

Wipe on Poly (polyurethane)

Advantages

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1. Quick to apply
2. Doesn't leave brush marks
3. Dust doesn't settle because it dries fast
4. No runs
5. Quick drying
6. Good for touch-ups

Disadvantages

1. Requires a pre sealer
2. Coats are very thin
3. takes longer than other finishes (more coats)
4. In most cases, too thin to buff

Procedure

1. **Prior to application, the wood must be sealed using a sealer (sanding) such as shellac.**
A shellac made up from dewaxed super blonde flakes dissolved in alcohol should be applied to wood that has been sanded to 320 grit or higher.
After application of sealer, the surface should be sanded back using 320 or higher.
Examine the surface to determine if thoroughly sealed.
A second or third coat may be necessary, especially on end grain, with final sanding.
2. **Using a clean dry "cotton" lint-free cloth, apply wipe-on poly (polyurethane) to the cloth and apply to the item to be coated, using uniform strokes, with the grain of the wood.**
A quick light coat is better than a very heavy coat since it will dry quicker reducing dust settling and also bubbles due to excess will be reduced.
Avoid going back to an area, unless done within seconds of first applying.
Avoid shaking the can before the application as this will cause a "froth" on the surface and possibly cause bubbles in your finish

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3. Every 3 hours, you can apply another coat in the same manner. If the surface is rough between any of these coats, I would sand using steel wool, synthetic steel wool, or 400+ grit of sandpaper.

Clean surface using a airpressure to get steel wool out of wood crevices, then use a tack rag, before applying the next WOP.

4. Because the coats are very thin, it is suggested at least 6 coats are applied.
5. For best results, use a clean applicator (rag) each time and be sure to let the rags dry by spreading out, and dispose of safely. (spontaneous combustion can occur if wet rags are placed in a confined area.)
6. You could use the lathe as an aid in holding the piece, but I do not recommend turning the lathe on.
7. There are 2 gloss options, one is gloss and the other is semi-gloss, however it is best to use gloss because you will see your efforts more clearly, and still have the option to cut it back with steel wool.

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