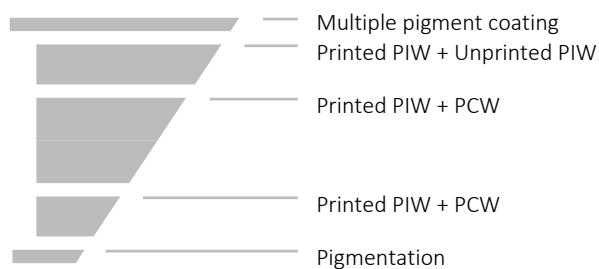


1 Board structure



	% of total	+/- in % of total
Paper from Post Industrial Waste (PIW)	30	10
Paper from Post Consumer Waste (PCW)	55	10
Pigment coating	15	5
Total	100	

2 Technical specifications

Grammage	Caliper	Burst strength	SCT cd
g/m ²	μm / pt	kPa	kN/m
180	200 / 7.9	360	2.6
195	225 / 8.9	380	2.8
210	245 / 9.6	400	2.9
230	270 / 10.6	420	3.1
250	310 / 12.2	440	3.3
280	350 / 13.8	470	3.6

Property	Value	Tolerances	Test standard
Brightness top (%)	80	- 1	ISO 2470-2
Smoothness PPS top (μm)	2.0	≤ 2.5	ISO 8791-4
Gloss 75° (%)	> 45		ISO 8254
Grammage (g/m ²)		+/- 2%	ISO 536
Caliper (μm)		+/- 5%	ISO 534
Burst strength (kPa)		- 10%	ISO 2759
SCT cd (kN/m)		- 0.3	ISO 9895
Testing climate	23°C	+/- 1°C	
	50%	+/- 2% rh	ISO 187
Recyclability	confirmed	in terms of the norm	EN 13430
Biodegradability	confirmed	in terms of the norm	EN 13432



MM Liner – the liner for high-volume applications – has been well-established in the market for many years for all forms of corrugated board applications. MM Liner combines an attractive appearance with optimum economic and ecological performance and is produced both in Kolicevo (Slovenia) and in Neuss (Germany) in accordance with the MultiMill concept. MM Liner meets important market requirements – consistent quality and high reliability of supply combined with short lead times.

Brightness

Top

80 %

1 Features

- High efficiency in printing process and further converting steps
- Good brightness
- Good smoothness and gloss
- MultiMill concept: high supply reliability and short lead times due to production in two mills

2 Applications*

- Fruit and Vegetable
- Beverages (secondary packaging)
- Detergent (powder)
- Shelf-Ready Packaging
- Other Non-Foods

3 Mill Certificates

Downloadable certifications

Forest management

PEFC [06-33-215](#)

FSC® [C003336](#)

Environmental manag. [ISO 14001](#)

Hygiene management [EN 15593 \(HACCP\)](#)

Food Safety [ISO 22000](#)

Quality management [ISO 9001](#)

4 Mill Information

The mill Kolicevo (Slovenia) offers the following features:

- Board machine with swing mode
- Flexible production of virgin fibre and recycled cartonboard as well as liner
- Pioneer of product innovations (e.g. natural Kraft cartonboard)
- 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 m ³	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 MM Liner or have any further questions, please contact

marketing-boardpaper@mm.group

www.mm-boardpaper.com

[General Terms of Trade](#)