

# MM LINER

MML / LIN

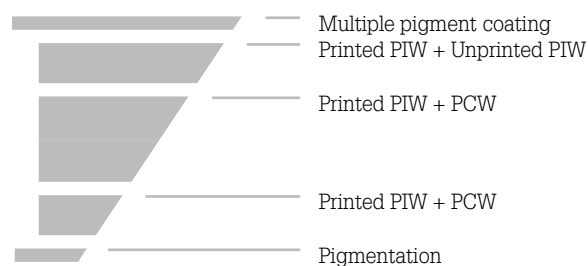
Code no. 44103



Mill

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

## 1 Board structure



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

## 2 Technical specifications

<b>Grammage</b>	<b>Caliper</b>	<b>Burst strength</b>	<b>SCT cd</b>
g/m <sup>2</sup>	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

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

# MM LINER

MML / LIN / White Top Coated Recycled Liner

Code no. 44103



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Last update of values 21.11.2018



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/m<sup>2</sup>

## 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.