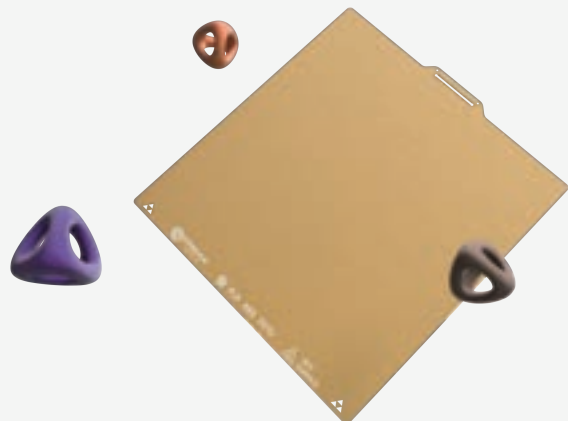# Dual-Sided Textured PEI Plate for X1/P1/A1

PrimaCreator Dual-Sided Textured PEI Plate

Strong adhesion and effortless print removal for a superior printing experience

- ●Excellent first-layer adhesion
- ●Improved durability
- ●Compatibility with various filaments

PRIMA™
-CREATOR-

Dual-Sided Textured PEI Plate for X1/P1/A1

Recommended Setting

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

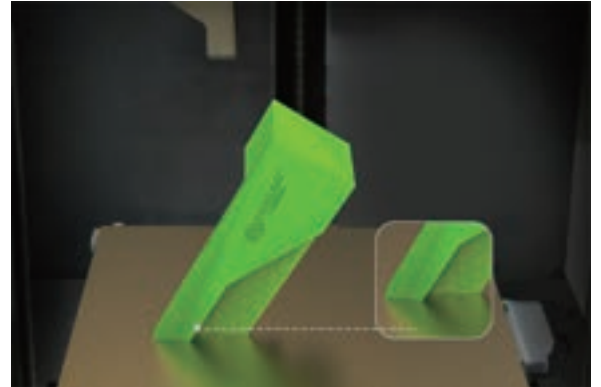| Materials	Heatbed Temperature	Glue Stick Required?	Upper Glass Cover Plate Removed
PLA/PLA-CF/PLA-GF	45~60℃	No	Yes
ABS	90~100℃	No	No
PETG/PETG-CF	60~80℃	No	No
PET-CF	80~100℃	No	No
TPU	35~45℃	Yes	Yes
ASA	90~100℃	No	No
PVA	45~60℃	No	Yes
PC/PC-CF	90~110℃	Yes	No
PA/PA-CF/PAHT-CF	90~110℃	Yes	No

Dual-Sided Textured PEI Plate for X1/P1/A1

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 needfor adhesives.
*In some situations, glue is required for veryspecific filaments
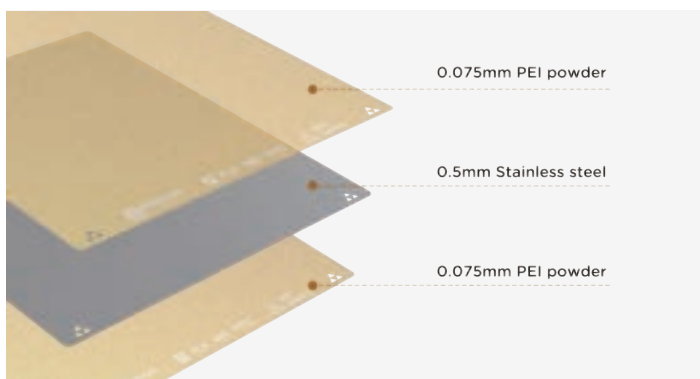
Self-release when cooled down

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℃ 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.

Compatibility with various filaments

PEI allowing it to print not only common materials such as PLA, TPU, and PETG, but also materials that require high temperatures like ABS and Nylon.

0.075mm PEI powder

0.5mm Stainless steel

0.075mm PEI powder

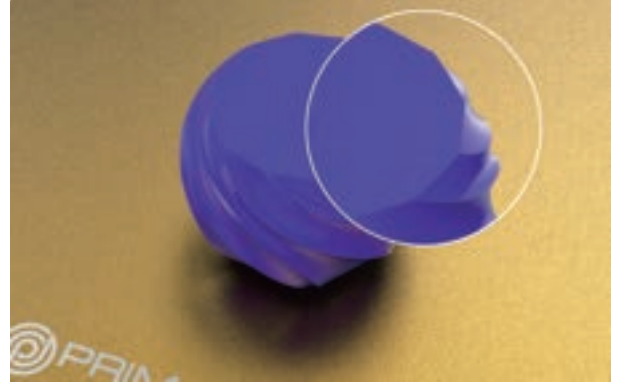## Prevent warping with reliable magnetic adhesion

The PrimaCreator Texture PEI Plate features a 0.5mm thick stainless steel plate that enhanced magnetic adhesion. This helps to prevent warping and ensure optimal print quality during 3D printing, reducing the likelihood of the first layer detaching due to deformation. It also helps when printing larger models in materials that are prone to warping like ABS,PC and Nylon.

Dual-Sided Textured PEI Plate for X1/P1/A1

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 printing.
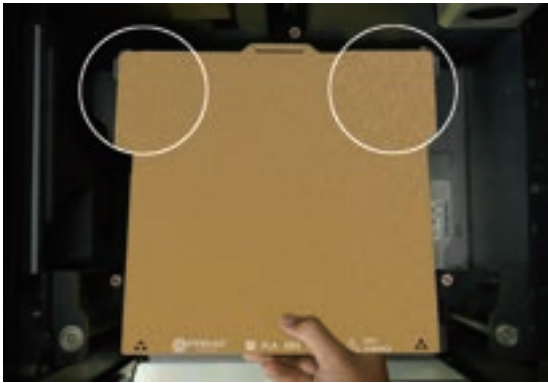

Considerations

- Increasing heatbed temperature enhances adhesion. Users need to adjust the temperature of the heatbed based on their specific requirements in order to achieve the most suitable level of adhesion.

- Before auto-leveling, it is necessary to repeatedly rub the nozzle in the special wiping area of the build plate to completely remove any residual material at the tip of the nozzle. The coating in the special-designed wiping area will gradually become worn over time. This is normal and does not affect print quality or nozzle lifetime, so there is no need to worry about any quality issues.

- Deposition of dust and grease on the build plate decrease adhesion. It is recommended to regularly clean the surface with detergent and water to to maintain best adhesion.

- Do not clean the Textured PEI with Acetone, as it will damage the PEI surface.

- Always wait for a few minutes before removing printed models to allow the plate to cool down for easy print removal. This prevents damage to the plate and ensures a long lifetime of the product.

- Carefully sanding the surface with fine-grit (600 was recommended) sandpaper can help restore adhesion.

- PrimaCreator PEI build plate support Bambu's automatic calibration process.

- The Textured PEI plate is considered a consumable part, which will degrade over time. The warranty will only cover manufacturing defects, not cosmetic damage like scratches, dents, or cracks. Defective sheets upon arrival are the only ones covered by the warranty.
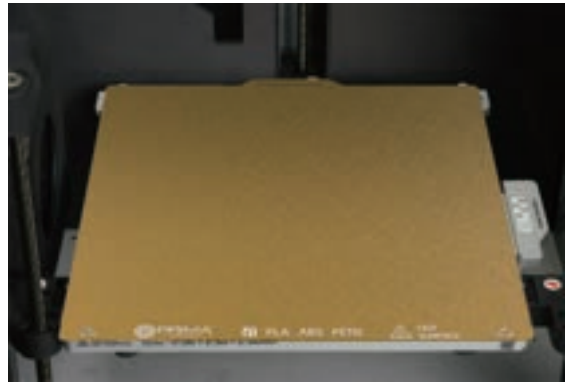
Dual-Sided Textured PEI Plate for X1/P1/A1

Installation Steps

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

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

Product Specification

Material	PEI powder coating+ magnetic Stainless Steel Plate
Surface temperature resistance	Up to 180℃
Flexible stainless steel plate thickness	0.5 mm
Textured PEI coating thickness	0.075 mm
Usable print size	256*256 mm
Package size	300*280*10 mm
Package weight	450 g
Color	Gold