

MetsäBoard Pro FBB Bright



Fully coated bleached paperboard with white reverse side

MetsäBoard Pro FBB Bright is a fully coated bleached paperboard with white back. It is a lightweight and stiff multipurpose board. Thanks to its high brightness on top and reverse, MetsäBoard Pro FBB Bright provides an ideal base for special finishing effects. It has excellent sensory properties for sensitive premium products, including Beauty and Cosmetics, Beverages, such as tea, Electronics, E-Commerce, Healthcare and it is approved for direct food contact.*

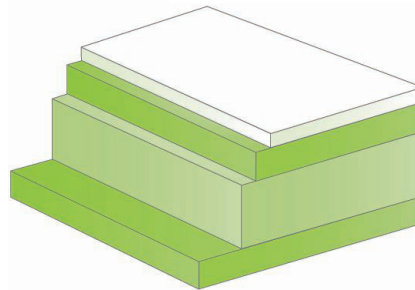
MetsäBoard Pro FBB Bright is made from pure, traceable fresh wood fibers. They are recyclable and compostable according to DIN EN 13432, offering a sustainable alternative to fossil-based materials.

*Country specific limitations may apply.

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Structure:



- ① Multiple Blade Coating
- ② Bleached Chemical Pulp
- ③ Bleached Chemi-thermo-mechanical Pulp (BCTMP)
- ④ Bleached Chemical Pulp

Product Specs

Features:

Printing method: Offset, Digital, Gravure, Flexo

Food contact: EU Regulation (EC) No 1935/2004, USFDA21CFR§176.170*, USFDA21CFR§176.180*,

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	585	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 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 24.04.2019.

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