

PHOTOBASE PAPERS
Magiclée® Siena Pearl™

Textured Microporous Photobase Paper
Pearl Finish

Making all Great Images Count



magiclée

www.magicinkjet.com

MARKET APPLICATIONS

- Art and Photo Reproduction
- POP Displays
- Posters
- Signage

PRODUCT DESCRIPTION

- 10.8 mil, 266 gsm microporous photobase paper
- Textured, pearl finish
- Thermal and piezo water-based compatible; dye or pigment
- Not intended for outdoor use, but the coating offers limited water resistance.

GENERAL AVAILABILITY

<u>Siena Pearl™</u>	<u>Part #</u>
24" x 10'	70434*
24" x 100'	70435
36" x 100'	70434
42" x 100'	70437
50" x 100'	70438

Core = 3"
*Core = 2"

FEATURES & BENEFITS

- Long-lasting, stable ink jet images
- Vibrant colors
- Quick-dry capability
- Desirable textured surface with pearl finish
- Instant dry times
- Optimized for pigment inks, which offer an image less subject to light fade. Compatible with dye and pigment, thermal and piezo printers.

MEDIA COMPATIBILITY

Designed to offer exceptional print performance on Hewlett-Packard DesignJet® series, Epson Stylus® Pro series, Canon iPF 8000 printers, and other thermal and piezo systems.

- * For complete Magic® product set, refer to Magic Printer Compatibility Chart under Technical Support on www.magicinkjet.com.
- * For additional product details – including printer settings and finishing guidelines – see Application Guide under Tech Support of www.magicinkjet.com
- * For ICC profile availability, see www.magicinkjet.com

Phone: 1-800-628-8604

Fax: 1-800-861-4128

Disclaimer: Information presented in this product sellsheet is intended to offer a useful reference in selecting media for your output. No media warranties are implied unless specifically mentioned. Printer and / or ink changes may affect results. The most current product information may be found at www.magicinkjet.com.

Date: February 2010

InteliCoat Technologies®

MAGICLEE® / MAGIC® APPLICATIONS GUIDE

MagicLée

Siena Pearl™

InteliCoat



Digital Imaging
Substrates

Textured Pearl Universal Photobase

Siena Pearl is the latest addition to the Siena line of photobase products. Siena Pearl is a 10.8 mil textured photobase paper that has a pearl finish. Siena Pearl is compatible with thermal and piezo waterbase ink jet printer systems, with dye and pigment inks. The universal coating provides vibrant colors and instant dry times, even with pigment inks. This product will produce longlasting, stable, ink jet images.

PHYSICAL PROPERTIES

Gloss (60°)	9
Caliper	10.8 mil 275.4 microns
Basis Weight	266 g/m ² 7.8 oz/yd ²
Whiteness	113
Brightness	98
% Opacity	97

APPLICATIONS GUIDELINES

Printer and Ink Compatibility: Siena Pearl photobase paper may be used on most thermal and piezo water-based printing systems such as: Hewlett-Packard DesignJet®, Epson Stylus®, Encad Novajet®, Colorspan® Displaymaker series, and Canon® iPF series. Both dye and pigment inks can be used. Ink dry times will be dependent on ink saturation level and humidity.

Printer Settings: To optimize print quality, printers should be set for the highest print quality or photobase print mode. The recommended media settings are: "Durable Gloss UV" in HP5000 series, "High Gloss Photo" for HP1000/2000/3000 series, "Glossy Photo" for Canon iPF series, "Premium ID Glossy Photo" for HPZ3100/6100, and "1400 dpi or "Photo" for water-based piezo printers. Ink saturation limits can vary due to ink types, ink drop volume and humidity, so ink saturation levels should be optimized for specific printer, ink and software combinations. Over saturation will result in paper cockle and possibly head strike. Siena Pearl photobase paper works best in an environment between 18-30°C or 65-86°F and between 30-80%RH. Longer ink dry times will occur at higher RH environments.

Color Calibration: ICC color profiles may be obtained for selected RIP, ink and printer combinations on the magicinkjet web page. Profile solutions are continually being generated, so consult the web page for current availability.

Image Stability: Pigment inks offer a more stable image from light & oxidative fade. Due to the nature of microporous coatings, dye-based ink images will fade quicker than images printed on non-microporous coatings. The fade can be avoided if prints are laminated after printing, which prevents the oxidation related fade.

Material Handling: Careful handling after printing is recommended. Although the material is not intended for outdoor use, the coating does offer limited water resistance.

FINISHING RECOMMENDATIONS

Lamination: This product can be overlaminated with most cold laminates and low temperature laminates, but cold are preferred and give better adhesion results. When the paper is overlaminated with heavy gauge laminates and either mounted to a board or encapsulated, overlap the image with a 0.25 inch safe edge of laminate. This will seal the paper, preventing moisture absorption and paper splitting from the undue stress of the heavy gauge laminating films. Use laminates of equal gauge when encapsulating to prevent image curl. Overlaminating will decrease the rate at which the images fade, but due to the optical characteristics of the material, dye-based ink density may appear less vibrant when laminated. Lamination can be done immediately after printing as long as the image is dry to touch, where inks do not smudge or smear to the touch. Avoid direct contact of image side to lamination rolls as sticking may occur. Cold, pressure-sensitive adhesives typically provide the most aggressive bonds and are recommended for use with this product.

USA
28 GAYLORD STREET
SOUTH HADLEY MA 01075-2894

©2010 InteliCoat Technologies.
All rights reserved.

InteliCoat Technologies

For more information, call 1-800-628-8604,
or visit our website: www.magicinkjet.com

*Most updated version of this guide can be obtained on our website.

02/12/10