

# MetsäBoard Pro FBB

## PRODUCT SHEET

### PRODUCT DESCRIPTION

Fully coated folding boxboard, GC2

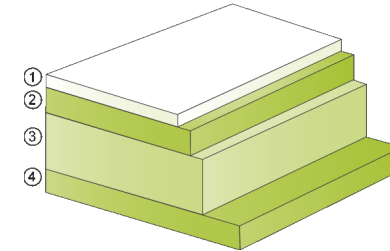
### MAIN END USES

Healthcare, Beautycare, Foods, General packaging, Graphic applications, Retail-ready packaging

### 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

## TECHNICAL INFORMATION

PROPERTY, UNIT	METHOD	STANDARD	TOLERANCE	VALUES									
Grammage g/m <sup>2</sup>		ISO 536	± 2%	205	215	225	240	250	265	285	310	330	355
Bending stiffness CD mNm	Taber 15°	ISO 2493	± 15%	5.1	6.0	7.0	7.9	9.1	10.9	13.7	17.0	19.5	23.7
Bending stiffness MD mNm	Taber 15°	ISO 2493	± 15%	9.7	11.4	13.3	15.4	16.9	20.4	26.2	32.0	38.0	47.0
Thickness µm		ISO 534	± 3%	325	350	375	400	425	450	500	550	600	650
Moisture content %		ISO 287	± 1.0	7.5	7.5	7.5	8.0	8.0	8.5	8.5	9.0	9.0	9.0
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
Brightness top %	Illumination C/2°	ISO 2470-1	± 1	87	87	87	87	87	87	87	87	87	87
Colour CIELAB L* top	Illumination C/2°	ISO 5631-1	± 1.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
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	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5
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.

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

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