

# MetsäBoard Pro FSB

## PRODUCT SHEET

### PRODUCT DESCRIPTION

Food service board, top coated, hard sized, OBA free

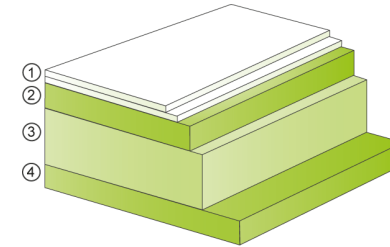
### MAIN END USES

Paper plates, Folded trays, Food packaging and take-away food

### FEATURES

Printing methods      Offset, Flexo  
 Food Contact          EU Regulation (EC) No 1935/2004, GB9685, GB11680, 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 <sup>2</sup>                      |                               | ISO 536    | ± 4%      | 195    | 210  | 220  | 230  | 245  | 255  | 265  | 280  | 290  | 315  | 345  |
| Bending stiffness CD mNm                       | Taber 15°                     | ISO 2493   | ± 15%     | 3.8    | 4.6  | 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%     | 7.8    | 9.7  | 11.0 | 13.5 | 16.5 | 18.4 | 20.2 | 23.3 | 26.3 | 32.5 | 38.0 |
| Thickness µm                                   |                               | ISO 534    | ± 4%      | 300    | 325  | 350  | 375  | 405  | 425  | 445  | 475  | 495  | 545  | 600  |
| 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 <sup>2</sup>          | Cobb 3 min                    | ISO 535    |           | ≤40    | ≤40  | ≤40  | ≤40  | ≤40  | ≤40  | ≤40  | ≤40  | ≤40  | ≤40  | ≤40  |
| Water absorption middle, back g/m <sup>2</sup> | 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.

\*contact Metsä Board for details of restrictions and/or limitations

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