

# Product Specification Sheet



**Product:** ecoStar+ 100% Recycled Uncoated - Digital

**Category:** Small Format Digital | Uncoated

## 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 a 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
- Acid Free: Produced in pH neutral and low alkaline sphere (pH value 8-9)

## 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

## Weight Range

80, 90, 100, 120, 135, 160, 200, 250, 300 & 350gsm

## Sheet Sizes

Available in the following sheet sizes:

**450x320**

		80	90	100	120	135	160	200	250	300	350
<b>Basis weight</b>	g/m <sup>2</sup> ISO 536	80 ± 3	90 ± 3	100 ± 3	120 ± 4.0	135 ± 5	160 ± 4	200 ± 6	250 ± 5	300 ± 8	350 ± 10
<b>Caliper</b>	µm ISO 534	106 ± 3	119 ± 3	130 ± 4	154 ± 4	181 ± 5	196 ± 5	264 ± 8	318 ± 6	380 ± 8	450 ± 10
<b>Opacity</b>	% 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
<b>Moisture abs.</b>	% 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
<b>Brightness UV</b>	% 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
<b>CIE Whiteness</b>	% 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.

## Certifications



REACH

FSC® Recycled certified  
(No. FSC-C021878)