

MetsäBoard Classic FBB

PRODUCT SHEET



Product description

Fully coated folding boxboard, hard sized, GC2

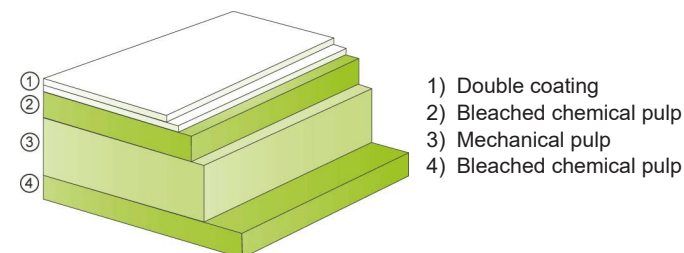
End use

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, Kyro

Structure



PROPERTY, UNIT	METHOD	STANDARD	TOLERANCE	VALUES									
Grammage		ISO 536	± 2 %	200	210	225	235	250	260	275	290	315	340
Basis weight lb/3000 sf 24x36/500				123	129	138	144	154	160	169	178	193	209
Caliper pt		ISO 534		13.8	14.8	15.7	16.7	17.7	18.7	19.7	21.7	23.6	25.6
Thickness µm		ISO 534	± 3 %	350	375	400	425	450	475	500	550	600	650
Bending stiffness CD	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	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 CD gf·cm				47.9	59.2	71.4	85.7	98.9	112.2	128.5	161.2	192.8	225.4
Bending stiffness MD gf·cm				107.1	123.4	153.0	173.4	195.8	230.5	257.0	316.2	385.6	461.0
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
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.

Issued 02.07.2020. Supersedes sheet dated 02.05.2017.