



CTI PAPER USA

Glama Natural®

Naturally Translucent Printing Papers

Foil Stamping & Embossing Hints

Glama Natural® Translucent Printing Papers are easy to foil stamp and emboss when following these simple hints. We recommend you pre-test all procedures prior to press time to ensure you achieve the desired results.

Handling: Keep Glama Natural wrapped in mill packaging until the moment of printing. It is essential to let the paper acclimatize in the press room for a minimum of 24 hours — longer during cold weather. Also keep Glama Natural covered during drying, between passes and prior to any finishing work. Pressroom conditions should be as close as possible to 68 degrees and 45-60% relative humidity. If the bindery has a different climate than the pressroom, allow the paper to acclimatize to those conditions. Should you experience a curl problem it is most likely temperature or humidity related. We recommend printing in small lifts and frequent airing of lifts. Avoid using on-press heat and drying systems.

Foil Stamping: Ask your foil supplier about Glama Natural products specifically. Pre-test every foil/paper combination and any unfamiliar procedures and ensure that proper time, temperature and pressure are utilized.

Temperature: Glama Natural usually foil stamps best at higher temperatures, between 280° and 300° F.

Pressure: Pre-test foils on Glama Natural to achieve good adhesion. Generally, you should use more pressure than normal for a given foil coverage.

Make-Ready Board: You should experiment with your options of make-ready boards to find the best combination for your project. Consult with your foil supplier and pre-test. For larger foil areas, sometimes a softer board can be preferable, but you must experiment based on your choice of foil. With some foils, a harder make-ready board works best.

Dwell Time: For best results, run Glama Natural slightly slower than normal.

Production Tip: Because Glama Natural is a very non-porous sheet, sometimes gases can be trapped between the foil and the sheet during stamping, causing blistering. Adding a layer of emery cloth to the make-ready board can perforate the sheet enough to allow the gas to escape, enhancing the job quality. If you use this tip, be sure to look at the back side of the sheet to be sure the pattern is acceptable and always pre-test your procedures.

Embossing: Glama Natural produces an exceptional and unique embossed image. Because the sheet is very dense, a softer hit — less pressure — will produce a nice effect. Typically, there will be a soft white line around the edge of the embossed image. When embossing, the deeper and sharper the die, the more the white effect is achieved within the embossed area. To lessen the white effect, make your emboss impression rounder and more shallow. Be sure to use beveled edges on the die to avoid cutting the paper, and avoid extremely deep embossing.

Note: The above recommendations are "hints" based on our knowledge and experience. CTI Paper USA and its affiliates do not accept responsibility for omissions or pressroom errors. Email printing@thepapermill.com or call 800-284-7273 for additional assistance.