

Technical specification sheet

Ball & Doggett

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Product: Envirocare 100% Recycled - Digital

Category: Small Format Digital - Uncoated Paper

Mill: Lenzing Papier

Website: www.lenzing.com

Country of Origin: Austria

Technical specifications:

Basis Weight	g/m ²	70	80	90	100	115	135	150	250	300
Thickness	µms ISO 534	91	102	117	130	150	175	195	275	330
Smoothness Bekk	DIN 53 107	18-30	18-30	18-30	18-30	18-30	25-38	25-38	25-38	18-30
Opacity	% ISO 2471	≥ 87	≥ 89	≥ 91	≥ 93	≥ 94	≥ 96	≥ 97	-	-
ISO Brightness	% R457	79	79	79	79	79	79	79	79	79
CIE Whiteness	% ISO 11475	90	90	90	90	90	90	90	90	90
Rel Humidity Offset	%	45	45	45	45	45	45	45	45	45
Rel Humidity Preprint	%	30	30	30	30	30	30	30	30	30
Porosity ml/min	DIN 53 120/1	≤ 700	≤ 700	≤ 850	≤ 850	≤ 850	≤ 850	≤ 850	-	-
Cobb 60	G/m ² ISO 535	≤ 30	≤ 30	≤ 30	≤ 30	≤ 30	≤ 35	≤ 35	≤ 35	≤ 35

These characteristics are average values supplied for guidance purposes

Certificates

- Blue Angel Award, Nordic Swan, EU Eco-Label, ISO 14001 Environmental Management System.
- ISO 9706 Long Life, ISO 9001 Quality Management System.

Recommended Printing Tips

- For best results, high densities of inking on press are recommended. Allow for longer drying time. Under colour removal (UCR) is recommended, please discuss with your printer to achieve optimum results. Scoring recommended over 200gsm.

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Print & Finish Suitability

- | | | |
|--|--|---|
| ☒ Creasing | ☒ Foiling | ☒ Laser |
| ☒ Die-Cutting | ☒ Folding | ☒ Scoring |
| ☒ Digital | ☒ Inkjet | ☒ Varnishing |
| ☒ Embossing | ☒ Film Laminating | ☒ Screen Ruling: 150-200 lpi |
| ☐ Other: HP Indigo | | |

Applications

- | | | |
|---|--|--|
| ☒ Annual Reports | ☒ Direct Mail | ☐ Outdoor Use |
| ☒ Brochures | ☒ Folders | ☒ Packaging |
| ☒ Corporate Identity | ☐ Invitations | ☒ Presentation Material |
| ☐ Other: | | |

Fibre

- | | |
|-------------------------------|--|
| ☐ Virgin: | ☒ Recycled
Manufactured with 100% recycled fibre (sourced from mills local area) |
|-------------------------------|--|

Forestry Certification

- | | | |
|--|---|---|
| ☐ FSC Mixed Sources | ☐ FSC 100% Recycled | ☐ SFI Certified |
| ☐ FSC Mixed Sources/Recycled | ☐ PEFC Certified | ☐ Mill's own procurement policy |

Recycled

- | | | |
|---|--|---|
| ☒ Post Consumer Waste: 75% | ☒ Pre Consumer Waste: 25% | ☒ Fibre Source: 75% printed reject composed of mid grades, 20% higher grades (partly printed), 5% own waste from recycled paper production |
|---|--|---|

Whitening Process

- | | | |
|--|---|--|
| ☐ Elemental Chlorine Free | ☐ Totally Chlorine Free | ☒ Process Chlorine Free |
| ☒ Other: L Manufactured without the use of optical brightening agents | | |

Environmental Awards or Accreditations

- | | | |
|--|---|---|
| ☒ ISO 14001 EMS | ☐ EMAS | ☒ Blue Angel |
| ☒ Nordic Swan | ☒ Eu Eco-label | ☐ NAPM |
| ☐ Green Seal | ☒ Eugropa | ☒ Other: European Flower Award |

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Energy

Carbon Neutral Manufacture: Envirocare 100% Recycled is NOT an offset carbon neutral product, however high use of renewable energy, recycled fibres and Lenzings' highly efficient production process mean Envirocare 100% Recycled is made with a very low carbon footprint. Further details in Additional information.

Renewable Energy: Mill source 86% of their total energy requirements from renewable energy

Water, Air & Waste

Water: Lenzing operate a water waste management system. Full details are available on request

Air: Mill operate a collect & recovery process. Full details of this air purification program are available on request.

Waste: No landfill leaves Lenzing Papier, all by-product are used for fuel or re-sold for other uses.

Additional Information

Lenxing Papier is a fully integrated recycled paper mill. Set in the small town of Lenzing (Austria) the mill has a very high focus on protecting the surrounding pristine natural environment. A key focus of the Lenzing team is to continuously reduce their own carbon footprint, rather than purchase carbon credits. As of August 2009 the production of one ton on Lenzing recycled paper produces 189 Kgs of CO₂. This very low footprint is achieved through the use of recycled fibre, operational efficiency and renewable energy. For your copy of The Lenzing Environmental Fact Book please enquire with your nearest Ball & Doggett sample department.

Congratulations on making an environmentally responsible paper choice.

If you would like to include a product attribution statement on the back of your work, please submit your request to your nearest sample department or contact your sales representative.