

APPLYING GLUBOOST CA FINISH

Initial Sanding

Before getting started, if there is a deep ridge, gap, or hole, it can be filled in with Fill 'n Finish Thick (blue label) and a combination of shavings and sanding dust. Small holes can be filled with Thin (orange label) and fine dust. To start sanding, use a low grit sandpaper to smooth out any leftover turning marks or raised fillings. If there are significant high spots, you may want to remove by turning with light cuts and back the sandpaper with a straight block to maintain a level surface. Try to maximize the area of sanding. If using sanding strips, use a long strip at an angle, partially wrapping along the length of the workpiece.

Once there is a smooth surface, progress through higher grits. It is very important to inspect and make sure that all marks from previous grits are completely removed. If you reach 600 grit and a mark from 320 grit still exists, it is extremely difficult to remove it with 600 grit paper. Return to lower grit to remove deep scratches.

Avoid following the same patterns when sanding – this can reinforce a deep scratch. Try to sand without rhythm, varying lathe speed and sanding motions. Stop the lathe frequently to check for stubborn marks and apply extra sanding in those areas to eliminate them. Sanding along the work piece with the lathe off can also help remove stubborn sections.

To help progress with sanding, clean up the workpiece as much as possible after each grit step. Apply acetone or denatured alcohol to a paper towel to wipe of excess dust and leftover sanding material. These will evaporate quickly without damaging the wood and remove oils that can undermine the final finish. Do not use acetone if there is any plastic filler or inlay on your workpiece.



Applying GluBoost CA

Apply GluBoost with thin craft foam or heavy duty plastic bag, such as the bags that contain PSI pen kits. You can insert a folded paper towel on the bag to provide cushion during the application. With the lathe running at a comfortable speed, drip a pool of Fill 'n Finish Thick (blue label) onto the applicator surface and apply to the entire workpiece including any non-wood sections. Use moderate pressure to reduce ripples on the surface. Add additional CA while applying until surface is completely coated. Spray surface with GluDry Accelerator and allow surface to cure for a few minutes. You can test for dryness with the back of a fingernail. Wipe the workpiece to remove any residual accelerator. You can then apply additional coats using Fill 'n Finish Thin (orange label). Always use a fresh applicator for additional coats to prevent leftover cured product from coming off the applicator and adhering to the workpiece. Spray accelerator in between coats and wipe of excess before applying next coat. Once satisfied with coverage, allow GluBoost to cure a minimum of 15 minutes (overnight is better) before proceeding.

Final Polishing

Use 400 grit sandpaper to reduce any ripples along the surface until it is smooth. Do not sand aggressively! This step is just to remove high spots and create uniform surface. Once the surface is smooth, progress to higher grits through at least 600 (higher is better) taking the same steps as before. Use minimal pressure in lower grits and increase pressure with higher grits. This will reduce the chance of stubborn marks from lower grits. It is very important to remove all scratches from previous grits, but do not sand so much that the GluBoost is stripped from the surface, which would require re-application.

After sanding to maximum grit, switch to Ultrafine Polishing Paper or MicroMesh Pads. Polish from coarse to fine, using the same techniques as were used when sanding. When finished with polishing paper, use OneStep Plastic Polish to remove any remaining micro-abrasions. Use a generous amount and coat completely with lathe off. Turn on lathe and apply pressure with polishing cloth or paper towel - moving the cloth constantly and rapidly. Switch to a clean section of cloth or paper towel to remove polish and buff the surface to a final shine.

