

HOW TO APPLY POLYURETHANE WITHOUT BRUSH MARKS

Step-by-step quick-start guide to a flawless brush-on polyurethane coating on unfinished furniture projects.

STEP 1



Optional belt sander. Sand rough surfaces with grain. Use 80 grit working up to 120 grit. If S2S lumber start at next step.

- S2S sanded two sides.

STEP 2

Sand with random orbital. Start with 120 grit working to 180 grit



STEP 3



Hand sand with grain to remove "C" swirl marks. Start with the 120 grit. Work up to 180 or 220 grit

Wipe with spirits to reveal hidden glue shadows or remaining "C" swirls and correct

STEP 4

Brush on Sealcoat. Let dry. Lightly sand with 220 grit. Wipe off dust and apply 2nd coat.

You should have a fairly smooth surface by now. Check your work for last corrections



STEP 5



Brush on 1-3 coats of polyurethane. Lightly sand between 1st & 2nd coats to smooth out any imperfections. Let each coat dry before sanding.

FULL INSTRUCTIONS AT

<https://sawsensei.com/polyurethane-coating-flawless-brush-on-results/>

TOOLS AND SUPPLIES



- **Belt sander (optional) with 80 and 120 grit paper**
- **Random Orbital (RO) Sander with discs grits 80, 120, 180, 220**
- **Sandpaper sheets 120, 180, and 220 grits with sanding block**
- **Mineral spirits (spirits)**
- **Turpentine (turp)**
- **Ammonia**
- **Glass jars-(2) for spirits and turpentine**
- **Latex gloves**
- **Seal Coat, Zinsser Bulls Eye 100% wax free shellac (I use clear)**
- **Semi-gloss or gloss oil-based brush on polyurethane. Minwax works for me, but General Finishes makes a really good one too.**
- **Brushes. Must be finish quality brush for oil-based stains. I've found the best brush for polyurethane is Purdy and really happy with the results I achieve with them**
- **Dust mask or respirator. Work outdoors if possible.**
- **Eye safety glasses**