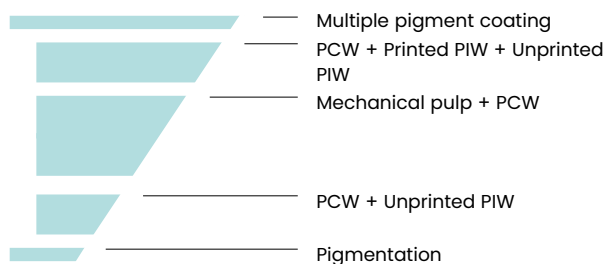


1. Board structure



	% of total	+/- in % of total
Virgin fibre	10	5
Paper from Post Industrial Waste (PIW)	20	10
Paper from Post Consumer Waste (PCW)	60	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
g/m ²	µm / pt					
230	290 / 11.4	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	10.7	4.9
300	410 / 16.1	24.7	11.2	16.6	12.6	5.8
320	435 / 17.1	31.8	13.3	20.6	16.2	6.4
350	490 / 19.3	42.0	17.0	26.7	20.6	7.8
380	540 / 21.3	53.0	21.2	33.5	25.2	10.1
400	565 / 22.2	60.9	24.4	38.5	28.0	11.3
420	590 / 23.2	68.7	27.5	43.5	32.4	12.9
450	625 / 24.6	77.9	31.2	49.3	37.5	15.0

3.

Property	Value	Tolerances	Test standard
Brightness top (%)	82	- 1	ISO 2470-2
Grammage (g/m²)		+/- 2%	ISO 536
Caliper (µm)		+/- 5%, > 350 g/m ² +/- 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
Biodegradability	confirmed	in terms of the norm	EN 13432

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.



MCM – the top-selling recycled cartonboard in Europe – has won many awards. Absolute reliability of delivery is guaranteed as production takes place in four locations: Kolicevo (Slovenia), Frohnleiten (Austria), Neuss (Germany) and Gernsbach (Germany). Customers and distribution partners therefore benefit from maximum supply reliability as well as consistently high quality.

Brightness

Top

82 %

1. Features

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

Forest management

PEFC [CU-PEFC-COC-900931](#)

FSC® [C003336](#)

Environmental manag. [ISO 14001](#)

Food Safety [ISO 22000](#)

Quality management [ISO 9001](#)

4. Mill Information

MM Kolicevo (Slovenia) offers the following features:

- Board machine with swing mode
- Flexible production of virgin fibre and recycled cartonboard as well as liner
- Experienced, innovative production team and professional technical support
- 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 dust free, climatized	20–23°C	50–55%

Please store in undamaged original wrapping film.

6. Acclimatisation

Temperature difference Pallet to printing room 20°C	Time in printing room before unpacking in hours		
5°C	10	11	12
10°C	20	22	24
15°C	30	34	35
20°C	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, 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 or have any further questions, please contact

marketing-boardpaper@mm.group

mm.group/board-paper

[General Terms of Trade](#)