

MetsäBoard Prime FBB

PRODUCT SHEET

PRODUCT DESCRIPTION

Fully coated bleached paperboard with coated back

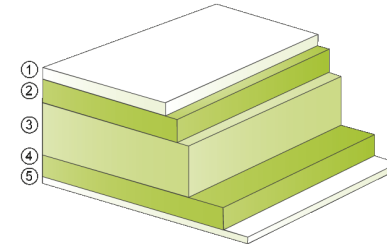
MAIN END USES

Beauty and men's care, Healthcare, Covers, Cards, Graphic applications, Point-of-sales materials

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 ²		ISO 536	± 2%	205	230	255	270	280	290	305	330	355	380
Bending stiffness CD mNm	Taber 15°	ISO 2493	± 15%	3.3	5.5	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%	6.5	11.0	16.2	19.4	21.4	24.0	26.8	31.9	37.4	42.5
Thickness µm		ISO 534	± 3%	290	350	400	425	450	475	500	550	600	650
Moisture content %		ISO 287	± 1.0	7.5	8.0	8.0	8.5	8.5	8.5	8.5	9.0	9.0	9.0
Smoothness top µm	PPS10	ISO 8791-4	max 1.2	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
Brightness top %	Illumination C/2°	ISO 2470-1	± 1	89	89	89	89	89	89	89	89	89	89
Brightness back %	Illumination C/2°	ISO 2470-1	± 2	88	88	88	88	88	88	88	88	88	88
Colour CIELAB L* top	Illumination C/2°	ISO 5631-1	± 1.0	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
Colour CIELAB a* top	Illumination C/2°	ISO 5631-1	± 0.5	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Colour CIELAB b* top	Illumination C/2°	ISO 5631-1	± 1.0	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8
Colour CIELAB L* back	Illumination C/2°	ISO 5631-1		93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
Colour CIELAB a* back	Illumination C/2°	ISO 5631-1		1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Colour CIELAB b* back	Illumination C/2°	ISO 5631-1		-1.8	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8
Gloss %	Hunter 75°	TAPPI T 480	± 5	50	50	50	50	50	50	50	50	50	50
Off-flavour (Robinson test)	12 months in original package	EN 1230-2		<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.

*contact Metsä Board for details of restrictions and/or limitations

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