

MetsäBoard Pro FBB Bright

PRODUCT SHEET

PRODUCT DESCRIPTION

Fully coated bleached paperboard with white back

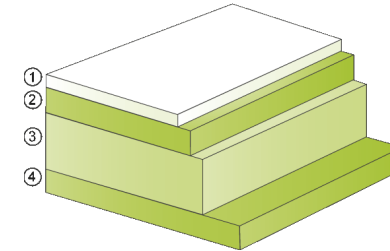
MAIN END USES

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 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 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				10.2	12.0	14.0	15.2	16.3	17.1	17.9	19.1	19.9	21.9	24.0	
Thickness mm		ISO 534	± 3%	0.260	0.305	0.355	0.385	0.415	0.435	0.455	0.485	0.505	0.555	0.610	
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	
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	39	55	67	83	92	102	118	133	163	194	
Bending stiffness MD gf-cm				53	80	112	138	168	188	206	238	268	331	387	
Smoothness 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 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 country-specific restrictions and/or limitations.

Issued 02.07.2020. Supersedes sheet dated 24.04.2019