

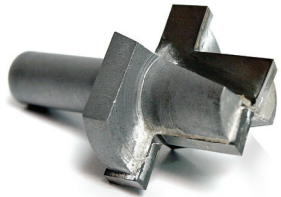
futures.

ONE-SHOT INSTALLATION INSTRUCTIONS



INCLUDED IN YOUR KIT:

ONE-PASS ROUTER BIT



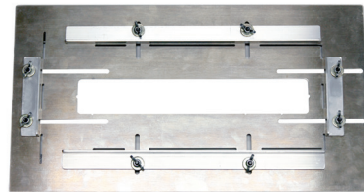
SPACER



DOWEL PIN



JIG PLATE



TARGET



EVA SHIMS (x4)



DUMMY FIN

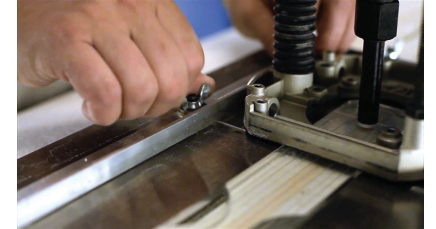


JIG PLATE SETUP

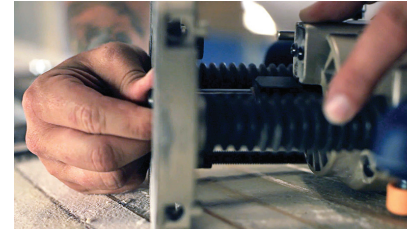
- Place **Jig Plate** on flat surface. Place target in **Jig Plate**.



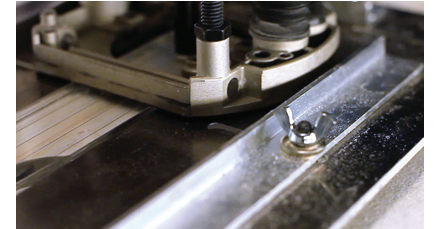
- Loosen all walls of **Jig Plate**.



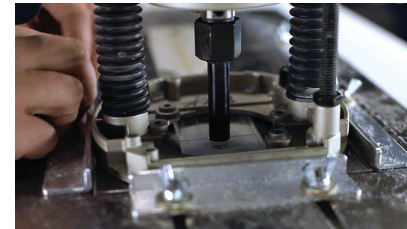
- Place **Dowel Pin** in Router.



- Place the **Router** within the **Jig Plate** w/ round end facing tail.



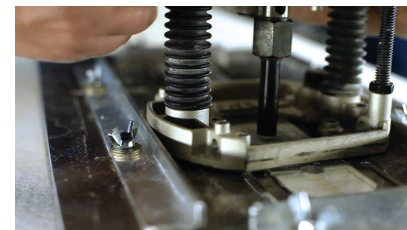
- Simultaneously place **Dowel Pin** into target site.



- Align **Jig Plate** walls with **Router**.



- Repeat in each **Dowel Pin** site to ensure **Jig Plate** is set up.



- Test route on scrap foam.

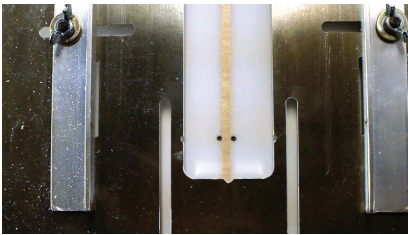


ROUTING

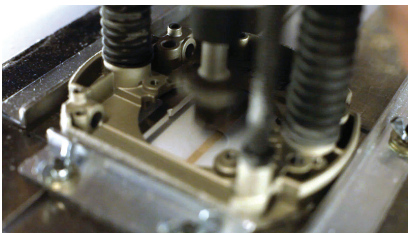
- Place **Router Bit** within **Router**. Ensure bit sits flush w/ **Router**. Tighten.



- Use center notches to line up for shaper's desired fin placement.



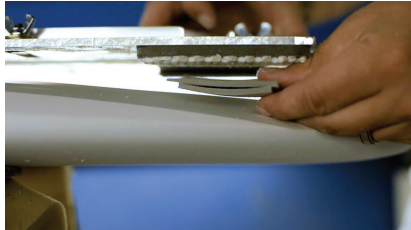
- Score the stringer to ensure **Jig Plate** is perfectly aligned.



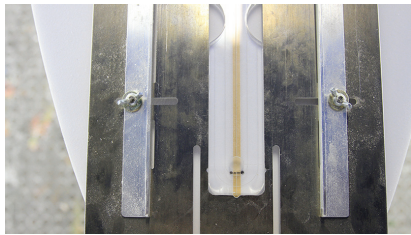
- Moving from nose to tail in a plunging motion, plunge 1/8" of stringer at a time, routing center part of box cavity.



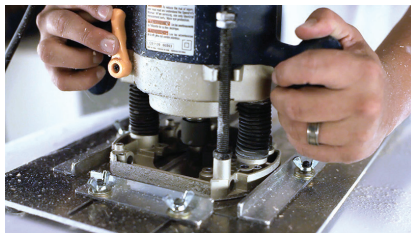
- Place **Jig Plate** on tail of board. Ensure it is level. Use **EVA Shims** if necessary.



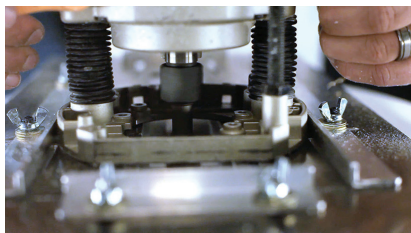
- The shaper's mark should be directly behind the dowel pin site.



- Place **Router** at the top of the **Jig Plate**. Plunge straight down until flange cutter meets the foam.

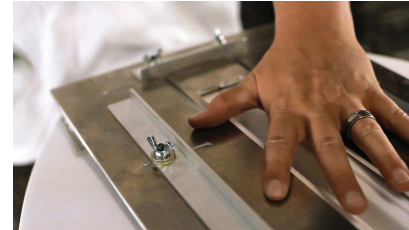


- If the board has significant rocker, it may be necessary to route 1/8" deeper to allow box to sit flush on each end.

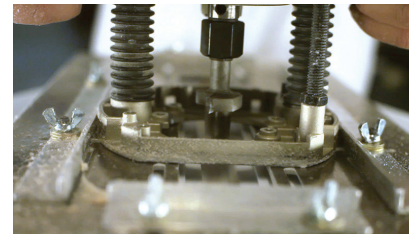


ROUTING

- Once center is completely routed, blow out dust and debris.



- Lock **Router** in place.



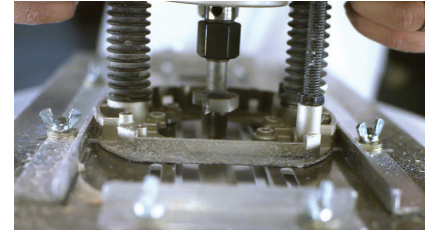
- If you pull too quickly the bit will gauge the foam and stringer.



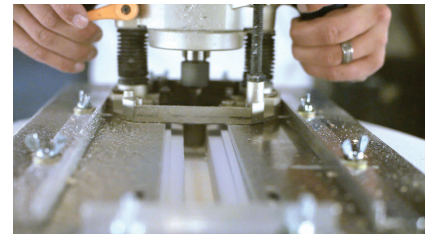
- Dry fit route using box and **Dummy Fin** prior to removing **Jig Plate**.



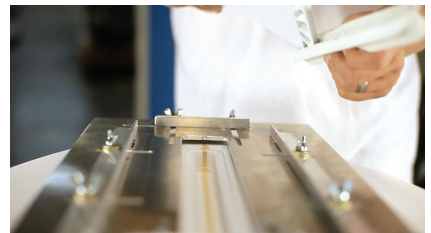
- Place router at front of the plate and plunge to desired flange depth.



- Slowly pull **Router** towards tail routing flange cavity.



- After routing blow out any dust and debris.



- Re-route if necessary.

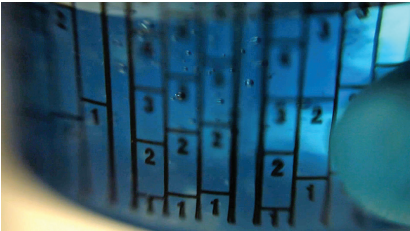


SETTING

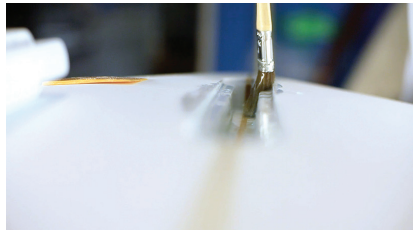
- It is helpful to score the inside of the route w/ the box to help allow the resin to flow.



- Thoroughly mix laminating resin or epoxy resin.

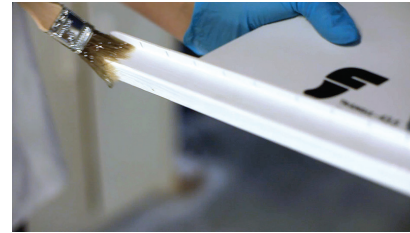


- Pour the resin inside the route. Use a paint brush to saturate the entire route.



SETTING

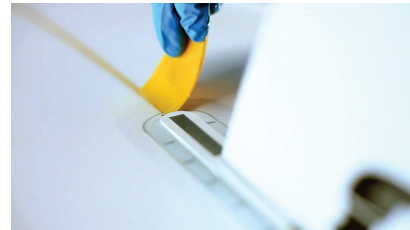
- Prior to setting, coat One Shot box w/ resin.



- Take box with **Dummy Fin** and press it into the route cavity. Small amounts of resin should squeeze through the flange cells in the box.



- Use squeegee or small paint brush to remove excess resin from board. Remove **Dummy Fin** once box has set.

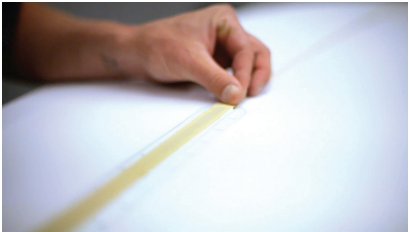


LAMINATING

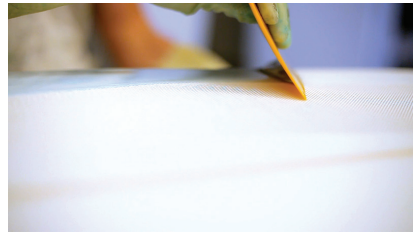
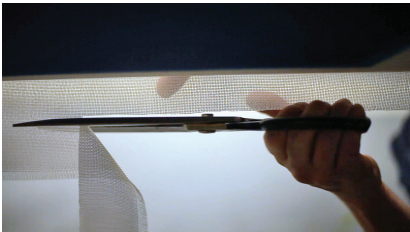
- Once fin box is set, remove **Dummy Fin**, and place provided insert in the One Shot box to prevent pinching.



- Tape off boxes with 3/4" masking tape.

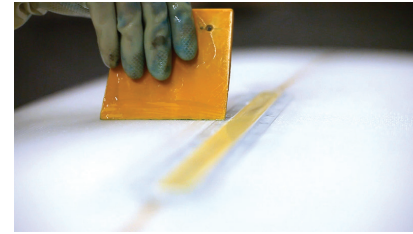


- Some manufacturers prefer to use extra cloth to cover box for added strength.



LAMINATING

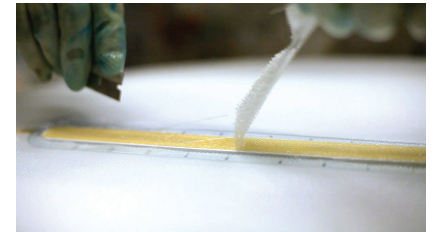
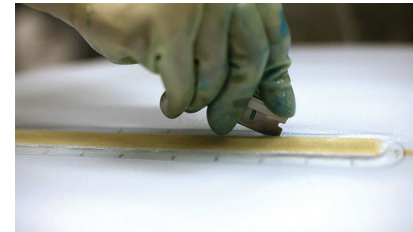
- Laminate the board as one normally would.



- Avoid any air from forming around the box.



- Use a razor blade to cut around box opening. This will help push out any extra air.

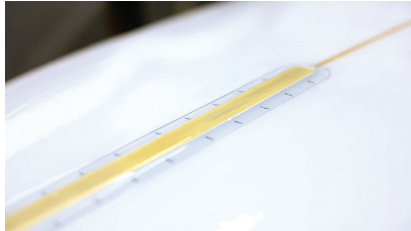


HOT COATING

- Use grinding discs to grind the box flat. Grind out any visible air.



- Fill air voids with resin during paste process.



- Once paste has kicked Hot Coat as normal.



SANDING

- Use a hard pad or grinding disc to ensure the box is completely flat. Do this without removing too much cloth.



- After grinding, use a hard or medium pad to ensure box is flat during the process.



- Sand board as one normally would.

- Remove insert from box once all sanding is done.

