



Z-Offset W

120 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) -
- Ink-Jet \*
- Copier (mono) -
- Copier (color) -
- Thermal transfer -
- Flexo Print \*\*\*\*
- Hand writing pen / Nylon tip \*\*

**Special features**

- envelope paper

**Special approvals**

**Features**

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

**Special norms fulfilled**

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

**Environment programs**

Forest certifications: ISO 14000, EMAS or FSC	ISO 14000, FSC 024310
Environmental quality system	ISO 14001:2004, FSC-SQS-COC-024310, EMAS
Pulp Quality	ECF/TCF-pulp
Sizing	acid-free, neutral sizing

**Physical properties**

	Value	Control methods
Grammage	120 ± 3	ISO 536
Thickness	155 ± 8	ISO 534
Smoothness (Parker Print-Surf)	5,50 ± 0,5	ISO 8791/4
Brightness	88 ± 1,5	DIN 53145
Opacity	> 94,0	DIN 53146
Ash content	12,0 ± 1	ISO 2144
Surface pH-Value	7,3 ± 0,5	SVI-EMPA 12
Relative humidity	45 ± 5	ISO 287

**User tips**

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

**Processing**

Adhesive laminating	**
Aluminium laminating	-

Legende

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

Subject to modification at any time resulting from technical improvement. Status: 10.2010

