

# EXCELLENT TOP

EXCT / GC2

Code no. 12100

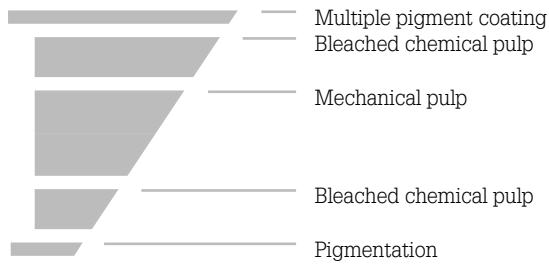


Mill

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

Last update of values 23.04.2019

## 1 Board structure



	% of total board	+/- in % of total
<b>Virgin fibre</b>	90	5
<b>Pigment coating</b>	10	5
<b>Total</b>	100	

## 2 Technical specifications

Grammage	Caliper	Stiffness				
		L&W 5° md	L&W 5° cd	L&W	Taber 15° md	Taber 15° cd
g/m <sup>2</sup>	µm	mNm	mNm	$\sqrt{(md \times cd)}$	mNm	mNm
215	340	17.1	7.2	11.1	9.5	4.0
230	350	21.7	9.0	14.0	12.6	5.0
250	390	27.6	11.7	18.0	16.1	6.7
275	450	36.4	15.8	24.0	19.0	8.3
300	500	47.0	20.4	31.0	24.9	10.4
325	550	57.0	25.3	38.0	29.4	12.4
350	600	69.7	31.7	47.0	36.4	15.4
375	650	84.5	38.4	57.0	42.1	17.5
400	700	99.7	46.4	68.0	48.8	21.5

Property	Value	Tolerances	Test standard
<b>Brightness top (% Elrepho)</b>	85	- 1	ISO 2470-2
<b>Grammage (g/m<sup>2</sup>)</b>		+/- 2%	EN ISO 536
<b>Caliper (µm)</b>		+/- 5%, > 350 g/m <sup>2</sup> +/- 3%	EN 20534
<b>Stiffness (mNm)</b>		- 15% <sup>1</sup>	DIN 53121
<b>Testing climate</b>	23°C	+/- 1°C	EN ISO 186
	50%	+/- 2% rh	
<b>Recyclability</b>	confirmed	in terms of the norm	EN 13430
<b>Biodegradability</b>	confirmed	in terms of the norm	EN 13432

<sup>1</sup>Permissible: -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 figures are binding, Taber figures are indicative.

All figures mentioned above may be subject to technical changes.

# EXCELLENT TOP

EXCT / GC2 / Virgin Fibre Cartonboard

Code no. 12100



Mill

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

Last update of values 11.03.2019



Excellent Top – the reliable cartonboard – consistently impresses with its good printability and best finishing characteristics. Produced in accordance with the MultiMill concept in Kolicevo, Slovenia, and Baiersbronn, Germany, Excellent Top meets important market requirements: consistent quality and high supply security, combined with short lead times.

## Brightness

Top

85 %

## 1 Features

- consistent, stable quality
- good brightness
- MultiMill concept: high supply security and short lead times due to production in two mills

grammages:

215 230 250 275 300 325 350 375 400 g/m<sup>2</sup>

## 2 Applications\*

- Dry Food
- Chilled Food (secondary packaging)
- Frozen Food
- Chocolate and Confectionery
- Fast Food and Food Service
- Pharma and Health Care
- Cosmetics and Personal Care

## 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](#)

## 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 are only the declaration of compliance and the sensory statement issued by MM Karton for each individual type of cartonboard.

If you are interested in Excellent Top or have any further questions, please contact [FB@mm-karton.com](mailto:FB@mm-karton.com) [www.mm-karton.com](http://www.mm-karton.com)