

## Step by Step - Using the Formlabs Form2 Printer

When you have created your Preform file with supports.

Save and transfer your file onto memory stick or external hard drive.

Go to the Form2 PC workstation in CC032.

Open the Preform Application.

Select *Form2* Printer.

Choose Material required for model (*tough/flexible/standard grey resin*).

Layer Thickness should be set to *0.1*.

Click *Apply* button.

Open your prepared Preform form file (file with structures).

Select Print.

Choose appropriate printer

1. ConcernedYak - Tough Resin
2. AlluringCobra - Flexible Resin
3. HonorablLouse – Standard Grey Resin
4. RareFarrow - Standard Grey Resin

Select *Send to Printer*.

This will provide details of how long the job will take and how much resin will be used

Time to pay Online at eshop (*eshop.solent.ac.uk/*)

Make a note of the *payment order number*.

Your print job will sit in the print queue, ready to release when you have paid.

When paid, provide the technician on duty with your *payment order number*.

The Print job can then be released to print.

Go to the Form2 Printer filled with appropriate resin tank

1. ConcernedYak - Tough Resin
2. AlluringCobra - Flexibe Resin
3. HonorablLouse – Standard Grey Resin
4. RareFarrow -Standard Grey Resin

Look for your *jobname* in the printer panel.

Press the blue *Print Now* button.

The printer will start to wam up and ask you to *open vent* on top of the printer.

Confirm the print by pressing the black button.

The panel will confirm the print duration.

When the print has finished, the technician will remove your model from the printer for you.

It will need 24 hours post processing which the technician will conduct for you.

Your model will be waiting for you at the designated collection point.

Further work is required on your model to snip off the supports.

This can be done in the 3D printing lab with the tray of tools provided, or in the comfort of your own surroundings with your own tools.