

# MetsäBoard Pro FBB Bright

## PRODUCT SHEET

### PRODUCT DESCRIPTION

Fully coated bleached paperboard with white back

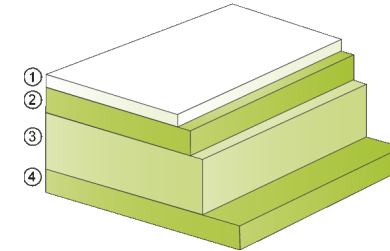
### MAIN END USES

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	EU Regulation (EC) No 1935/2004, USFDA21CFR§176.170*, USFDA21CFR§176.180*
Mill	Metsä Board Kyro, Metsä Board Äänekoski, Metsä Board Husum

### STRUCTURE



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

## TECHNICAL INFORMATION

PROPERTY, UNIT	METHOD	STANDARD	TOLERANCE	VALUES											
Grammage g/m <sup>2</sup>		ISO 536	± 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 mill measurements of samples tested in paperboard manufacturing conditions.

Metsä Board Paperboard mills have PEFC(TM) and FSC® chain of custody certificates.

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

Issued 02.07.2020. Supersedes sheet dated 24.04.2019