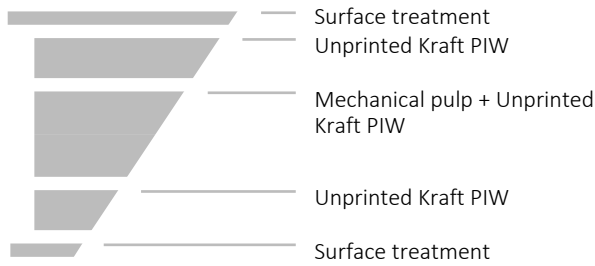


## 1 Board structure



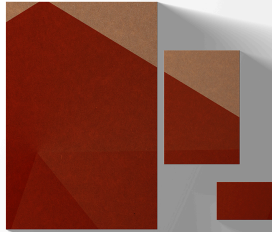
	% of total	+/- in % of total
Virgin fibre	50	10
Kraft PIW	50	10
<b>Total</b>	<b>100</b>	

## 2 Technical specifications

Grammage	Caliper	Stiffness				
		L&W 5° md	L&W 5° cd	L&W 5°	Taber 15° md	Taber 15° cd
g/m <sup>2</sup>	µm	mNm	mNm	$\sqrt[3]{(md \times cd)}$	mNm	mNm
215	340	19.0	6.0	10.7	10.0	3.2
230	420	29.0	9.5	16.6	14.8	5.0
250	450	32.5	11.5	19.3	16.1	6.0
280	512	44.0	14.5	25.3	23.3	7.5
300	560	50.0	16.5	28.7	25.5	8.4
320	586	56.5	18.2	32.1	29.9	9.6

Property	Value	Tolerances	Test standard
Cobb 60 sec. top (g/m <sup>2</sup> )	< 25		DIN EN ISO 535
Cobb 60 sec. reverse (g/m <sup>2</sup> )	< 25		DIN EN ISO 535
Grammage (g/m <sup>2</sup> )		+/- 2%	EN ISO 536
Caliper (µm)		+/- 5%, > 350 g/m <sup>2</sup> +/- 3%	EN 20534
Stiffness (mNm)		- 15% <sup>1</sup>	DIN 53121
Testing climate	23°C 50%	+/- 1°C +/- 2% rh	EN ISO 186
Recyclability	confirmed	in terms of the norm	EN 13430
Biodegradability	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 5° figures are binding, Taber figures are indicative. All figures mentioned above may be subject to technical changes.



Browncolor – the recycled Kraft cartonboard for a unique, natural presentation – reflects the trend towards brown packaging material. The consistently natural brown colour of top and reverse sides with a perfect surface offers a natural appearance while at the same time giving very good printing properties. Brown cartonboard packaging is in fashion for showcasing products at the POS while conveying a natural feel and even higher ecological aspirations.

## 1 Features

- brown Kraft top and reverse sides
- tailor-made to meet the growing trend towards brown packaging material
- good printability – due to special preparation of the top side
- high stability
- excellent stiffness
- very good Cobb value on both sides

## 2 Applications\*

- Dry Food
- Chilled Food (secondary packaging)
- Frozen Food
- Food Service
- Fruit and Vegetable
- 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 Information

The mill Količevo (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
Standard dust free	max 40°C	25-80%
Favorable dust free, climatised	20-25°C	40-55%

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 <sup>3</sup>	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 Browncolor or have any further questions, please contact

[marketing-boardpaper@mm.group](mailto:marketing-boardpaper@mm.group)

[www.mm-boardpaper.com](http://www.mm-boardpaper.com)

[General Terms of Trade](#)