



illustris

MODELLING & 3D PRINTING

FINISHING FDM PRINTS

Thank you so much for your order! Now to build and paint your prop. Here are some tips on how to do so!

At Illustris Models, we print our FDM orders in PLA Filament unless otherwise stated in the product listing. PLA can be glued together with 2-part epoxy or superglue. For larger prints such as swords or spears, we model them with a hole for interior supports that you will have to purchase yourself. We recommend using aluminium rods because of how light they are, but wooden dowels also work well. The size you need will vary from prop to prop, so be sure to take a small section with you to the hardware store to test fit!

FDM printing often uses additional support/adhesion material that can leave dots, stripes, notches or rimmed edges on your prints. These can be removed with sand paper or a craft knife!

After removing this excess material and gluing your pieces together, you'll need to sand back those layer lines and seams. We recommend starting with 150 grit and moving up to 400 grit, scrubbing between layers. For seams, fill them with wall filler/putty. Following sanding, you'll want to do a few coats of filler primer, sanding away any bumps and lumps. Then you'll be ready for painting!

For orders in silk filaments, there's no need for finishing and painting - just glue the pieces and you're good to go!

If your print needs shaping, you can do so by heating the underside with a hair dryer/heat gun and carefully shaping it round.

To browse our full range, watch us build props and read up on blog posts, visit illustrismodels.com!