

Z-Offset | Z-Mail Supra 140 gsm

- Upon request available in FSC quality and CO₂ neutral

Properties

Super-white offset paper for demanding applications. 110 gsm for outdoor posters.

Z-Offset is renowned for its consistently high level of quality, whiteness, opacity and bulk. Accurate cutting and a precise surface structure guarantee outstanding processing on all offset printing machines. The same paper is designated Z-Mail Supra, is perfect for conversion into envelopes due to excellent sizing, superior printability and high level of opacity. A special grade produced in 110 gsm is suitable for outdoor poster applications and is particularly resistant to water and moisture. All weights in White-Line are the same shade so it is always possible to combine content and envelope for a perfect match. Z-Offset in 300 and 400 gsm weights is bonded.

Application

- 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

- constant high-grade quality
- high brightness
- high opacity
- high volume

Special norms fulfilled

Quality assurance system/Security system
 Aging properties
 Others

ISO 9001:2000/18001:2007
 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 system
 Pulp Quality
 Sizing

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

Physical properties

Grammage
 Thickness
 Smoothness (Parker Print-Surf)
 Brightness
 CIE-Whiteness

 Opacity
 Ash content
 Surface pH-Value
 Relative humidity

gsm
 µm
 µm
 %
 %

 %
 %
 %
 %

Value

140 ± 2
 185 ± 5
 5,50 ± 0,25
 111,5 ± 1
 165 value as
 experience shows
 > 98
 12 ± 1
 7,3 ± 0,5
 45 ± 5

Control methods

ISO 536
 ISO 534
 ISO 8791/4
 DIN 53145
 ISO 11475

 DIN 53146
 ISO 2144
 SVI-EMPA 12
 ISO 287

User tips

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

Processing

Adhesive laminating **
 Aluminium laminating *

Legende

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