



The ideal 3D printing surface



Easy To Install



Optimal 3D
Printing Surface



Heat Resistant



Durable &
Long Lasting

Installation:

1. Wipe down your bare build platform making sure it is clean and free of debris.
2. Trim the BuildTak sheet to match the size of your build plate (if not already).
3. Remove the white adhesive liner and apply the BuildTak sheet to the bare build plate. Start from one edge of the build plate and work your way to the other edge, smoothing the BuildTak sheet with a credit card or decal applicator.
4. Re-level your surface and ensure that the nozzle height is properly set (see reverse side of this document)

Tips: To ensure the longevity of the BuildTak sheet, use a spatula or palette knife with smooth/rounded corners. Avoid using solvents, such as acetone, to clean it. DO NOT exceed 125°C print bed temperature. Take steps to prevent crashing the hot nozzle into the BuildTak sheet. If your 3D printer has an autoleveling mechanism, run when nozzle is cool (if possible).



Nozzle Height/Leveling:

When it comes to nozzle height (i.e. the gap between the nozzle and BuildTak sheet), we've found there's a sweet spot that allows for optimal adhesion/removal of printed parts. To achieve the best performance of your BuildTak sheet it is crucial that you discover the optimal nozzle height for your 3D printer and settings. Here are some tips:

- Printing with the nozzle too close to the BuildTak sheet and/or "smooshing" the first layer of your print (like you would with blue tape or kapton) may result in builds adhering too well making it very difficult to remove and/or can damage the sheet.
- To find the sweet spot, it is always better to start with the nozzle height higher than what you might be used to with other solutions.
- We recommend starting at a safe nozzle height of about .25mm (or the thickness of a typical business card) and run a test print, paying close attention to the first layer.
- You will know the nozzle is too high if the extruded filament doesn't adhere firmly to the BuildTak sheet. In this case, simply reduce the nozzle height incrementally, test printing each adjustment until you get the desired adhesion. Proper first layer should adhere firmly appearing flat but not "smooshed".
- Note that changing your settings or parameters (nozzle temp, material used, print speed, etc.) may require re-discovery of the optimal nozzle height.

For more tips or info, please visit the support page on our website:

www.buildtak.com | www.buildtak.eu

The benefits and any technical information, recommendations and other statements contained in this document are based upon tests or experience that Ideal Jacobs Corp. believes are reliable, but the accuracy or completeness of such information is not guaranteed.

THE MATERIALS, PRODUCTS AND SERVICES OF IDEAL JACOBS CORP, ITS SUBSIDIARIES AND AFFILIATES ("SELLER"), ARE SOLD SUBJECT TO SELLER'S STANDARD CONDITIONS OF SALE, WHICH CAN BE FOUND AT <http://www.buildtak.com/terms/> AND ARE AVAILABLE UPON REQUEST. ALTHOUGH ANY INFORMATION OR RECOMMENDATION CONTAINED HEREIN IS GIVEN IN GOOD FAITH, SELLER MAKES NO WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, (I) THAT THE RESULTS DESCRIBED HEREIN WILL BE OBTAINED UNDER END-USE CONDITIONS, OR (II) AS TO THE EFFECTIVENESS OR SAFETY OF ANY DESIGN INCORPORATING SELLER'S PRODUCTS, SERVICES OR RECOMMENDATIONS. EXCEPT AS PROVIDED IN SELLER'S STANDARD CONDITIONS OF SALE, SELLER SHALL NOT BE RESPONSIBLE FOR ANY LOSS RESULTING FROM ANY USE OF ITS PRODUCTS OR SERVICES DESCRIBED HEREIN. Each user is responsible for making its own determination as to the suitability of Seller's products, services or recommendations for the user's particular use through appropriate end-use testing and analysis. Nothing in any document or oral statement shall be deemed to alter or waive any provision of Seller's Standard Conditions of Sale or this Disclaimer, unless it is specifically agreed to in a writing signed by Seller. No statement by Seller concerning a possible use of any product, service or design is intended, or should be construed, to grant any license under any patent or other intellectual property right of Seller or as a recommendation for the use of such product, service or design in a manner that infringes any patent or other intellectual property right.