasten the flag at all four corners or anywhere on the outside of the frame. Drill a clearance hole through the flag at the red stripes. Chose a fastener suitable for your structure. (metal, wood concrete etc.) At the red stripes the flag is about 2 1/2" thick so be sure to purchase a fastener long enough to pass through the flag and into your wall. After the flag is in place reinstall the outside trim pieces to cover the installation fasteners. Fasten in four places.