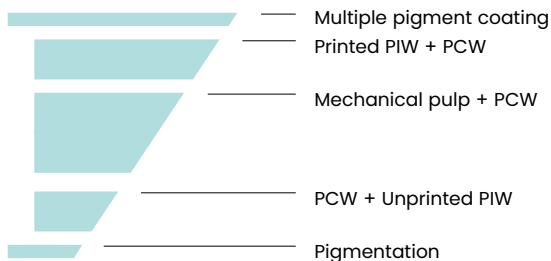


### 1. Board structure



|                                               | % of total | +/- in % of total |
|-----------------------------------------------|------------|-------------------|
| <b>Virgin fibre</b>                           | 5          | 5                 |
| <b>Paper from Post Industrial Waste (PIW)</b> | 20         | 10                |
| <b>Paper from Post Consumer Waste (PCW)</b>   | 60         | 10                |
| <b>Pigment coating</b>                        | 15         | 5                 |
| <b>Total</b>                                  | 100        |                   |

### 2. Technical specifications

| Grammage | Caliper    | Stiffness |           |                            |              |              |
|----------|------------|-----------|-----------|----------------------------|--------------|--------------|
|          |            | L&W 5° md | L&W 5° cd | L&W 5°                     | Taber 15° md | Taber 15° cd |
|          |            | mNm       | mNm       | $\sqrt[3]{(md \times cd)}$ | mNm          | mNm          |
| 230      | 280 / 11.0 | 8.0       | 3.6       | 5.4                        | 3.6          | 1.7          |
| 250      | 300 / 11.8 | 10.7      | 4.9       | 7.2                        | 5.8          | 2.6          |
| 280      | 345 / 13.6 | 16.6      | 7.6       | 11.2                       | 8.1          | 3.7          |
| 300      | 370 / 14.6 | 20.5      | 9.3       | 13.8                       | 10.7         | 4.9          |
| 320      | 400 / 15.7 | 27.2      | 10.9      | 17.2                       | 13.6         | 5.5          |
| 350      | 450 / 17.7 | 33.0      | 13.2      | 20.9                       | 17.8         | 7.2          |
| 380      | 500 / 19.7 | 42.7      | 17.1      | 27.0                       | 21.7         | 8.6          |
| 400      | 530 / 20.9 | 49.7      | 19.9      | 31.4                       | 25.0         | 10.0         |
| 420      | 560 / 22.0 | 55.1      | 22.1      | 34.9                       | 27.6         | 11.1         |
| 450      | 600 / 23.6 | 67.6      | 27.1      | 42.8                       | 34.4         | 13.7         |
| 500      | 675 / 26.6 | 93.8      | 37.6      | 59.4                       | 46.4         | 18.5         |
| 550      | 755 / 29.7 | 118.0     | 47.3      | 74.7                       | 58.3         | 23.4         |

### 3.

| Property                          | Value       | Tolerances                | Test standard |
|-----------------------------------|-------------|---------------------------|---------------|
| <b>Brightness top (% Elrepho)</b> | 78          | - 1                       | ISO 2470-2    |
| <b>Grammage (g/m²)</b>            |             | +/- 2%                    | ISO 536       |
| <b>Caliper (µm)</b>               |             | +/- 5%, > 350 g/m² +/- 3% | ISO 534       |
| <b>Stiffness (mNm)</b>            |             | - 15% <sup>1</sup>        | DIN 53121     |
| <b>Testing climate</b>            | 23°C<br>50% | +/- 1°C<br>+/- 2% rh      | ISO 187       |
| <b>Recyclability</b>              | confirmed   | in terms of the norm      | EN 13430      |

<sup>1</sup>Permissible: -15% of the target stiffness. This applies to 100% of all measured single values. The single value is a calculated average of five measurements per sheet. The stiffness has to be measured at both sides. The resulting average value is then the stiffness of the single sample. L&W 5° figures are binding, Taber figures are indicative.

All figures mentioned above may be subject to technical changes.



MCM BASIC – the economic choice – combines ecological with economic benefits. Complete reliability of supply can be guaranteed by production in two locations: Kolicevo (Slovenia) and Frohnleiten (Austria). Customers and distribution partners therefore benefit from maximum supply reliability as well as consistently high quality.

### Brightness

Top

78 %

## 1. Features

- Good converting results
- Consistent, stable quality
- MM Multi-Mill concept: high supply reliability and short lead times due to production in two mills

## 3. Mill Certificates

Downloadable certifications

Chain of Custody

Our products are also available with FSC® or PEFC certification on request.

[FSC® \(FSC®-C003336\)](#)

[PEFC \(PEFC/06-33-215\)](#)

Environmental manag. [ISO 14001](#)

[EMAS](#)

Food safety [ISO 22000](#)

Quality management [ISO 9001](#)

## 2. Applications\*

- Chilled Food (secondary packaging)
- Beverages (secondary packaging)
- Shelf-Ready Packaging
- Other Non-Foods

## 4. Mill Information

The mill Frohnleiten (Austria) offers the following features:

- Pioneer of the latest technologies and innovations
- Excellently equipped R&D center
- Highest production capacity of coated recycled cartonboard for folding cartons in Europe
- Strategically located to the Western, Eastern and Southern European markets
- Short transportation routes and flexible service guaranteed

## 5. Storage Recommendation

| Storage conditions    | temperature | relative humidity |
|-----------------------|-------------|-------------------|
| Favorable             | 20-23°C     | 50-55%            |
| dust free, climatized | 68-73.4°F   |                   |

Please store in undamaged original wrapping film.

## 6. Acclimatisation

| Temperature difference Pallet to printing room 20°C / 68°F | Time in printing room before unpacking in hours |     |     |
|------------------------------------------------------------|-------------------------------------------------|-----|-----|
| 5°C / 4°F                                                  | 10                                              | 11  | 12  |
| 10°C / 50°F                                                | 20                                              | 22  | 24  |
| 15°C / 59°F                                                | 30                                              | 34  | 35  |
| 20°C / 68°F                                                | 40                                              | 46  | 50  |
| Volume of pallet in m³                                     | 0.7                                             | 1.0 | 1.4 |

Remove the packaging film just before printing. Optimum processing climate: 22-23°C / 71.6-73.4°F, 50-52% rel. humidity.

\*It is a general recommendation for enduse applications; legally binding is only the declaration of compliance issued by MM Board & Paper for each individual type of cartonboard.

If you are interested in MCM BASIC or have any further questions, please contact

[marketing-boardpaper@mm.group](mailto:marketing-boardpaper@mm.group)

[mm.group/boardpaper](http://mm.group/boardpaper)

[General Terms of Trade](#)