

# Z-Infinity satin 100 gsm



- Upon request available in FSC quality.

## Properties

### Direct mail/Educational book printing

Z-Infinity is a satin finished paper. First-rate colour density and low shine through make the paper an ideal choice, particularly in the lower weight range. This cuts mailing costs without impacting on print performance. Z-Infinity 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-Infinity provides a fifth colour for your printing that makes for excellent contrast in the production of photo-realistic images. The perfect accompaniment for advertising and printing.

### Applications

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

### Special features

#### Special approvals

- Kodak Versamark VL 2000/4000 etc
- Kodak Propser Press
- OCE Jetstream 1100/2200 (dye inks)
- OCE CS 3500 (dye inks)
- Impika iPrint 75
- HP T200/T300

## Features

- Neutral whiteness
- 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  
  
Brightness  
CIE whiteness  
Opacity  
  
Ash content  
Surface pH value  
Relative humidity  
Gloss Tappi 75°

### Unit

g/m<sup>2</sup>  
µm  
  
%  
%  
%  
  
%  
  
%  
%  
%

### Value

100 ± 2  
86 value as  
experience shows  
103 ± 1  
130 ± 2  
98 value as  
experience shows  
21.0 ± 2  
7.3 ± 0.5  
40 ± 5  
30 value as  
experience shows

### Control methods

ISO 536  
ISO 534  
  
DIN 53145  
ISO 11475  
DIN 53146  
  
ISO 2144  
SVI-EMPA 12  
ISO 287  
Tappi T480

## User tips

Temperature  
Relative humidity

20 ± 3 °C  
50 ± 5 %