

RJF Finishing Method 2018-02-12

FOR PLASTICS or RESINS

The finish starts with the turned surface it should be as smooth as possible with no chip-out. I use a Spindle Roughing Gouge, Skews, Spindle Gouges, Negative Rake Scrapers and finish with my Smoothing Scrapers. I am fussy about the turned finish and try to get it smooth and blend all curves. See this turning process on Youtube:

https://www.youtube.com/watch?v=d6I_y4Ne_ws&t=820s

SAND

Next Wet-Sand Using Abranet and Soapy-Water, (Water and washing up soap.)

Keep lots of soapy-water on it. (Dip Often)

Start as low as needed and go through the grits 240, 400, 600. and 1000.

You are looking for a smooth consistent finish when dried it is a matt dusty finish, not shiny.

See this sanding process on Youtube:

<https://www.youtube.com/watch?v=ncQaH1Fd2m0&t=48s>

Ford's Crystal Black *

Using a popsicle stick with a strip of paper towel or a 2" square of cotton cloth wrapped around the end. Take a drop of "Ford's Crystal Black" and coat the surface of the part, slow the lathe down for this. Now working the paper & stick back and forward work the paste into the surface with a light pressure, slowly increasing the speed. The abrasive materials will get finer and finer as the surface becomes polished. Slowly speed up to about 2,500 for a pen size part. Repeat this process if necessary.

Caution: Use a moist part of the towel, at high speed a dry paper towel can pickup and burn the surface.

With a fresh wrap of paper towel clean up and polish the surface with a drop of "Mothers" California Gold Carnauba Cleaner Wax. Use the same process as with the "Ford's Cristal Black".

See this polishing process on Youtube:

<https://www.youtube.com/watch?v=ncQaH1Fd2m0&t=48s> (The last half of Sanding)

BUFFING

Buff using the Blue buffing stick.

Use as & if needed. For a Glass-like finish.

See this buffing process and my Buffing Table on Youtube:

https://www.youtube.com/watch?v=AH32Xw6ns_s&t=6s

*If you don't have any Ford's Crystal Black you could micro sand up to 12,000 grit, try EEE, White Diamond Buff or use some other plastic polishing paste.
