

# MetsäBoard Prime FBB Bright NEW

## PRODUCT SHEET

### PRODUCT DESCRIPTION

Fully coated bleached paperboard with coated back

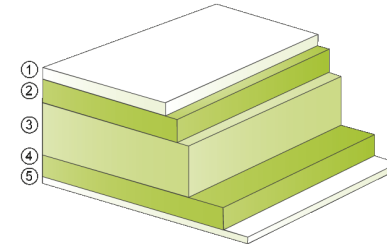
### MAIN END USES

Covers, Cards, Graphic applications, Point-of-sales materials, Beautycare, Healthcare, Consumer electronics, Chocolate and confectionery

### FEATURES

Printing methods	Offset, Gravure, Flexo, Digital printing
Food contact	EU Regulation (EC) No 1935/2004, USFDA21CFR§176.170*, USFDA21CFR§176.180*
Mill	Metsä Board Kyro

### STRUCTURE



- 1) Multiple blade coating
- 2) Bleached chemical pulp
- 3) Bleached chemi-thermo-mechanical pulp (BCTMP)
- 4) Bleached chemical pulp
- 5) Blade coating

## TECHNICAL INFORMATION

PROPERTY, UNIT	METHOD	STANDARD	TOLERANCE	VALUES											
Grammage g/m <sup>2</sup>		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				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 mm		ISO 534	± 3%	0.210	0.260	0.305	0.360	0.400	0.425	0.450	0.475	0.500	0.550	0.600	0.650
Moisture content %		ISO 287	± 1,0	6.5	6.5	7.0	8.0	8.0	8.5	8.5	8.5	8.5	9.0	9.0	9.0
Bending stiffness CD mNm	Taber 15°	ISO 2493	± 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	± 15%	2.9	5.1	8.0	11.7	16.2	19.4	21.4	24.0	26.8	31.9	37.4	42.5
Bending stiffness CD gf·cm				14	25	39	60	83	99	109	122	137	166	196	224
Bending stiffness MD gf·cm				30	52	82	119	165	198	218	245	273	325	381	433
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 back 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 back %	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 months in original package	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 single mill measurements of random samples measured in manufacturing conditions.

Metsä Board Paperboard mills have PEFC chain of custody, FSC chain of custody and FSC controlled wood certificates.

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

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