

Technical specification sheet

Ball & Doggett
ballanddoggett.com.au

Product: Sovereign A2 Gloss

Category: Folio Papers - Coated Paper

Technical specifications:

Gloss											
Basis Weight	g/m ²	90	100	113	128	150	170	200	250	300	350
Thickness	um	68±3	75±3	86±3	98±3	118±3	144±5	179±5	231±5	284±5	337±7
Smoothness	sec	1000↑	800↑	800↑	600↑	500↑	300↑	200↑	100↑	100↑	100↑
Opacity	% ISO 2471	86↑	88↑	90↑	91↑	93↑	95↑	97↑	98↑	98↑	98↑
Brightness	% ISO	100±3	100±3	100±3	100±3	100±3	100±3	100±3	100±3	100±3	100±3
CIE Whiteness	% CIE	126±3	126±3	126±3	126±3	126±3	127±3	127±3	127±3	127±3	127±3
Gloss	% ISO 8254-1	77±5	77±5	77±5	77±5	77±5	73±5	70±5	70±5	70±5	70±5
Stiffness M	Clark	25↑	30↑	20↑	30↑	65↑	90↑	-	-	-	-
Stiffness C	L & W	11↑	15↑	10↑	20↑	33↑	45↑	-	-	-	-
Surface Strength	wp ISO 3783	25↑	25↑	25↑	25↑	25↑	25↑	25↑	25↑	25↑	25↑

These characteristics are average values supplied for guidance purposes

Certicates

- FSC Certified: Mix; ISO 14001 Environmental Management System; ISO 9001 Quality Accreditation;
- HP Indigo Certified

Print & Finish Suitability					
☒	Creasing	☒	Foiling	☒	Laser
☒	Die-Cutting	☒	Folding	☒	Scoring
☒	Digital	☐	Inkjet	☒	Varnishing
☒	Embossing	☒	Film Laminating	☒	Screen Ruling: 175-250 lpi
☐	Other:				

Applications					
☒	Annual Reports	☒	Direct Mail	☐	Outdoor Use
☒	Brochures	☒	Folders	☐	Packaging
☒	Corporate Identity	☒	Invitations	☒	Presentation Material
☒	Other: Magazines, Catalogues and Flyers.				

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Environmental Profile:

Fibre

- | | |
|---|--------------------------------|
| ☒ Virgin:
Pulp is sourced from Canada,
Chile, Brazil and New Zealand | ☐ Recycled |
|---|--------------------------------|

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: 0% | ☐ Pre Consumer Waste: 0% | ☐ Fibre Source |
|---|--|------------------------------------|

Recyclable

- | |
|---|
| ☒ 100% Recyclable product in Australia |
|---|

Whitening Process

- | | | |
|--|---|---|
| ☒ Elemental Chlorine Free | ☐ Totally Chlorine Free | ☐ Process Chlorine Free |
|--|---|---|

Environmental Awards or Accreditations

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

Energy

Carbon Neutral Manufacture: Sovereign A2 is available carbon neutral by request. The carbon emissions associated in the production and delivery of Sovereign A2 have been neutralised by Climate Positive, through the 'Liaoning Faku Heping wind power project'. This includes all life cycle phases from 'cradle-to-grave'. More information is available on request.

Water, Air & Waste

Water: Mill operates a waste water treatment system. More information is available on request.

Air: Mill operates a procedure that continually seeks to improve & reduce air emissions.

Additional Information

Hankuk Paper only purchase wood from sustainable forestry practices. They do not use pulp that has been derived from virgin forest mixed tropical hardwood. Hankuk continuously seek to save energy and to protect their environment. For more details on Hankuk Paper and their environmental goals, please contact 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.