



LAMINATING ABS PLASTIC, FIBERGLASS, TO PLYWOOD

** Follow ALL safety directions on the adhesive label*

1. Cut your wood panels for the case to your specified dimensions.
2. Use those wood panels as templates to cut your ABS or Fiberglass plastic panels from their full sheets with a sharp razor knife.
3. Be sure to use our Laminating Adhesive sold at our online store for best results in bonding laminates to the wood. If you choose not to use ours, or ours is out of stock for some reason, **we only recommend** the following adhesives as appropriate substitutes: **3M™ 90 Spray Adhesive, 3M™ Heavy Duty 20 Spray Adhesive, or DAP Weldwood High-Strength Spray Adhesive**. Outlets like Amazon.com, Home Depot & Lowe's carry these at around \$13-\$16.
4. Be sure the wood is smooth and finished (well sanded) on the side that you are bonding to the laminate.

Follow steps 5 through 11 for each wood panel, one at a time

5. Coat the smooth finished side of the wood panel with our laminating adhesive.
6. Coat the smooth non-haircell finish side of the laminate with our laminating adhesive.
7. Allow them to sit adhesive side up for approximately 1-2 minutes, until tacky to the touch of your finger.
8. Place the wood panel on a strong flat surface (adhesive side up).
9. Carefully lay the laminate (adhesive side down) onto the wood (adhesive side up), **BEING SURE TO CAREFULLY ALIGN THE EDGES OF THE LAMINATE AND WOOD, BECAUSE ONCE THEY BOND THERE WILL BE NO GETTING THEM APART.**
10. Use the palm of your hand first to firmly smooth over the laminate pressing it against the wood.
11. Take our J-Roller, or other type of rolling device, and do the same thing as in Step 10, but with considerably more pressure. Be sure to work the entire surface area. **PRESS FIRMLY**, going over the entire surface area several times to work out any air bubbles between the laminate and wood. This provides for proper contact between the laminate and wood. Be sure that there is no excess adhesive oozing out from the edges, and if so, wipe it away with a cloth dampened (**not soaked**) with mineral spirits before moving to step 12.
12. Lay out and stack your panels so that the larger panels cover any smaller panels underneath and clamp them together between other pieces of wood (preferably 3/4" thick) on the top and underneath your stack of panels. You can also stack your panels on a solid surface (sturdy workbench, concrete floor, etc.) and place another piece of plywood on top of your stacked panels (again, preferably 3/4" thick and larger than your largest panel), and place a good amount of weight on top, such as cinder blocks, or some other heavy item(s). Either way, leave this sit for 24 hours. If your case size is such that you have very large panels, or full 4' x 8' panels, you will have to spend extra time and elbow grease working out any air bubbles when you laminate. However, for such projects we recommend that you purchase our pre-laminated plywood.

NOTE: You can also see our video tutorial on this topic at our online store, or on our web site.