



CTI PAPER USA

Splendorlux® Cast Coated Papers Printing & Handling Hints

Splendorlux® Cast Coated Colors and Mirror surfaces are easy to print on when following these simple hints. We recommend you pre-test all procedures prior to press time to ensure you achieve the desired results.

Inks: The cast coated surfaces of Splendorlux have been sealed with a clear overprint varnish and therefore have a totally non-absorbent surface. For optimum results, we recommend inks that dry by oxidation and are 100% VOC free. On dark colors, minimize the ink film thickness for optimal printing using UCR or GCR. Please consult your ink manufacturer prior to printing.

Handling: Keep Splendorlux 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 Splendorlux 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.

Reverse: Splendorlux has a lightly coated backside recommended for full-color process. Printing solids and heavy coverage on the reverse may require more than one pass of the press and should be pre-tested to ensure you achieve the desired results. Use low-solvent (0-5%), oil-based inks. Print the matte side first if printing both sides.

Delivery: For optimum results, set jogger pressure to a minimum and lifts at 3 to 5 inches.

Varnish: Low-solvent (0-5%) varnish is optional as a surface protector but not required to enhance the high-gloss quality of Splendorlux. Pre-test for compatibility.

Fountain Solution: Run water at minimum levels with a minimum pH of 4.0; Splendorlux has a surface pH of 7. Solid or multiple color bars can be used to assist in removing water and aid in set time.

Cutting: Use extreme care when cutting Splendorlux. Use a sharp knife with minimum clamp pressure. To achieve a clean edge, back trimming is essential. Wipe the newly cut edge with a clean, soft, glycerin-saturated cloth.

Scoring and Folding: To properly score Splendorlux, start with a rounded 2 point channel score. The matrix channel should be a minimum width of 2.5 times the caliper of the sheet to be scored, plus 28/1000". Always score, fold and bind with the grain direction.

Foil Stamping and Embossing: Splendorlux surfaces have a clear overprint varnish that can adhere to embossing dies. We recommend using embossing film between the die and front of the paper to improve release. Choice of foils is important, as some will work much better than others. Large foil areas are more challenging than small areas. Always pre-test to find the ideal foil, temperature and pressure for the job.

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.