

Final Finishing Techniques – Traditional Amber Urethane

Wet Sanding and Buffing

Bristol Finish gives you options

Bristol Finish Traditional Amber Urethane is designed to deliver a beautiful finish to your wood using standard application techniques, however there are also post- application procedures that may be used to eliminate minute defects from dust, as well as the blending of repairs. Wet sanding out small defects, then buffing out the sanding scratches back to a high gloss is a standard finish procedure for the most demanding applications.

Perform the standard application of Bristol Finish, applying 2 extra coats (up to 8). Allow to cure fully, usually one or two weeks, depending on factors such as temperature, humidity, air flow, and coating thickness. As a general rule, more time is required in cold weather, and less is needed in hot summer weather. More time may be allowed with no problem.

Wet Sanding

Start sanding with whatever grit is appropriate for the defect size, generally no coarser than 400 grit, and no finer than 600 grit wet-or-dry paper. Sand until completely smooth.

Remove any dust, and sand again with a grit increment of 200 higher than the previous, either 600 grit or 800 grit. and the final pass with 1000 or 1200 grit.

Wash the surface with clean water and towels to remove all of the dust and wet sanding sludge.

Buffing

We recommend the use of **3M** buffing, polishing and waxing compounds, simply because we know that they are top quality, we have experience with them, and we know that they work. Their full product line can be viewed at www.3m.com. There are of course many other manufacturers of this type of product.

Buff the sanded surface using either 3M Perfect-It Foam Polishing Pad or 3M Superbuff 2 Plus 2 Pad on a slow speed (1500 to 2500 RPM) machine.

Start with 3M Imperial Microfinishing Compound and buff overlapping areas (2' x 2' or smaller) until gloss is achieved. Follow the manufacturer's directions for use.

If further finishing is desired, use 3M Finesse-It Finishing Material. Again, follow the manufacturer's directions for use.

These steps will produce a high gloss, totally defect free surface. If desired, you may also use final finishing products such as UV resistant glazing and wax products.