

MetsäBoard Pro FBB Bright

PRODUCT SHEET



Product description

Fully coated bleached paperboard with white reverse side

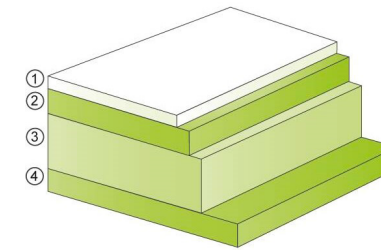
End use

Chocolate and confectionery, Foods, Healthcare, Graphic applications, Beautycare, Consumer electronics, Covers, Cards, Beverages, Point-of-sales materials

Features

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

Structure



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

PROPERTY, UNIT	METHOD	STANDARD	TOLERANCE	VALUES										
Grammage g/m ²		ISO 536	± 2%	180	195	220	230	245	255	265	280	290	320	350
Basis weight lb/3000 sf 24x36/500				111	120	135	141	150	157	163	172	178	196	215
Basis weight lbs/1000ft ²				37	40	45	47	50	52	54	57	59	66	72
Caliper pt		ISO 534		10.2	12.0	14.0	15.2	16.3	17.1	17.9	19.1	19.9	21.9	24.0
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
Bending stiffness CD gf·cm				24.5	38.8	55.1	67.3	82.6	91.8	102.0	118.3	132.6	163.2	193.8
Bending stiffness MD gf·cm				53.0	79.6	112.2	137.7	168.3	187.7	206.0	237.7	268.3	331.5	387.6
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
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.

Issued 02.07.2020. Supersedes sheet dated 24.04.2019.