



How to:

To use different resins with your Form 2 printer, you'll need to follow specific steps, especially if you're using third-party resins. Here are some general guidelines:

Open Mode: For third-party resins, you need to enable Open Mode on your Form 2. This mode allows you to use resins not manufactured by Formlabs, but it disables some features like the resin level sensing and heating.

Resin Tank: Ensure you have a compatible resin tank. The Resin Tank LT is recommended for many resins, including Tough, Grey Pro, and Dental Resins.

Print Settings: Use the recommended print settings for the specific resin.

PreForm Software: When setting up your print in PreForm, select the appropriate material settings that match the resin you are using. for MD1200/ MD1100 To get the best, you'll need to dial in the exposure settings through some trial and error. Here are some general guidelines to get you started:

Layer Exposure Time: Start with an exposure time of around 2.5 to 3 seconds per layer. This is a common starting point for many resins.

Bottom Layer Count: Around 5-8 layers.

Bottom Layer Exposure Time: The bottom layers need more exposure to ensure good adhesion to the build plate. A good starting point is 30-40 seconds for the bottom layers.

Layer Height: Typically, a layer height of 0.05 mm is used for detailed prints for Models with Form 2. You can use layer height of 0.10 mm. Adjust this based on your specific needs.

Lift Speed and Retract Speed: These settings can also affect the quality of your prints. A lift speed of 60 mm/min and a retract speed of 150 mm/min are good starting points.

Reprogramming Resin Tank: If switching between different resins, you may need to reprogram the resin tank. Insert the cleaned resin tank and the new resin cartridge, then upload a model from PreForm with the new material settings.

Testing and Calibration: Always run a test print to ensure the settings are correct and the print quality meets your standards.