

Marquetry Inlay Instructions

(Please read all the way through the instructions before you begin working.)

1. Secure the guide in the desired position with tape.
2. Using a razor knife, cut along the inside perimeter of the guide. Make a few passes, applying light pressure, until you've cut to a depth of approximately 0.030 inches (0.75 mm). More pressure will be necessary if you are through epoxy and fiberglass.
3. The inlay is 0.024 inches thick. Set a router, laminating tool, or Dremel tool with a router-type base to a depth of 0.030 inches and carefully router near the line you have cut. *(This is the most delicate part of the operation, so it helps to practice on some scrap wood first.)* Clean up the remaining wood near the line with a chisel or knife and a bit of sandpaper, using the cut line as a stop. Because the guide and the inlay are laser-cut, you'll find the fit to be quite accurate.
4. Apply unthickened epoxy to the underside of the inlay and to the boat. Put the inlay in position. Place a plastic sheet larger than the design over top of the inlay and carefully position some weights such as sandbags on top of the plastic. The weights must keep the inlay flat and in contact with the boat while the epoxy is curing. Be careful not to scratch or damage the top of the inlay with the weight. Allow the epoxy to cure for the recommended time.
5. After the epoxy has cured, remove the weights and the plastic sheet from the inlay. If any sanding of squeezed-out epoxy is necessary, make sure it's with very fine paper.
6. Apply fiberglass and epoxy to the deck as directed in the instruction manual for your boat kit.
7. Sand the area smooth and finish as desired.

Feel free to contact us for technical assistance: 410-267-0137, or info@clboats.com.

Marquetry Onlay Instructions

(Please read all the way through the instructions before you begin working.)

1. Installation of a marquetry design as an onlay is quite simple. An onlay will look just like an inlay when finished, but the application is much easier. If you're installing the marquetry on top of fiberglass you should sand the area first to maximize adhesion.
2. Apply a coat of unthickened epoxy to the underside of the onlay and to the boat, place the onlay in the desired position, and use black electrical tape to hold the design in place. Place a plastic sheet larger than the design over top of the onlay and carefully position some weights such as sandbags on top of the plastic. The weights or must keep the onlay flat and in contact with the boat while the epoxy is curing. Be careful not to scratch or damage the top of the onlay with the weight. Allow the epoxy to cure for the recommended time.
3. After the epoxy has cured, remove the weights and the plastic sheet from the inlay. If any sanding of squeezed-out epoxy is necessary, make sure it's with very fine paper.
4. Apply fiberglass and epoxy to the deck as directed in the instruction manual for your boat kit. Fiberglass followed by several thick coats of epoxy will hide the thin edges of the onlay.
5. Sand the area smooth and finish as desired.

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