

# MetsäBoard Pro FBB OBAfree 1PE 0/15

## PRODUCT SHEET

/ 15M

### PRODUCT DESCRIPTION

Fully coated folding boxboard, hard sized, OBA free, PE coating back

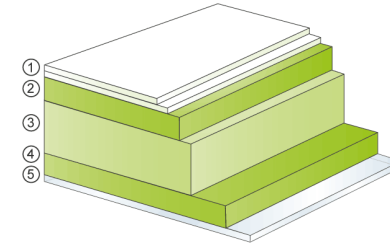
### MAIN END USES

Frozen food, Chilled food, Trays and plates

### FEATURES

Printing methods            Offset, Flexo, Digital printing  
Food contact                 Suitable for food contact\*

### STRUCTURE



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

## TECHNICAL INFORMATION

PROPERTY, UNIT	METHOD	STANDARD	TOLERANCE	VALUES										
Grammage g/m <sup>2</sup>		ISO 536		210	225	235	245	260	270	280	295	305	330	360
Thickness µm		ISO 534		320	345	370	395	425	445	465	495	515	565	620
PE, back, g/m <sup>2</sup>				15	15	15	15	15	15	15	15	15	15	15
Baseboard property, unit														
Grammage g/m <sup>2</sup>		ISO536	±2%	195	210	220	230	245	255	265	280	290	315	345
Thickness µm		ISO 534	± 3%	310	335	360	385	415	435	455	485	505	555	610
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
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 <sup>2</sup>	Cobb 3min	ISO 535		≤50	≤50	≤50	≤50	≤50	≤50	≤50	≤50	≤50	≤50	≤50
Water absorption middle g/m <sup>2</sup>	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 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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