



NATURAL DESIGN



Mixed Sources

Product group from well-managed forests and other controlled sources

www.fsc.org Cert no. SGS-COC-24310
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Z-Offset W

80 gsm

- Upon request available in FSC quality and CO₂ 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
Smoothness (Parker Print-Surf)
Brightness
Opacity
Ash content
Surface pH-Value
Relative humidity

| | Value |
|-----|-------------|
| gsm | 80 ± 2 |
| µm | 105 ± 5 |
| µm | 5.50 ± 0,25 |
| % | 88 ± 1,5 |
| % | > 87,0 |
| % | 12,0 ± 1 |
| % | 7,3 ± 0,5 |
| % | 33 ± 5 |

Control methods

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

User tips

Temperature 20 ± 3 °C
Relative humidity 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