

MetsäBoard Prime FBB Bright



Coated back for luxury packaging and graphical end-uses

MetsäBoard Prime FBB Bright is a fully coated bleached paperboard with coated back for luxury packaging and graphical end-uses. Frequent end uses include Beauty and Cosmetics, Pharma and Healthcare, Chocolate and Confectionery, Wine and Spirits and Consumer Electronics.

Our flagship grade combines superb brightness, whiteness and stiffness. Its dashing white look, bluish white shade and excellent printability enhance luxurious designs and special features.

It is approved for direct food contact.*

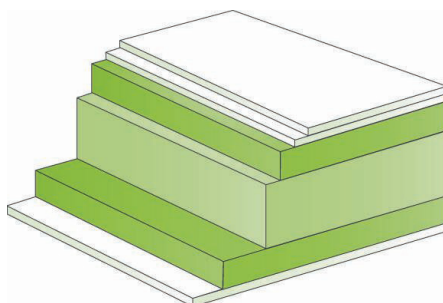
*Country specific limitations may apply.

MetsäBoard

Prime FBB Bright



Structure:



- ① Multiple Blade Coating
- ② Bleached Chemical Pulp
- ③ Bleached Chemi-thermo-mechanical Pulp (BCTMP)
- ④ Bleached Chemical Pulp
- ⑤ Blade Coating

Product Specs

Features: Printing method: Offset, Digital, Gravure, Flexo

Food contact: EU Regulation (EC) No 1935/2004, USFDA21CFR§176.170*, USFDA21CFR§176.180*,

PROPERTY, UNIT	METHOD	STANDARD	TOLERANCE	VALUES											
Grammage g/m ²		ISO 536	± 2%	170	190	210	235	255	270	280	290	305	330	355	380
Basis weight lb/3000 sf 24x36/500				104	117	129	144	157	166	172	178	187	203	218	233
Caliper pt		ISO 534		8.3	10.2	12.0	14.2	15.7	16.7	17.7	18.7	19.7	21.7	23.6	25.6
Thickness µm		ISO 534	± 3%	210	260	305	360	400	425	450	475	500	550	600	650
Bending stiffness CD mNm	Taber 15°	ISO 2493-2	-15%	1.4	2.5	3.8	5.9	8.1	9.7	10.7	12.0	13.4	16.3	19.2	22.0
Bending stiffness MD mNm	Taber 15°	ISO 2493-2	-15%	2.9	5.1	8.0	11.7	16.2	19.4	21.4	24	26.8	31.9	37.4	42.5
Bending stiffness CD gf•cm				14.3	25.5	38.8	60.2	82.6	98.9	109.1	122.4	136.7	166.3	195.8	224.4
Bending stiffness MD gf•cm				29.6	52.0	81.6	119.3	165.2	197.9	218.3	244.8	273.4	325.4	381.5	433.5
Moisture content %		ISO 287	± 1.0	6.5	6.5	7.0	8.0	8.0	8.5	8.5	8.5	8.5	8.5	9.0	9.0
Smoothness top µm	PPS10	ISO 8791-4	max 1.3	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Smoothness reverse µm	PPS10	ISO 8791-4	max 6	4	4	4	4	4	4	4	4	4	4	4	4
Brightness top %	Illumination C/2°	ISO 2470-1	± 1	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
Brightness reverse %	Illumination C/2°	ISO 2470-1	± 2	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
Gloss %	Hunter 75°	ISO 8254-1	± 5	48	48	48	48	48	48	48	48	48	48	48	48
Off-flavour (Robinson test)	12 mo in orig pack	EN 1230-2		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1

Tolerances, when specified, are based on 95% confidence limits on mill measurements of samples tested in paperboard manufacturing conditions.

Metsä Board Paperboard mills have FSC® / 02-31-92 and PEFC™ / C001580 CoC certificates.

*Please contact Metsä Board for details of grammage and / or country-specific, restrictions and limitations.

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Product Information



Product Data

