



Dual-Sided Textured PEI Plate for A1mini



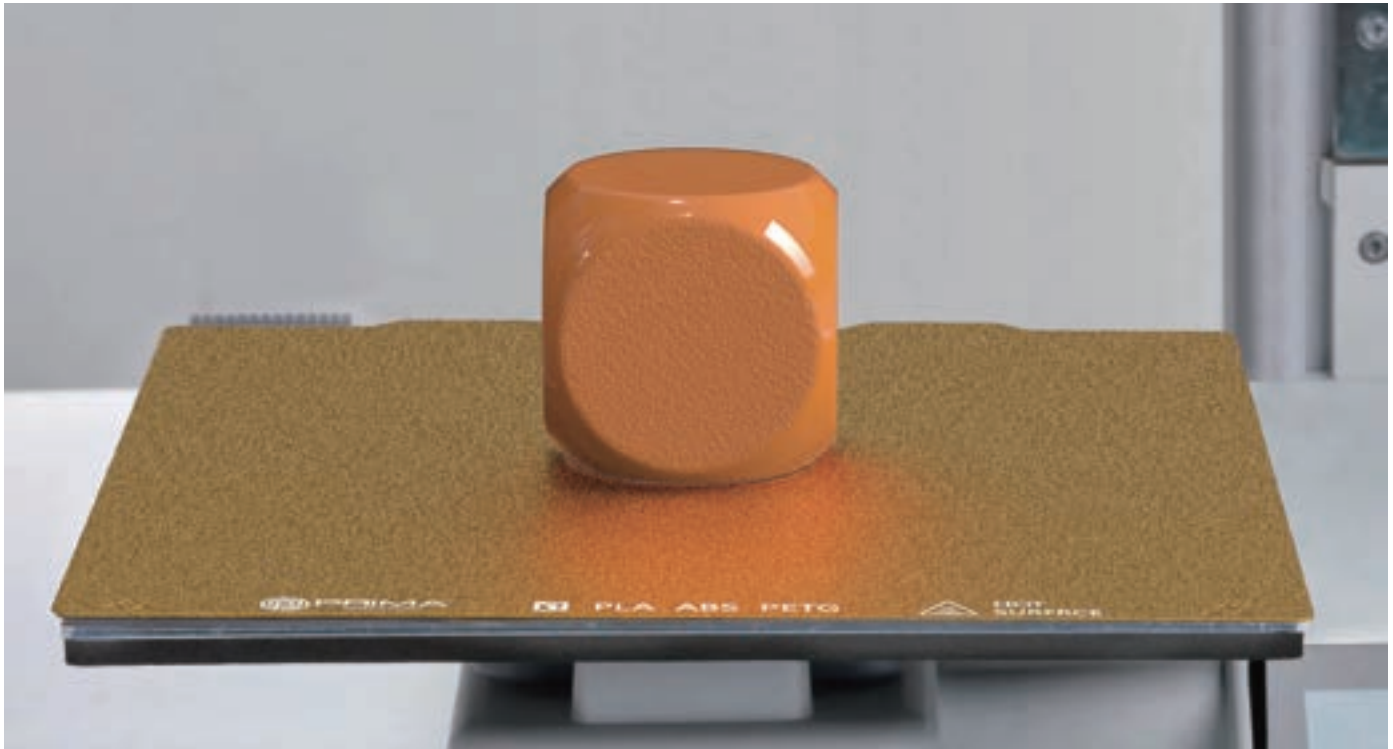
PRIMA Dual-Sided Textured PEI Plate

- Excellent first-layer adhesion
- Texture surface finish
- Compatibility with various filaments, especially for PLA





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Recommended Settings

Please note that other slicer settings might need to be adjusted based on the printed model and the filament requirements

Materials	Heatbed Temperature	Glue Stick Required?
PLA/PLA-CF/PLA-GF	45-60°C	No
PETG/PETG-CF	60-80°C	Glue Stick/Liquid Glue
TPU	35-45°C	Glue Stick/Liquid Glue
PVA	45-60°C	Glue Stick/Liquid Glue

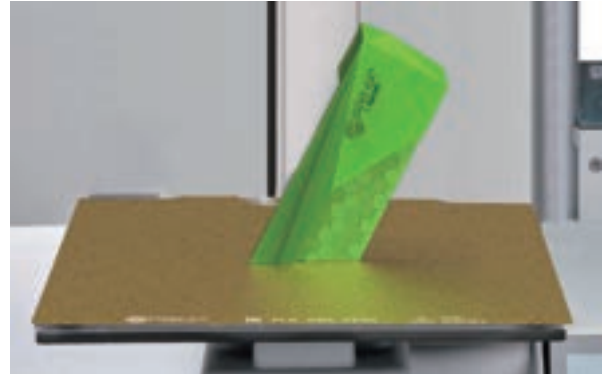
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Excellent first-layer adhesion, Improved durability

After optimizing the manufacturing process of the PrimaCreator Texture PEI Plate, the durability of the plate is enhanced.

Additionally, the adhesion between the prints and the plate is significantly improved, eliminating the need for adhesives.

*In some situations, glue is required for very specific filaments



Self-release when cooled down

PEI is an excellent material for 3D printing applications due to its ability to withstand the repeated heating and cooling cycles of a printer heatbed. Prints come off easily when the temperature of the heatbed reaches room temperature, and we always recommend waiting until it reaches 35°C or lower. If the print is still adheres to the plate, simply bend the steel plate and the model will fall right into your hands.

Textured surface finish

PrimaCreator Texture PEI Plate offers a one-of-a-kind first-layer surface. Through the application of a powder-coating process, this PEI Build Plate creates a rugged texture that adds a texture to your prints.



Compatibility with various filaments, especially for PLA

PEI enables printing with common materials such as PLA, TPU, PETG and PVA.

*Please apply liquid glue or a glue stick to prevent the sheet from tearing if print filament other than PLA.

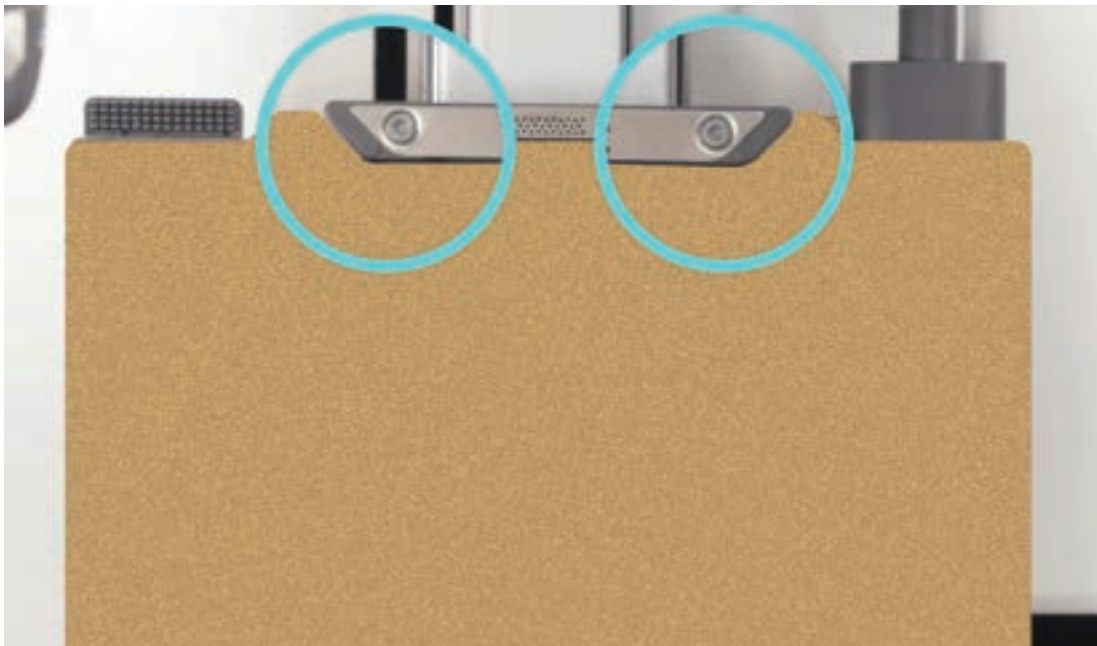


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Considerations

- Increasing the temperature of the heatbed enhances the adhesion of the filament to the build plate. Users can adjust the temperature of the heatbed or apply glue if additional adhesion is needed.
- During the printing process, dust and grease on the surface of the build plate can negatively impact material adhesion. It is recommended to regularly clean the surface with detergent and water to eliminate any dust or grease residue first. If it doesn't work, clean the surface with alcohol.
- Wait until the build plate fully cools down to prevent damage to the plate and prints when removing the printed parts.
- Do not clean the plate with acetone, as it will damage the PEI surface.
- Carefully sanding the surface with fine-grit (600 was recommended) sandpaper can help restore adhesion.

Installation Steps



Step 1: Align the plate with the fixed points of the platform with the name of the plate facing you



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Step 2: Lower the plate and secure to the magnetic platform



Product Specification

Material	PEI powder coating+ Stainless Steel Plate
Surface temperature resistance	Up to 180°C
Flexible stainless steel plate thickness	0.4 mm
Textured PEI coating thickness	0.075 mm
Usable print size	180*180 mm
Package size	208*221*10 mm
Package weight	230 g
Color	Gold