

Product: ecoStar+ 100% Recycled - Uncoated Digital

Category: Small Format Digital - Uncoated

Technical specifications:

Product description

By Choosing ecoStar+, you will never have to make a choice between whiteness and environmental credentials. ecoStar+ is the innovative range of extra-white 100% recycled papers. With FSC Recycled certification, ecoStar+ offers an smooth surface, consistent finish, excellent printability and outstanding opacity

Advantages

- High whiteness – CIE 150 rating
 - Manufactured with 100% Post consumer waste
 - European Union Eco Label certification
 - Carbon Neutral*
- Manufactured under ISO 14001 Environment management standard

Weight Range

- 80, 90, 100, 120, 140, 160, 200, 250, 300 & 350gsm

Sheet Sizes

Available in the following sheet sizes: **450x320**

Printing recommendations

- Guaranteed for Offset litho
- Sheets suitable for letter press
- Suitable for use in mono and color laser printers
- Recommended fount solution pH 5.5 +/- 0.5
- Suitable for sheet offset, heat set web offset, laser and narrow web offset presses
- Suitable for IR-drying and UV-curing
- Suitable for all offset, UV and acrylic varnishes

Converting recommendations :

- Suitable for blind embossing - avoid sharp edges on tools
- Suitable for hot-foil blocking / cold foil blocking
- Suitable for die cutting and perforation
- Folding pre-creasing recommended for >150 gsm
- Suitable for Clamps, wire thread and adhesive binding

		80	90	100	120	135	160	200	250	300	350
Basis weight	g/m ² ISO 536	80 ± 3	90 ± 3	100 ± 3	120 ± 4.0	135 ± 5	160 ± 4	200 ± 6	250 ± 5	300 ± 8	350 ± 10
Caliper	µm ISO 534	106 ± 3	119 ± 3	130 ± 4	154 ± 4	181 ± 5	196 ± 5	264 ± 8	318 ± 6	380 ± 8	450 ± 10
Opacity	% ISO 2471	93.0 ± 1	94.0 ± 1	96.5 ± 1	97.5 ± 1	98 ± 1	98.5 ± 1	99.0 ± 1	100	100	100
Moisture abs.	% ISO 287	4.6 ± .6	4.6 ± .6	4.6 ± .6	4.6 ± .6	4.6 ± .6	5.2 ± .6	5.2 ± .6	5.2 ± .6	5.2 ± .6	5.2 ± .6
Brightness UV	% ISO 2470	104.0 ± 3	104.0 ± 3	104.0 ± 3	104 ± 3	104 ± 3	104.0 ± 3	104.0 ± 3	104.0 ± 3.0	104 ± 3	104 ± 3
CIE Whiteness	% ISO 11475	150 ± 3	150 ± 3	150 ± 3	150 ± 3	150 ± 3	150 ± 3	150 ± 3	150 ± 3.0	150 ± 3	150 ± 3

Product meets EN 12281, requirements for copy paper for dry toner imaging processes and DIN6738, ageing resistance. Production processes are certified according to ISO 9001, ISO 14001 and OHSAS 18001. Standard measurement uncertainty between laboratories is not incorporated.

This specification is valid for one year after issue or good till cancelled.

Technical specification sheet

Ball & Doggett

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Applications

- | | | |
|--|---------------|-------------------------|
| ● Annual Reports | ● Direct Mail | ○ Outdoor Use |
| ● Brochures | ● Folders | ● Packaging |
| ● Corporate Identity | ● Invitations | ● Presentation Material |
| ● Other: CSR & environmental reports, artbooks, catalogues, luxury magazines, greeting cards, menus, letterheads, transactional printing etc | | |

Industries

- | | |
|--------------------------|-------------------------------|
| ● Government departments | ● Environmental organisations |
| ● NGO | ● Fashion |
| ● Sustainability market | ● Utilities |

Certifications



The mark of responsible forestry

FSC® Recycled certified
(No. FSC-C021878)



DIN 6738



REACH