New Skeinforge settings for the ecksbot 2013 model.

Start by downloading the file "ecksbot_2013_Skeinforge_Settings.zip" and extract the files into a folder, we recommend a folder on your desktop for easier access.

After you have extracted the files open the folder to access the files. Next you will need to copy the "point 275" folder into the following folder "C:\Users\<Your profile name>\.skeinforge\Profiles\extrusion\".

Next: The alterations folder has the start and end code files that will be placed at the beginning and the end of your gcode files when they are sliced in Skeinforge. Before copying the alterations folder into .skeinforge you should open the startcode.gcode and the endcode.gcode files in a text editor i.e. Notepad and adjust the temperatures to suit your machine.

The startcode.gcode, hot end temperature is set using the M109 command to set the temperature and wait until the hot end normalizes.

The file is set to 250 degrees using M109 S250.0 ;set temperature and wait.
To change the temperature to suit your machine just change the numerals
E.g. M109 S245.0 ;set temperature and wait.
And then save the file.

(Also, Skeinforge does not have a print cooling feature. So, we have placed an M106 S127.0 code into the startup code that will set the initial speed of the print cooling fan to 50% (recommended minimum setting). This value can be changed from 0-255. Where anything under 100 seems to turn the fan off, 127 is 50% and 255 is 100% speed.)

The endcode.gcode file simply moves the hot end out of the way after the print has finished and resets the hot end and bed temperatures to start up settings. Change the M104 S250.0 to your startup hot end temperature and the M140 S105.0 to your to your startup heated bed temperature. And save the file

When both files are updated, copy the complete "alterations" folder into "C:\Users\<Your profile name>\.skeinforge\". These folders may be a little different for you depending on your operating system. If all else fails you can use the search feature on your computer to find the correct ".skeinforge" folder.

NOTE: If you still cannot find the ".skeinforge" folder open up Repetier and click on the "Slicer" tab. Next, click on the "Activate" button in the Skeinforge panel (Repetier 0.85b) or select Skeinforge in the "Slicer" drop down menu for later versions of Repetier. Now click the configure button. This will create the initial ".skeinforge" folders. Close and reopen Repetier and go back to the "Slicer" tab. You should now see an "ABS" profile located in the "Skeinforge" profile drop down. Proceed with copying the files into the proper folders.

After you have copied the files into the proper folders open Repetier. Click on the **Slicer** tab and click on the "Activate" button in the Skeinforge panel (Repetier 0.85b) or select **Skeinforge** in the "Slicer" drop down menu for later versions of Repetier*. Next, select the **point 275** in the "profile" drop down list. This will ensure that when you go to slice your next object the Skeinforge slicer will be used instead of Slic3r.

Notes:

- If the point 275 profile does not show up try closing and reopening Repetier.
- We recommend using Repetier 0.85b as it seems to slice objects faster and we have never had an issue using this version.

Before you start slicing your objects you will first need to change the temperature for the hot end and heated bed inside of Skeinforge. Click on the "Configure" button in the Skeinforge panel in Repetier. This will open up Skeinforge. Next make sure that the **Profile type** is set to "Extrusion" and the **Profile Selection** is set to "point 275".

First let's change the hot end temperature. Click on the "Temperature" button/tab. This will load the temperature settings for the hot end. Change every value in the "Temperature" panel to your machines extrusion temperature. It is likely close to 250.

Next, let's change the heated bed temperatures. Click on the "Chamber" button/tab. Change the **Bed Temperature (Celsius)** box to your beginning heated bed temperature setting. We recommend 105 as measured with the supplied thermocouple. Now, change the **Bed Temperature End (Celsius)** box to the temperature you would like to increase to over the first 8mm of the print. We recommend 115 as measured with the supplied thermocouple. If you choose not to increase the heated bed temperature as the printer progresses through your prints simply set these 2 boxes to the same temperature.

Click the "Save All" button and close Skeinforge. You can now use Skeinforge to slice up and print your objects.