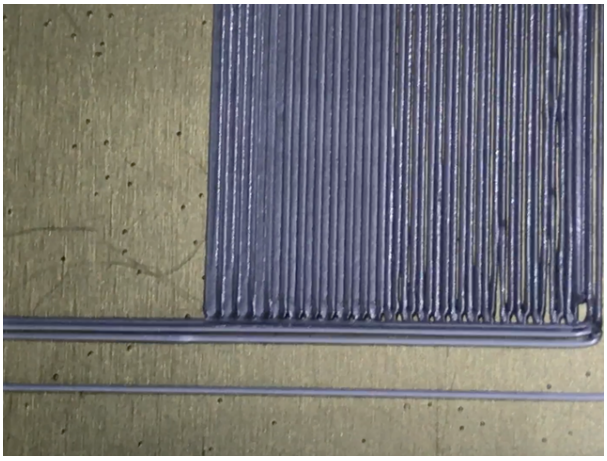

First Layer Calibration

GKMAKEIT

VIEW IN BROWSER

updated 13. 4. 2022 | published 3. 2. 2020

Summary

Video link: https://rumble.com/vb9fxr-3d-printer-first-layer-calibration-process.html

0.37 hrs	2 pcs	0.20 mm	0.40 mm	PLA	2 g	Prusa MK3/S/S+

3D Printers > Test Models

Tags: plate test calibration first build layer adhesion problem sticking

Video link:
https://rumble.com/vb9fxr-3d-printer-first-layer-calibration-process.html

This is a 3 x 3 inch square used to help calibrate that oh so important first layer. This seems to be one of the most problematic asked about questions with new people to the 3d printer community. I decided to make a simple test part and video to show the process. Hope this helps!

((There's a already sliced file for a Prusa Mini/Mini+))

(((Some have mentioned they need to run the calibration again when switching to a different material)))

Print instructions

If you can't use my gcode try to slice so it starts printing from the front and works backwards.

I would change the "fill angle" to 0(zero).

0.200mm layer height

PLA

Model files

3x3in-calibration-test-v3.3mf

3x3in-calibration-test-v3.stl

Print files

3x3in-calibration-test-v3_02mm_pla_13m_mk3.gcode

PLA 0.40 mm 0.20 mm 0.22 hrs 1 g Prusa MK3/S/S+

For MK3?MK3s

mini-3x3in-calibration-test-v3_02mm_pla_mini_9m.gcode

PLA 0.40 mm 0.20 mm 0.15 hrs 1 g Prusa MINI / MINI+

For MINI/MINI+

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