

MetsäBoard Pro FBB OBAfree NEW

PRODUCT SHEET

PRODUCT DESCRIPTION

Fully coated folding boxboard, hard sized, OBA free

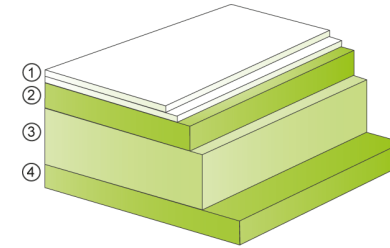
MAIN END USES

Foods, Beverages, Healthcare, Frozen food, Paper plates, Folded trays, Fast food applications, 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	
Basis weight lb/3000 sf 24x36/500				120	129	135	141	150	157	163	172	178	193	212	
Thickness mm		ISO 534	± 3%	0.310	0.335	0.360	0.385	0.415	0.435	0.455	0.485	0.505	0.555	0.610	
Caliper pt				12.2	13.2	14.2	15.2	16.3	17.1	17.9	19.1	19.9	21.9	24.0	
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	
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	
Bending stiffness CD gf·cm				41	49	58	69	85	94	104	120	135	165	196	
Bending stiffness MD gf·cm				82	101	115	140	170	190	208	240	270	333	390	
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	84	84	84	84	84	84	84	84	84	84	84	
Water absorption top g/m ²	Cobb 3 min	ISO 535		≤40	≤40	≤40	≤40	≤40	≤40	≤40	≤40	≤40	≤40	≤40	
Water absorption middle, back g/m ²	Cobb 3 min	ISO 535		≤50	≤50	≤50	≤50	≤50	≤50	≤50	≤50	≤50	≤50	≤50	
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 single mill measurements of random samples measured in manufacturing conditions.

Metsä Board Paperboard mills have PEFC chain of custody, FSC chain of custody and FSC controlled wood certificates.

*Please contact Metsä Board for details of country-specific restrictions and/or limitations.

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