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Borosilicate Glass Instructions

AFINIA's Borosilicate Glass is a high temperature resistant glass and is the perfect platform for your H479 3D Printer. Based on the thickness and density of this glass, you never have to worry about the platform warping! Simply apply an adhesive (ABS/Acetone slurry or Kapton tape) to the Borosilicate Glass and start 3D Printing!

BENEFITS!

- Printing without the use of a raft
- Greatly reduces warping
- Finished models are easily removed from the glass once it has cooled down, no need for sharp tools

Acetone Slurry Instructions

NOTE: Since Borosilicate Glass is thicker than the Perf Board that comes with the AFINIA printer, please make sure to set your nozzle height in the Maintenance screen to accommodate for the new height.

What you will need: Acetone, ABS plastic (from the spool or leftover scraps), 1 air tight acetone resistant containers with lid, 1 nylon paint brush, and 1 piece of AFINIA's Borosilicate Glass.

Step 1 – Make the Slurry! Below is the recipe

Component	Amount, metric	Equivalent amount
Acetone	30ml; 23.7g	1 fl oz; 1/8 cup; 2 Tbsp; 16 drams; 0.21 Gills (UK)
ABS	2 grams	34 inches of 1.75mm filament; 0.07 oz (weight)

A 10:1 ratio by weight of Acetone to ABS will give good results in most cases.
Smaller prints may be able to use slightly less ABS, while using slightly more ABS for larger prints may give better results.

Step 2 – Give the Acetone about an hour to dissolve the ABS plastic. Make sure to shake or stir the slurry to make a consistent blend.

Step 3 – Apply a thin coat of the "Slurry" to the Borosilicate Glass with the nylon paint brush and allow to dry for a couple of minutes.

Step 4 – Preheat the platform, place the Borosilicate Glass on the platform and start printing!