

MM LINER

MML / LIN

Code no. 44103

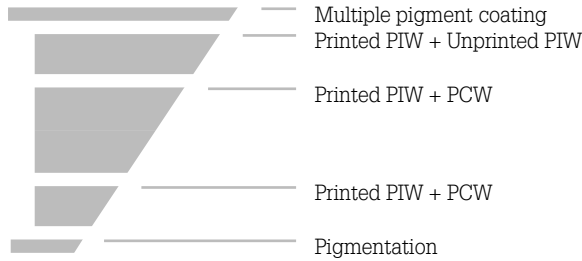


Mill

Kolicevo Karton d.o.o. Proizvodnja kartona d.o.o., Slovenia

Last update of values 21.07.2019

1 Board structure



	% of total board	+/- in % of total
PIW	30	10
PCW	55	10
Pigment coating	15	5
Total	100	

2 Technical specifications

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

Property	Value	Tolerances	Test standard
Brightness top (% Elrepho)	80	- 1	ISO 2470-2
Smoothness PPS top (µm)	2.0	≤ 2.5	ISO 8791-4
Gloss 75° (%)	> 45		ISO 8254
Grammage (g/m²)		+/- 2%	EN ISO 536
Caliper (µm)		+/- 5%	EN 20534
Burst strength (kPa)		- 10%	ISO 2759
SCT cd (kN/m)		- 0.3	ISO 9895
Testing climate	23°C	+/- 1°C	EN ISO 186
	50%	+/- 2% rh	
Recyclability	confirmed	in terms of the norm	EN 13430
Biodegradability	confirmed	in terms of the norm	EN 13432

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MML / LIN / White Top Coated Recycled Liner

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Mill

Kolicevo Karton d.o.o. Proizvodnja kartona d.o.o., Slovenia

Last update of values 08.07.2019



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

grammages:

180 195 210 230 250 280 g/m²

3 Mill Certificates

Downloadable certifications

Forest management

FSC® [TUVDC-COC-100867-F](#)

FSC® [TUVDC-CW-100867-F](#)

PEFC™ [DC-COC-000867](#)

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

Quality management [ISO 9001](#)

2 Applications*

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

4 Mill Informations

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

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