

MetsäBoard Pro FBB OBAfree NEW

PRODUCT SHEET

PRODUCT DESCRIPTION

Fully coated folding boxboard, hard sized, OBA free

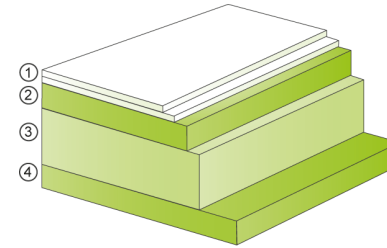
MAIN END USES

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 | |
| 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 | 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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