

## **Veneer Punch Information**

It's not uncommon to find bark patches and other voids in burl veneer. This tool allows the user to easily punch out the defect and replace it with a reciprocal patch. A tremendous amount of thought and experience led to the unique design and machining of this highly sought-after hand tool. Each tool begins as a solid billet of A2 tool steel and undergoes a multi-pass machining process on a specialized CNC lathe and end-mill. No finer veneer punch has ever been made!



If you are familiar with traditional veneer punches, you know they have a tendency to blow out the surrounding veneer. This can only be minimized by applying masking tape to the veneer face which holds the veneer tight as the pressure of the punch presses downward and outward. In its very essence, that style of tool is destined to create problems. Unlike traditional punches, this tool has the bevel on the inside. This practically eliminates any external splitting and with this updated design, the pressure of the bevel is inward toward to the patch piece.

The simplicity of this heavy-duty tool is what makes it a true pleasure to use. This tool is excellent for use with all burl species. Please note that the brass handle will tarnish. We recommend a coat of spray lacquer (use according to directions) if you would like to keep the tool looking new.

**Warning:** Brass fittings and other products may contain chemicals known to the state of California to cause cancer, birth defects or other reproductive toxicity. We provide this warning based on our knowledge concerning the possible presence of one or more such chemicals, without attempting to evaluate the level of exposure. Visit www.p65warnings.ca.gov for details.



Caution: The edges of this tool may be extremely sharp. Use with care.

- 1. Not for use with veneers that exceed 1/40" thick.
- 2. Veneers must be treated with veneer softener (such as Super Soft 2<sup>™</sup>) a minute or two before punching out a veneer patch to make the cut cleanly and easily. No warranty is offered on this tool if use on veneers which have not been treated with veneer softener.
- 3. Place a small piece of soft wood lumber such as pine, poplar, or walnut under the veneer to be punched. Do not back the veneer with a hard wood such beech, birch, cherry, or maple. The tool edge is delicate and the tool steel will break if excessive force is used or if the wood behind the veneer is too hard.
- 4. Hold the tool carefully and keep your fingers away from the striking surface of the punch. Once the veneer has been sprayed with veneer softener, lightly strike the tool with a hammer to punch out a test patch piece on scrap veneer. A "dead-blow" or shot-filled mallet has been said to work very well.
- 5. If the punch does not make a full cut through the test veneer, try striking the tool with additional force. Do this to understand the amount of force required to make a clean cut without the use of excessive force which will damage the cutting edge of the tool.
- 6. Once the amount of striking force has been established, apply veneer softener to the defective area of the veneer sheet and use the tool to punch out the defect.
- 7. You can now place the keeper veneer over a sacrificial veneer sheet and use the punched-out hole as a window to see the grain on the bottom sheet of veneer. Slide the top veneer over the bottom sheet while looking for an ideal grain pattern that best matches the grain in the top/keeper sheet. Use a pencil to lightly mark the location on the bottom sheet once you've found an area that has a pleasing grain match.
- 8. Spray the sacrificial veneer with veneer softer and allow it to sit for one to two minutes.
- 9. Align the tool with the pencil marks on the sacrificial veneer and punch out the patch.
- 10. Set the patch into the punched hole in the good veneer sheet and apply a small piece of veneer tape (on the top surface) to hold it in place while being pressed.

## Warning: This Tool Contains Sharp Edges

Do not discard this instruction sheet. Safety should be your highest priority when working with this tool. It is your responsibility to make sure you use this tool in a safe manner and in accordance with all safety policies in the work area. Wear appropriate safety equipment including hand and eye protection while using this tool. Always store the tool inside the box. This product is distributed, but not manufactured, by VeneerSupplies.com.

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