

MetsäBoard Pro FBB Bright 1PE 0/15

PRODUCT SHEET

/ 15M

PRODUCT DESCRIPTION

Fully coated bleached paperboard with white back, hard sized, PE coating back

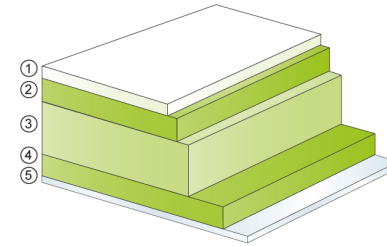
MAIN END USES

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

FEATURES

Printing methods Offset, Gravure, Flexo, Digital printing
Food contact Suitable for food contact*

STRUCTURE



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

TECHNICAL INFORMATION

PROPERTY, UNIT	METHOD	STANDARD	TOLERANCE	VALUES										
Grammage g/m ²		ISO 536		195	210	235	245	260	270	280	295	305	335	365
Thickness µm		ISO 534		270	315	365	395	425	445	465	495	515	565	620
PE, back, g/m ²				15	15	15	15	15	15	15	15	15	15	15
Baseboard property, unit														
Grammage g/m ²		ISO536	±2%	180	195	220	230	245	255	265	280	290	320	350
Bending stiffness CD mNm	Taber 15°	ISO 2493	± 15%	2.4	3.8	5.4	6.6	8.1	9.0	10.0	11.6	13.0	16.0	19.0
Bending stiffness MD mNm	Taber 15°	ISO 2493	± 15%	5.2	7.8	11.0	13.5	16.5	18.4	20.2	23.3	26.3	32.5	38.0
Thickness µm		ISO 534	± 3%	260	305	355	385	415	435	455	485	505	555	610
Moisture content %		ISO 287	± 1.0	6.8	7.0	7.0	7.2	7.5	7.7	7.7	7.8	8.1	8.3	8.5
Smoothness top µm	PPS10	ISO 8791-4	max 1.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Brightness top %	Illumination C/2°	ISO 2470-1	± 1	91	91	91	91	91	91	91	91	91	91	91
Colour CIELAB L* top	Illumination C/2°	ISO 5631-1	± 1.0	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
Colour CIELAB a* top	Illumination C/2°	ISO 5631-1	± 0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Colour CIELAB b* top	Illumination C/2°	ISO 5631-1	± 1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
Gloss %	Hunter 75°	TAPPI T 480	± 5	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

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(TM) and FSC® chain of custody certificates.

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

Issued 24.04.2019. Supersedes sheet dated 02.05.2017