

MetsäBoard Classic FBB

PRODUCT SHEET



Product description

Fully coated folding boxboard, hard sized, GC2

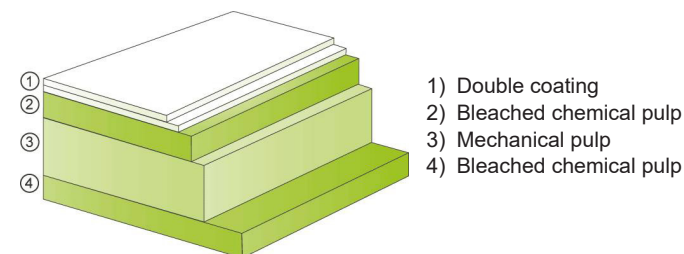
End use

Foods, Beverages, Frozen food, Healthcare,
General packaging, Retail-ready packaging

Features

Printing method Offset, Flexo, Digital
Food contact EU Regulation (EC)
No 1935/2004,
USFDA21CFR§176.170*,
USFDA21CFR§176.180*
Metsä Board mill Simpele, Kyrö

Structure



PROPERTY, UNIT	METHOD	STANDARD	TOLERANCE	VALUES									
Grammage g/m ²		ISO 536	± 2 %	200	210	225	235	250	260	275	290	315	340
Thickness µm		ISO 534	± 3 %	350	375	400	425	450	475	500	550	600	650
Bending stiffness CD mNm	Taber 15°	ISO 2493-2	- 15%	4.7	5.8	7.0	8.4	9.7	11.0	12.6	15.8	18.9	22.1
Bending stiffness MD mNm	Taber 15°	ISO 2493-2	- 15%	10.5	12.1	15.0	17.0	19.2	22.6	25.2	31.0	37.8	45.2
Bending stiffness DIN CD mNm	DIN 5°	DIN 53121	- 15%	8.6	10.4	13.3	15.0	18.4	20.7	24.6	29.9	35.5	41.1
Bending stiffness DIN MD mNm	DIN 5°	DIN 53121	- 15%	19.0	22.5	28.4	31.6	37.3	42.1	48.8	59.4	72.1	84.3
Moisture content %		ISO 287	± 1.0	8.0	8.0	8.0	8.5	8.5	8.5	8.5	8.5	9.0	9.0
Smoothness top µm	PPS10	ISO 8791-4	max 1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
Brightness top %	Illumination C/2°	ISO 2470-1	± 1	84	84	84	84	84	84	84	84	84	84
Colour CIELAB L* top	Illumination C/2°	ISO 5631-1	± 1.0	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
Colour CIELAB a* top	Illumination C/2°	ISO 5631-1	± 0.5	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Colour CIELAB b* top	Illumination C/2°	ISO 5631-1	± 1.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Gloss %	Hunter 75°	ISO 8254-1	± 5	35	35	35	35	35	35	35	35	35	35
Off-flavour (Robinson test)	12 mo in orig. pack	EN 1230-2		< 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 standard conditions (23°C/50% RH).

Metsä Board Paperboard mills have FSC® / C001580 and PEFC / 02-31-92 CoC certificates.

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

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