

# Z-Advance unique 100 gsm



- Upon request available in FSC quality.

## Properties

### Transpromotional printing/direct mail/Educational book printing

Z-Advance unique is the first high-speed inkjet paper which is coated online and specially developed for drop-on-demand inkjet applications (pigmented ink systems). It is hallmarked by its low ink consumption, which is controlled by a new coating colour concept that fixes the ink direct to the surface of the paper. First-rate colour density and low shinethrough make the paper an ideal choice, particularly in the lower weight range. This cuts mailing costs without impacting on print performance. Z-Advance unique is particularly suitable for educational book printing and direct mail applications with pigmented inks. Printed matter is immediately ready for further processing after printing and enjoys excellent smear and water resistance. The paper's outstanding processing properties ensure top performance for further processing. Ultra-white Z-Advance unique provides a fifth colour for your printing that makes for excellent contrast in there production of photo-realistic images. The perfect accompaniment for advertising and printing. Z-Advance unique is a superlative processing properties guarantee its ease of use along the entire value chain.

### Applications

- High-performance 4-colour inkjet printing (pigmented)

### Special features

#### Special approvals

- Kodak Versamark VL 2000/4000 etc
- OCE Jetstream 1100/2200
- OCE CS 3500
- Screen Truepress Jet 520
- Ricoh, InfoPrint 5000
- Impika iPrint 75
- HP T200/T300
- Fuji Xerox 2800 Inkjet Color

## Features

- High brightness
- Exceptional colour density
- Excellent contrast
- Sharp contours and lines
- Very good opacity
- Both sides printable
- Fast drying
- Superior ink fixation
- Low shine-through

## Compliance with special standards

Quality assurance / security systems  
Aging properties

ISO 9001:2008/OHSAS 18001:2007  
ANSI/NISO Z.39.48-1992, ISO 9706-1994, DIN 6738-1992

## Environmental compliance

Forest certification programmes  
Environmental quality systems/certificates  
Pulp quality  
Sizing

ISO 14000, FSC 024310  
ISO 14001:2004, FSC SQS-COC-024310, EMAS  
ECF/TCF pulp, woodfree  
acid-free, neutral sizing

## Physical properties

Grammage  
Thickness

Smoothness (Parker Print Surf)  
Brightness  
CIE whiteness

Opacity

Ash content  
Surface pH value  
Relative humidity

Unit	Value	Control methods
g/m <sup>2</sup>	100 ± 2	ISO 536
µm	105 value as experience shows	ISO 534
µm	4.25 ± 0.5	ISO 8791/4
%	111.5 ± 1	DIN 53145
%	165 value as experience shows	ISO 11475
%	95 value as experience shows	DIN 53146
%	12.0 ± 1	ISO 2144
%	7.3 ± 0.5	SVI-EMPA 12
%	40 ± 5	ISO 287

## User tips

Temperature 20 ± 3 °C  
Relative humidity 50 ± 5 %

