

MetsäBoard Pro FBB OBAfree

PRODUCT SHEET

PRODUCT DESCRIPTION

Fully coated folding boxboard, hard sized, OBA free

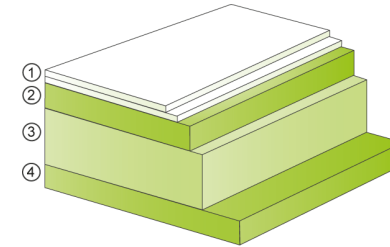
MAIN END USES

Foods, Beverages, Healthcare, Frozen food, Chilled food, Trays and plates, Folded trays, Fast food applications, Food service, General packaging

FEATURES

Printing methods	Offset, Flexo, Digital printing
Food contact	EU Regulation (EC) No 1935/2004, GB9685, GB4806.8, USFDA21CFR§176.170*, USFDA21CFR§176.180*
Mill	Metsä Board Husum

STRUCTURE



- 1) Double 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%	195	210	220	230	245	255	265	280	290	315	345
Bending stiffness CD mNm	Taber 15°	ISO 2493	- 15%	4.0	4.8	5.7	6.8	8.3	9.2	10.2	11.8	13.2	16.2	19.2
Bending stiffness MD mNm	Taber 15°	ISO 2493	- 15%	8.0	9.9	11.3	13.7	16.7	18.6	20.4	23.5	26.5	32.7	38.2
Thickness µm		ISO 534	± 3%	310	335	360	385	415	435	455	485	505	555	610
Moisture content %		ISO 287	± 1.0	7.0	7.0	7.0	7.2	7.5	7.7	7.7	7.8	8.1	8.3	8.5
Smoothness top	PPS10	ISO 8791-4		<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	85	85	85	85	85	85	85	85	85	85	85
Water absorption top, back g/m ²	Cobb 3min	ISO 535		≤50	≤50	≤50	≤50	≤50	≤50	≤50	≤50	≤50	≤50	≤50
Water absorption middle g/m ²	Cobb 3min	ISO 535		≤40	≤40	≤40	≤40	≤40	≤40	≤40	≤40	≤40	≤40	≤40
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.

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