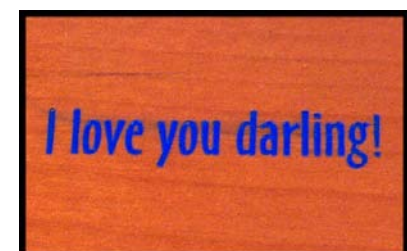
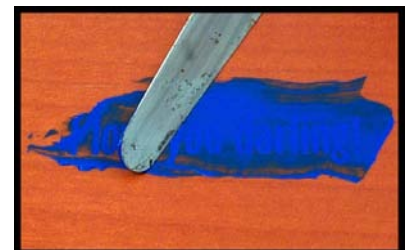
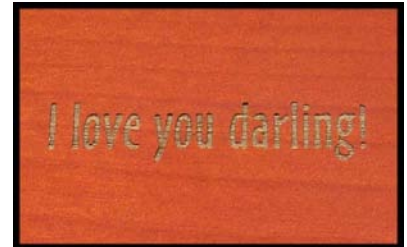


# TECH TIP

## Using the LaserBits Pro Color Fill Liquid

Color filling wood and plastic is a quick and easy way to add a special decorative touch. The process for wood or plastic is identical. Woods used for color filling should have a clear finish. Other materials can also be color filled in the same way but may require testing and experimentation for the best results.

- Start by engraving with your laser to a depth of approximately .035 inches. This is about the thickness of the wire used in a paper clip. After engraving do not clean the area. If you do clean the area, be sure it is absolutely dry and wait about an hour before proceeding.
- Apply the Pro Color Fill Liquid by using the applicator tip to the engraved area.
- Immediately after application of the color, work the Color Fill Liquid into the engraving with an artist's spatula or your finger tip.
- While the Color Fill Liquid is still wet, use a water dampened cotton cloth to wipe away any excess color. Two passes using light pressure works better than one strong pressure pass with the damp cloth. Remove most of the excess color and let dry for 10 minutes.
- A cloth with isopropyl alcohol works best to remove the leftover Color Fill Liquid and leaves a clean surface surrounding the engraved area.
- Note that a common problem in color filling is the bleeding of the color into the grain of the wood. This can be caused by certain types of woods, such as oak, which have an open grain. The LaserBits Pro Sealer (SUS 115) may be required before applying the color in this case. Engraving too deep can also cause bleeding of the Color Fill Liquid. Liquid colors that are not designed for this application may also have a similar effect of bleeding into the wood grain.



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