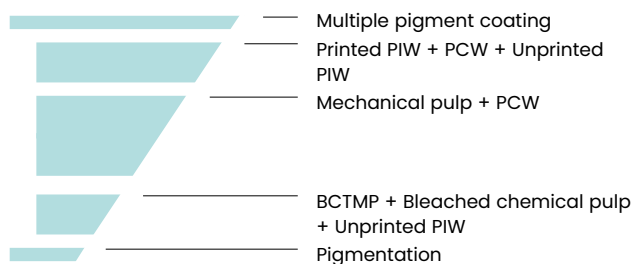


1. Board structure



	% of total	+/- in % of total
Virgin fibre	15	5
Paper from Post Industrial Waste (PIW)	20	10
Paper from Post Consumer Waste (PCW)	55	10
Pigment coating	10	5
Total	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	305 / 12.0	10.1	4.6	6.8	5.4	2.5
250	340 / 13.4	15.4	7.0	10.4	7.5	3.4
280	380 / 15.0	20.9	9.5	14.1	10.8	4.9
300	410 / 16.1	25.0	11.4	16.9	13.2	6.0
320	435 / 17.1	31.8	13.3	20.6	16.2	6.8
350	490 / 19.3	43.0	17.2	27.2	20.6	7.8
380	540 / 21.3	54.6	21.9	34.6	25.3	10.1
400	565 / 22.2	61.8	24.8	39.1	28.2	11.3
420	590 / 23.2	70.6	28.3	44.7	32.5	13.0
450	625 / 24.6	78.7	31.5	49.8	37.9	15.2
500	690 / 27.2	98.4	39.4	62.3	49.7	19.9
550	770 / 30.3	122.7	49.1	77.6	61.3	24.5

3.

Property	Value	Tolerances	Test standard
Brightness top (% Elrepho)	82	- 1	ISO 2470-2
Brightness reverse (% Elrepho)	68	+/- 2	ISO 2470-2
Grammage (g/m²)		+/- 2%	ISO 536
Caliper (µm)		+/- 5%, > 350 g/m² +/- 3%	ISO 534
Stiffness (mNm)		- 15% ¹	DIN 53121
Testing climate	23°C	+/- 1°C	ISO 187
	50%	+/- 2% rh	
Recyclability	confirmed	in terms of the norm	EN 13430

¹Permissible: -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.



MCB – the top-selling GT on the European market – is available in a wide grammage range and is produced in the MultiMill concept. Produced at MM Frohnleiten (Austria) and MM Gernsbach (Germany) MCB meets important market requirements – consistent quality and high supply security, combined with short lead times.

Brightness

Top

82 %

Brightness

Reverse

68 %

1. Features

- High brightness
- Very good smoothness and opacity
- High stiffness
- MultiMill concept: high supply reliability and short lead times due to production in two mills

2. Applications*

- Dry Food
- Chilled Food (secondary packaging)
- Frozen Food
- Fruit and Vegetable
- Beverages (secondary packaging)
- Pharma and Health Care
- Cosmetics and Personal Care
- Other Non-Foods

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](#)

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 MCB or have any further questions, please contact

marketing-boardpaper@mm.group

mm.group/boardpaper

[General Terms of Trade](#)