

# Z-Plot 650

# 90 gsm



- Upon request available in FSC quality and CO<sub>2</sub> neutral

## Properties

Premium inkjet paper treated on both sides for use in colour CAD and GIS printing and for transactional and transpromotional applications.

### CAD/GIS

Plotter paper for laser and inkjet plotters (LFP) and colour CAD plots + GIS. Perfect for high contrast at midrange resolution. Very good wet smear resistance! Both sides printable! Ideal all-round paper for everyday use. The surface treatment guarantees very good results for both lines and solid area plots. Ink does not bleed and dries immediately. Pigmented ink (black) adheres to the surface very well and is immediately smear resistant. This greatly facilitates subsequent processing (folding). The extra-white finish guarantees top contrast.

### Transactional/transpromotional printing

Z-Plot 650 is the ideal paper for four-colour transactional and transpromotional printing and for direct-mail applications. Z-Plot 650 is compatible with all high-performance inkjet printing systems using pigmented or dye-based ink systems. Inkjet printing is immediately resistant to water and smearing and can therefore be processed further without waiting. The excellent processing properties of Z-Plot 650 guarantee its problem-free use along the entire value-added chain.

## Applications

- |                             |                            |
|-----------------------------|----------------------------|
| • Offset printability       | see processing information |
| • Laser printers (reels)    | ***                        |
| • Inkjet (mono)             | ****                       |
| • Inkjet (colour)           | ****                       |
| • Copiers (mono)            | **                         |
| • Copiers (colour)          | **                         |
| • Thermal transfer          | -                          |
| • Flexo printing            | -                          |
| • Handwriting pen/Nylon pen | *                          |

## Special features

- Large-format copiers
- Colour copiers
- High-performance 4-colour inkjet printing

## Special approvals

- CBS2
- Kodak Versamark certificate (VL2000)
- Screen Truepress 520
- IBM InfoPrint 5000
- Pitney Bowes
- Impika 600
- Océ Jetstream 1100/2200

## Features

- high brightness
- excellent contrast
- exceptional colour density
- outstanding brilliance
- very good opacity
- special calendering
- ink does not bleed
- suitable for laminating
- both sides printable
- sharp contours and lines
- wet smear resistant
- fast drying
- excellent dry rub-off

## Special norms fulfilled

Quality assurance system/Security system  
Aging properties  
Other

ISO 9001:2008/OHSAS 18001:2007  
ANSI/NISO Z.39.48-1992, ISO 9706-1994, DIN 6738-1992  
BfR XXXVI (analysis for the conformity with the demands on food contact materials)

## Environment programs

Forest certifications  
Environmental quality systems  
Pulp quality  
Sizing

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



### Physical properties

Grammage  
Thickness

Smoothness (Parker Print Surf)  
Brightness  
CIE-Whitness

Ash content  
Opacity

Surface pH value  
Relative humidity

#### Unit

gsm  
 $\mu\text{m}$

$\mu\text{m}$   
%  
%

%  
%

%

#### Value

$90 \pm 2$   
105 value as  
experience shows  
 $4.50 \pm 0.5$   
 $111.5 \pm 1$   
165 value as  
experience shows  
 $10.0 \pm 1$   
95 value as  
experience shows  
 $7.3 \pm 0.5$   
 $40 \pm 5$

#### Standard

ISO 536  
ISO 534  
ISO 8791/4  
DIN 53145  
ISO 11475  
ISO 2144  
DIN 53146  
SVI-EMPA 12  
ISO 287

### User tips

Temperature  
Relative humidity

$20 \pm 3 \text{ }^\circ\text{C}$   
 $50 \pm 5 \%$

### Processing

Adhesive laminating \*

Aluminium laminating \*\*

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#### Legend

\*\*\*\*excellent \*\*\*very good \*\*good \*adequate - no details

Subject to alteration at any time as a result of technical improvements. Status: 02.2011