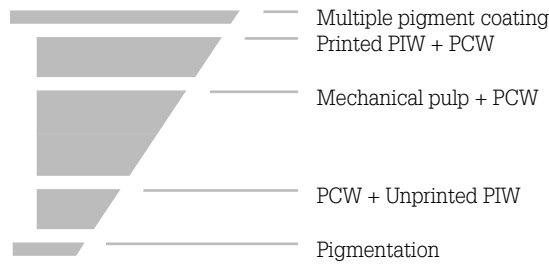


1 Board structure



	% of total board	+/- in % of total
Virgin fibre	10	5
PIW	20	10
PCW	60	10
Pigment coating	10	5
Total	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 ²	µm	mNm	mNm	$\sqrt{(md \times cd)}$	mNm	mNm
250	320	13.9	5.6	8.8	7.8	3.1
270	350	17.7	7.1	11.2	9.8	3.9
280	365	19.6	7.9	12.4	10.7	4.3
300	395	23.9	9.6	15.1	12.7	5.1
320	420	27.6	11.1	17.5	15.2	6.1
350	460	36.4	14.6	23.1	19.3	7.7
380	505	45.8	18.3	29.0	23.8	9.6
400	535	53.7	21.5	34.0	26.6	10.7
450	615	69.9	28.0	44.2	34.1	13.7

Property	Value	Tolerances	Test standard
Brightness top (% Elrepho)	79	- 1	ISO 2470-2
Grammage (g/m²)		+/- 2%	EN ISO 536
Caliper (µm)		+/- 5%, > 350 g/m ² +/- 3%	EN 20534
Stiffness (mNm)		- 15% ¹	DIN 53121
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

¹Permissible: -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.
Vs. last version only board structure was changed, technical values stay unchanged.



Multicolor Mirabell Eco – the economic choice – combines ecological with economic benefits.

Brightness

Top

79 %

1 Features

- good brightness
- good smoothness and opacity
- good converting results
- consistent, stable quality

3 Mill Certificates

Downloadable certifications

Forest management

FSC® [TUVDC-COC-100867-A](#)

FSC® [TUVDC-CW-100867-A](#)

PEFC™ [DC-COC-000867](#)

Environmental manag. [ISO 14001](#)

[EMAS](#)

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

Quality management [ISO 9001](#)

2 Applications*

- Fruit and Vegetable
- Beverages (secondary packaging)

4 Mill Informations

The mill Frohnleiten (Austria) offers the following features:

- pioneer of the latest technologies and innovations
- largest R&D center in the cartonboard industry globally
- highest production capacity in the European cartonboard industry
- 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.

If you are interested in Multicolor Mirabell™ Eco or have any further questions, please contact WLC@mm-karton.com www.mm-karton.com