
Posted by [ppkstat](#) on Wed, 23 Mar 2022 16:21:42 GMT

[View Forum Message](#) <> [Reply to Message](#)

Having received the two waveguides yesterday I soon realized that these have to be sanded and painted. They're completely fine as they are but if you're going for the max aesthetic result its something that has to be done.

The instruction of Wayne was to sand just the face of these in order to remove the parting lines without touching anything related to the flare and throat. With this in mind I decided to make the following setup: wet sanding with wet/dry sandpaper on a marble block:

This produced excellent results! I did the bulk of the sanding at 400 grit. The parting lines were gone and then I did some more sanding to make it completely flat (not necessary at all but my OCD was killing me). I then smoothed it out by sanding at 600, 800 and 1000 grit. I could go much higher than that, essentially polishing it but there is no way paint is not going to cover the scratches made at 1000 grit. Below is an image of the treated vs the untreated waveguide.

I even measured the thickness of the face before and after sanding. Turns out I removed around 0.2mm of material. Not bad!

File Attachments

- 1) [1648051763100.jpg](#), downloaded 616 times
 - 2) [1648051745251.jpg](#), downloaded 525 times
-