

PrintBite Instructions

Installation

Apply to 3mm mirror glass, machined aluminium plate, or toughened glass.

Application to normal 2mm window glass is not advised. Borosilicate glass is also not advised as it has significantly different expansion rates which can cause breakage of the glass when heated.

Do not apply directly to aluminium heaters.

Clean the glass thoroughly. Make sure glass and work area is dust free. Peel back some of the white backing paper (roughly 1/4 to 1/3 of sheet), line up the edge of the PrintBite surface with the edge of your bed material and rub down firmly working from one edge to the other to avoid trapped air.

Pull the backing paper off some more, repeat as above until you have worked across the whole surface.

Once fitted it is advisable to heat cycle the bed to 100c a couple of times to ensure the adhesive has fully cured.

Usage

Use temps approximately 10-15 degree above your usual temperatures. For example, to Print ABS use 240-245c nozzle temp, and 110-115c bed temp. Material type, brand and quality can influence your optimal settings as can print bed construction and heating efficiency.

Note: Top surface temp is usually below the indicated temperature, and a difference of 15c or more can exist. If you get adhesion issues, increase bed and or nozzle temps gradually until adhesion is reliable.

Tips: You may need to do some test prints to dial in your settings. Ensure you have reliable Z height calibration. Avoid touching print surface with fingers where possible. Prints will self release once the bed has cooled off. If you find Prints don't self release, you may want to increase your Z zero height adjustment.

Never run your printer unattended and ensure suitable power cabling is used throughout your machine.

Cleaning

We recommend use of disposable kitchen towel slightly dampened with acetone on the cold bed. Wipe clean, and then repeat with fresh kitchen towel as a secondary wipe. A non smearing window cleaner such as Windex can also be used.

Alternatively, a mild diluted soap/washing liquid solution can be used as described above. Ensure to wipe dry with kitchen towel.

Do not use isopropyl alcohol or brake cleaner or other harsh industrial cleaners as these will reduce adhesion and may damage the surface.