PHOTOBASE PAPERS:

Magiclée® Siena 200L & 200G

Resin-Coated, Microporous Photobase Papers

Lustre & Glossy

Making all Great Images Count

www.magicinkjet.com

MARKET APPLICATIONS

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

PRODUCT DESCRIPTION

- 8 mil, resin-coated photobase paper
- Microporous coating
- Lustre or gloss surface
- Bright white
- Thermal and piezo printer compatible

GENERAL AVAILABILITY

Siena 200L	Part #	Siena 200G	
17” x 100’	66245	17” x 100’	66246
24” x 10’	70398	24” x 10’	70396
24” x 100’	64070	24” x 100’	64077
36” x 100’	64071	36” x 100’	64078
42” x 100’	64072	42” x 100’	64079
44” x 100’	64073	44” x 100’	64080
50” x 100’	64074	50” x 100’	64081
54” x 100’	64075	54” x 100’	64082
60” x 100’	64076	60” x 100’	64083

Core = 2”

Features & Benefits

- Instant-dry on most printers
- Superior pigment color gamut
- Excellent ease of handling during printing and lamination
- Premium feel – medium weight

MEDIA COMPATIBILITY

Can be used on most thermal and piezo water-based printing systems – including Epson Stylus®, Hewlett-Packard Design Jet®, and Canon iPF series.

Pigment inks are recommended for longer lasting images.

* For complete Magiclée® product sets, refer to the Printer Compatibility Chart under Technical Support on www.magicinkjet.com.

* For additional product details – including printer settings and lamination guidelines – see Application Guide under Tech Support of www.magicinkjet.com

* For ICC profile availability, see www.magicinkjet.com

Phone: 1-413-539-5731
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: December 2010

MAGICLEE®/ MAGIC® APPLICATIONS GUIDE

Siena 200L & Siena 200G

RESIN COATED PHOTOBASE PAPER

Siena 200 products are 8 mil, high quality, resin-coated photobase papers with a universal microporous coating available in both luster and gloss finishes. The Siena photobase papers are designed to provide instant dry times on most high speed thermal and piezo waterbased ink jet systems with dye and pigment inks. Product features include superior pigment color gamut and ease of handling during printing and lamination. Applications include photo reproductions, signage, posters, and POP displays.

PHYSICAL PROPERTIES

Gloss (60°) . . . . 50% (Gloss) . . 17% (Luster)	Whiteness 106
Caliper . . . . . 8.0 mil . . . .200 microns	Brightness 92
Basis Weight . . . 202 g/m² . . . 5.9 oz/yd²	% Opacity 95

APPLICATION GUIDELINES

Printer and Ink Compatibility: Siena 200 products may be used on most thermal and piezo water-based printing systems such as: Hewlett-Packard, Epson Stylus, and Canon® iPF series. Both dye and pigment inks may 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. For the HPZ6100, Vivera; ID Glossy, Photo, best. For the HPZ3100, Vivera w/ RGB; Glossy, Photo, best. For Epson 7800 PK/K3/UC; Prem Glossy 250, fast, fine. For Canon 6000's, Lucia F series; Glossy Photo, std. Use Glossy Photo/std for Canon 8000 series. 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 200 products work best in an environment between 18-30°C or 65-86°F and between 30-70%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 immediately after printing, which prevents the oxidation related fade.

Material Handling & Storage: Careful handling after printing is recommended. Although the material is not intended for outdoor use, the coating does offer limited water resistance.Unimaged material should be stored at 72°F (+/-5°) for no longer than 1 year in the original packaging.

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

InteliCoat Technologies

For more information, call1-800-628-8604,
or visit our website: www.magicinkjet.com

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

07/29/10