



NATURAL DESIGN



Mixed Sources

Product group from well-managed forests and other controlled sources

www.fsc.org Cert no. SGS-COC-24310 © 1996 Forest Stewardship Council

Z-Offset W

60 gsm

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

### Properties

Top-quality, ecologically adjusted, natural shade creative offset paper as an alternative to extra-white offset papers. The W in the name means it helps preserve our woods and forests.

Z-Offset W sets new standards in the graphics industry with its elegant natural shading, premium quality and low environmental impact. It provides perfect offset quality and a pleasant colour tone. In addition, Z-Offset W and Z-Copy W can be combined ideally together. Companies that attach importance to ecological considerations in respect of their corporate image and therefore aim to build their corporate identity on natural white paper need look no further than Z-Offset W for the ideal solution. Z-Offset W is therefore frequently used as a creative paper.

### Applications

- Offset printability \*\*\*\*
- Laser Printer (reels) \*\*\*\* (b/w)
- Ink-Jet \*\*
- Copier (mono) \*\*\*\*
- Copier (color) \*\*
- Thermal transfer -
- Flexo Print \*\*\*\*
- Hand writing pen / Nylon tip \*\*

### Special features

- envelope paper

### Special approvals

- EN-V12-281

### Features

- chlorine free
- constant high-grade quality
- high opacity
- natural white tone
- no added brighteners

### Special norms fulfilled

Quality assurance system/Security system  
Aging properties  
Others

ISO 9001:2000/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: ISO 14000, EMAS or FSC  
Environmental quality system  
Pulp Quality  
Sizing

ISO 14000, EMAS or FSC  
ISO 14001:2004, FSC-SQS-COC-24310  
ECF-pulp, FSC mixed sources  
acid-free, neutral sizing

### Physical properties

Grammage  
Thickness

gsm  
µm

Smoothness (Parker Print-Surf)  
Brightness  
Ash content  
Surface pH-Value  
Relative humidity

µm  
%  
%  
%  
%

### Value

60 ± 2  
80 value as  
experience shows  
5,50 ± 0,25  
88 ± 1,5  
14,0 ± 1  
7,3 ± 0,5  
33 ± 5

### Control methods

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

### User tips

Temperature  
Relative humidity

20 ± 3 °C  
50 ± 5 %

### Processing

Adhesive laminating  
Aluminium laminating

\*\*  
\*

Attention: This paper is produced with a relative humidity for laser printing!

### Legende

\*\*\*\*super \*\*\*excellent \*\*good \*adequate -no information

Subject to modification at any time resulting from technical improvement. Status: 03.2010



www.zieglerpapier.com