

Technical specification sheet

Ball & Doggett

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Product: Barry Bleach Board Digital

Category: Small Format Digital - Boards

Mill: Metsa Board Simpele Mill

Website: metsaboard.com

Country of Origin: Finland

Technical specifications:

Basis Weight	g/m ²	170	210	235	265	285	315	330	355
Thickness mm	ISO 534 ±4%	0.210	0.305	0.355	0.410	0.455	0.505	0.535	0.600
Smoothness µm	ISO 8791-4	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Opacity	% ISO 2471	97.2	98.5	99.0	>99.0	>99.0	99.0	>99.0	-
Brightness Top	% ISO 2470 ±1	91	91	91	91	91	91	91	89
Gloss	% TAPPI T480	48±5	48±5	48±5	48±5	48±5	48±5	48±5	48±5
pH Value-Surface	T509	160	≥7	≥7	≥7	≥7	≥7	≥7	-
Bending Stiffness	CD ISO 2493 ±15%	1.4	3.8	5.4	8.4	11	14	16	19.2
Bending Stiffness	MD ISO 2493 ±15%	2.9	8.0	11.2	17.5	22.6	28.8	33.2	37.4
Surface Strength	m/s ISO 3783	1.6	1.6	1.6	1.6	1.6	1.6	1.6	-
Cobb. 1 min (multisheet) - Top	g/m ² ISO 535	40	40	40	40	40	40	40	-

These characteristics are average values supplied for guidance purposes

Certificates

- 75% PEFC Certified, FDA approved board, both sides are suitable for contact with dry and non fatty food grades.
- ISO 14001 Environmental Management System, ISO 9001 Quality Management System.

Recommended Printing Tips

Suitable for litho offset, gravure, exo and serigraphy. Allow for longer drying time. Under colour (UCR) is recommended, please discuss with your printer to achieve optimum results.

Print & Finish Suitability

<input checked="" type="radio"/> Creasing	<input checked="" type="radio"/> Foiling	<input type="radio"/> Laser
<input checked="" type="radio"/> Die-Cutting	<input checked="" type="radio"/> Folding	<input checked="" type="radio"/> Scoring
<input type="radio"/> Digital	<input type="radio"/> Inkjet	<input checked="" type="radio"/> Varnishing
<input checked="" type="radio"/> Embossing	<input checked="" type="radio"/> Film Laminating	<input checked="" type="radio"/> Screen Ruling: 175-200dpi
<input type="radio"/> Other:		

Applications

<input type="radio"/> Annual Reports	<input type="radio"/> Direct Mail	<input type="radio"/> Outdoor Use
<input type="radio"/> Brochures	<input checked="" type="radio"/> Folders	<input checked="" type="radio"/> Packaging
<input type="radio"/> Corporate Identity	<input type="radio"/> Invitations	<input checked="" type="radio"/> Presentation Material
<input checked="" type="radio"/> Other: Business cards, postcards, signage, cards		

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Environmental Profile:

Fibre

- | | |
|--------------------------------------------------------|--------------------------------|
| <input checked="" type="radio"/> Virgin: Finland (89%) | <input type="radio"/> Recycled |
|--------------------------------------------------------|--------------------------------|

Forestry Certification

- | | | |
|--------------------------------------------------|-------------------------------------------------|-----------------------------------------------------|
| <input type="radio"/> FSC Mixed Sources | <input type="radio"/> FSC 100% Recycled | <input type="radio"/> SFI Certified |
| <input type="radio"/> FSC Mixed Sources/Recycled | <input checked="" type="radio"/> PEFC Certified | <input type="radio"/> Mill's own procurement policy |

Recycled

- | | | |
|-----------------------------------------------|----------------------------------------------|------------------------------------|
| <input type="radio"/> Post Consumer Waste: 0% | <input type="radio"/> Pre Consumer Waste: 0% | <input type="radio"/> Fibre Source |
|-----------------------------------------------|----------------------------------------------|------------------------------------|

Whitening Process

- | | | |
|----------------------------------------------------------|---------------------------------------------|---------------------------------------------|
| <input checked="" type="radio"/> Elemental Chlorine Free | <input type="radio"/> Totally Chlorine Free | <input type="radio"/> Process Chlorine Free |
|----------------------------------------------------------|---------------------------------------------|---------------------------------------------|

Environmental Awards or Accreditations

- | | | |
|------------------------------------------------|------------------------------------|----------------------------------|
| <input checked="" type="radio"/> ISO 14001 EMS | <input type="radio"/> EMAS | <input type="radio"/> Blue Angel |
| <input type="radio"/> Nordic Swan | <input type="radio"/> Eu Eco-label | <input type="radio"/> NAPM |
| <input type="radio"/> Green Seal | <input type="radio"/> Eugropa | <input type="radio"/> Other: |

Water, Air & Waste

Water: Metsa Board have their own waste water treatment plan in place. Full details are available upon request.

Air: Air emissions are monitored & measured and approved regularly by local/national environmental regulators.

Waste: Metsa Board operate a waste management system when possible by using internal reutilisation technologies.

Additional Information

Barry Bleach Board is a high yield board meaning a lighter weight but with the same strength, rigidity and bulk as traditional bleach boards. Benefits of using a light but stiff card are less natural resources are required to make the paper and can result in lighter weight packaging or finished product. Metsa Board's policy is to use wood sourced only from managed commercial forests, the percentage of certified responsible wood entering Metsa Board's supply chain is at 90%. Metsa Board is committed to promoting sustainable development and to continuously improve its own operation. For full details of Metsa Board's environmental policy, 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.