

# MetsäBoard Pro FBB Bright 1PE 0/15

## PRODUCT SHEET



### Product description

Fully coated bleached paperboard with white reverse side, hard sized, PE coating reverse side (matt)

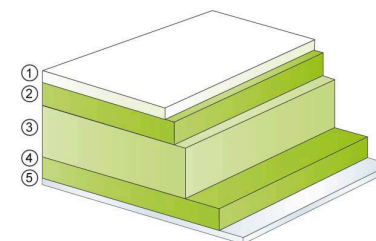
### End use

Chocolate and confectionery, Frozen food, Food service

### Features

Printing method Offset, Digital, Gravure, Flexo  
 Food contact Suitable for food contact\*  
 Metsä Board mill Husum

### Structure



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

PROPERTY, UNIT	METHOD	STANDARD	TOLERANCE	VALUES										
Grammage total g/m <sup>2</sup>		ISO 536		195	210	235	245	260	270	280	295	305	335	365
Thickness total µm		ISO 534		270	315	365	395	425	445	465	495	515	656	620
Grammage PE reverse g/m <sup>2</sup>		ISO 536		15	15	15	15	15	15	15	15	15	15	15
<b>Baseboard property, unit</b>														
Grammage g/m <sup>2</sup>		ISO 536	± 2%	180	195	220	230	245	255	265	280	290	320	350
Thickness µm		ISO 534	± 3%	260	305	355	385	415	435	455	485	505	555	610
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
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°	ISO 8254-1	± 5	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

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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