

MetsäBoard Natural FBB 2PE 12/18

PRODUCT SHEET



Product description

Folding boxboard, uncoated, hard sized, OBA free, PE coating top (glossy) and reverse side (matt)

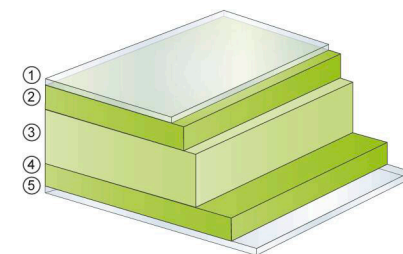
End use

Frozen food, Chilled food, Trays, Plates

Features

Printing method Offset, Flexo
 Food contact Suitable for food contact*
 Metsä Board mill Husum

Structure



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

| PROPERTY, UNIT | METHOD | STANDARD | TOLERANCE | VALUES | | | | | | | | | | |
|--------------------------------------|---------------------|------------|-----------|--------|-----|------|------|------|------|------|------|------|------|------|
| Grammage total g/m ² | | ISO 536 | | 205 | 220 | 230 | 240 | 255 | 265 | 275 | 290 | 300 | 325 | 355 |
| Thickness total µm | | ISO 534 | | 330 | 355 | 380 | 405 | 435 | 455 | 475 | 505 | 525 | 575 | 630 |
| Grammage PE top g/m ² | | ISO 536 | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| Grammage PE reverse g/m ² | | ISO 536 | | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 |
| Baseboard property, unit | | | | | | | | | | | | | | |
| Grammage g/m ² | | ISO 536 | ± 2% | 175 | 190 | 200 | 210 | 225 | 235 | 245 | 260 | 270 | 295 | 325 |
| 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 |
| Brightness top % | Illumination C/2° | ISO 2470-1 | ± 1 | 82 | 82 | 82 | 82 | 82 | 82 | 82 | 82 | 82 | 82 | 82 |
| Off-flavour (Robinson test) | 12 mo in orig. pack | 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 FSC® / 02-31-92 and PEFC™ / C001580 CoC certificates.

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

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