



CTI PAPER USA

Kromekote®

Cast Coated Colors

Printing & Handling Hints

Kromekote® Cast Coated Colors 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: Kromekote Cast Coated Colors are 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.

Handling: Keep Kromekote 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 Kromekote 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.

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

Varnish: Low solvent (0-5%) varnish or aqueous coating is optional as a surface protector but is not required to enhance the high-gloss quality of Kromekote. Use an aqueous coating formulated for non-absorbent surfaces on colored side. Pre-test for compatibility.

Fountain Solution: Run water at minimum levels with a minimum pH of 4.5-5.2; Kromekote has a surface pH of 5.5. Solid or multiple color bars can be used to assist in removing water and aid in ink set time, particularly when printing within minimal coverage.

Cutting: Use extreme care when cutting. 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.

Reverse: Kromekote Cast Coated Colors have an uncoated backside recommended for line art and halftones. 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.

Scoring and Folding: To properly score Kromekote, start with a 2 point rounded 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.

Rainbow and Rainbow PLUS Holographic Foils: The holographic image may exhibit numerous visual defects which are normal. We are unable to show examples of every potential defect as the types of defect, their intensity and their incidence will vary from sheet to sheet and run to run.

Foil Stamping and Embossing: Kromekote Cast Coated Colors have a clear overprint varnish that can adhere to embossing dies. We recommend you use embossing film between the die and the 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.

The hints above do not apply to Kromekote Cast Coated C/1S & C/2S White, which are available separately.

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