










# conqueror<sup>®</sup>

## 100% recycled




### The RANGE

<b>Finishes</b>	<p>Conqueror 100% recycled CX22          Conqueror 100% recycled WOVE          Conqueror 100% recycled LAID</p>				
<b>Colors</b>	<p>Diamond White recycled          Brilliant white recycled</p>				
<b>Weights</b>	<p>100, 120, 160, 220, 300, 320gsm</p>				
<b>Size</b>	<p>21 X 29,7cm (A4), 45 x 64 cm (SRA2), 70 x 100 cm (B1)</p>				
<b>Watermark</b>	<table border="0" style="width: 100%;"> <tr> <td style="text-align: center; vertical-align: top;"> <p>conqueror 100% recycled</p> <p><i>CX22 and Wove</i></p> </td> <td style="text-align: center; vertical-align: top;">  <p><i>Laid</i></p> </td> </tr> </table>	<p>conqueror 100% recycled</p> <p><i>CX22 and Wove</i></p>	 <p><i>Laid</i></p>		
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<b>Enveloppes</b>	<p>DL (W) in Wove, Laid, CX22</p>				
<b>Printing guarantees</b>	<table border="0" style="width: 100%;"> <tr> <td style="text-align: center; vertical-align: top;">  <p><b>Total Office Guarantee 100g - 160g</b>            Guaranteed for pre-printing and subsequent use on all office desk-top colour or mono, laser or inkjet machines as well as copiers and digital all-in-ones, subject to manufacturers' guidance on grammage and use.</p> </td> <td style="text-align: center; vertical-align: top;">  <p><b>Desk-top Guarantee 100g - 160g</b>            Guaranteed for pre-printing and subsequent use on all desktop mono and colour, laser and inkjet machines subject to manufacturers' guidance on grammage and use.</p> </td> </tr> <tr> <td style="text-align: center; vertical-align: top;"> <p><i>CX22 and Wove</i></p> </td> <td style="text-align: center; vertical-align: top;"> <p><i>Laid</i></p> </td> </tr> </table>	 <p><b>Total Office Guarantee 100g - 160g</b>            Guaranteed for pre-printing and subsequent use on all office desk-top colour or mono, laser or inkjet machines as well as copiers and digital all-in-ones, subject to manufacturers' guidance on grammage and use.</p>	 <p><b>Desk-top Guarantee 100g - 160g</b>            Guaranteed for pre-printing and subsequent use on all desktop mono and colour, laser and inkjet machines subject to manufacturers' guidance on grammage and use.</p>	<p><i>CX22 and Wove</i></p>	<p><i>Laid</i></p>
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<b>Applications</b>	<p><b>Business stationery :</b>          Letterhead, flyers, press release, business cards, compliment slips</p> <p><b>Corporate communication :</b>          Brochures, annual report, environmental charts</p> <p><b>Advertising and Promotion :</b>          Mailings, direct marketing, invitations, cards</p>				

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### Conqueror 100% recycled and the environment

100% recycled fibres	100% made from <b>postconsumer de-inked</b> paper waste Exclusive selection of papers made by Greenfield <b>No use of Chlorine</b>
FSC certified	 <p>COC number : TT - COC - 002043</p>
Carbon Neutral	<p>In the UK and in Germany</p>   <p>CarbonNeutral.com CO<sub>2</sub> emissions reduced to net zero in accordance with The CarbonNeutral Protocol</p>
Full mill certifications	ISO 9001 Quality management ISO 14001 EU environmental management/certification scheme

### KEY benefits

PREMIUM	<p>The recycled paper that does not look recycled :</p> <ul style="list-style-type: none"> <li>→ High level of brightness, cleanness, whiteness</li> <li>→ Conqueror quality and touch : best sellers CX22, Wove and laid, now available in 100% recycled versions</li> <li>→ Excellent bulk and opacity</li> <li>→ Very low level of dusting for an excellent printability</li> </ul>
UNIQUE	A unique and dedicated process in our Greenfield mill : special selection of the fibres, optimised de-inked process, tailored-made very strict quality control
ENVIRONMENTAL	100% made from postconsumer waste, FSC certified, CarbonNeutral (in the UK and Germany), + mills certifications Each time you use 1 tonne of Conqueror 100% recycled, rather than a non

recycled paper, you

→ save 33m<sup>3</sup> of Water (7 months of a single person consumption)

→ decrease by 25% energy consumption

## RECOMMENDATIONS

<b>Printing</b>	Lithography, Letterpress, Thermography, Die Stamping, Foil Blocking, Embossing, Screen Process, Laser Printing and InkJet Printing
<b>Reprographics</b>	Use Screen ruling from 133 lpi to 200lpi depending upon the image and paper texture. Typically 150 - 175 lpi work well for most imagery.
<b>Ink</b>	Use laser suitable conventional positive drying inks for all textures except CX22 which requires fully oxidising inks for good drying.
<b>Varnish</b>	Protecting varnishes may be used. Decorative varnishes must be applied through the UV screen process and repeated to achieve desired effect.
<b>Finishing</b>	Die cutting, laser cutting, creasing and folding, perfect binding, punching, tabbing, stitching and sewing are all suitable techniques.

## TECHNICAL SPECIFICATIONS

Finish	Colors	Weight ISO 536 (GSM)	BULK ISO 534 (cm <sup>3</sup> /g)	ROUGHNESS BENDTSEN ISO 8791 – 3 (ml/min)	CIE WHITENESS ISO 11475 (%)	OPACITY ISO 2471 (%)	RELATIVE HUMIDITY ISO 287 (%)
CX22	DIAMOND white recycled	100	1.2	50	146.0	90	35-60
		120	1.1	50	146.0	93	35-60
		160	1.0	50	146.0	95	35-60
		320	1.0	50	146.0	>97	35-60
WOVE	BRILLIANT white recycled	100	1.3	200	137.0	90	35-60
		120	1.3	200	137.0	94	35-60
		160	1.3	200	137.0	94	35-60
		220	1.2	200	137.0	>97	35-60
		300	1.1	200	137.0	>97	35-60
WOVE	DIAMOND white recycled	100	1.3	200	146.0	90	35-60
		120	1.3	200	146.0	94	35-60
		160	1.3	200	146.0	94	35-60
		220	1.2	200	146.0	>97	35-60
		300	1.1	200	146.0	>97	35-60
LAID	BRILLIANT white recycled	100	1.4	850	137.0	90	35-60
		120	1.4	800	137.0	96	35-60
		220	1.4	1600	137.0	>97	35-60
		300	1.4	1700	137.0	>97	35-60
LAID	DIAMOND white recycled	100	1.4	850	146.0	90	35-60
		220	1.4	1600	146.0	>97	35-60
		300	1.4	1700	146.0	>97	35-60