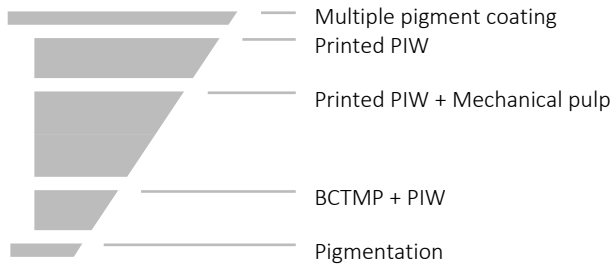


1 Board structure



	% of total	+/- in % of total
Virgin fibre	17	5
PIW	70	10
Pigment coating	13	5
Total	100	

2 Technical specifications

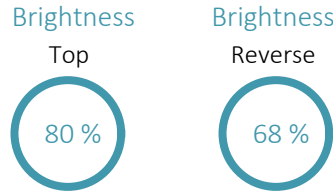
Grammage	Caliper	Stiffness				
		L&W 5° md	L&W 5° cd	L&W 5°	Taber 15° md	Taber 15° cd
g/m ²	µm	mNm	mNm	$\sqrt[3]{(md \times cd)}$	mNm	mNm
250	350	17.0	7.7	11.4	8.2	3.7
280	400	23.9	10.9	16.1	11.6	5.3
300	430	28.6	13.0	19.3	14.7	6.7
320	460	35.4	16.1	23.9	17.5	7.9
350	510	46.4	21.1	31.3	23.0	10.5

Property	Value	Tolerances	Test standard
Brightness top (% Elrepho)	80	+/-1	ISO 2470-2
Brightness reverse (% Elrepho)	68	+/- 2	ISO 2470-2
Grammage (g/m ²)		+/- 2%	EN ISO 536
Caliper (µm)		+/- 5%, > 350 g/m ² +/- 3%	EN 20534
Stiffness (mNm)		- 15% ¹	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

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 5° figures are binding, Taber figures are indicative. All figures mentioned above may be subject to technical changes.



Topcolor – the most beautiful GT on the European market – stands out above all on account of its perfect surface and particularly bright reverse side. Topcolor impresses with its good organoleptic qualities. Only Post Industrial White Recycled Fibres are used for the production of Topcolor.



1 Features

- high brightness on top and reverse sides
- meets highest organoleptic demands
- high stability – best-selling GT1 in Europe

2 Applications*

- Dry Food
- Chocolate and Confectionery
- Food Service
- Fruit and Vegetable
- Beverages (secondary packaging)
- Cosmetics and Personal Care
- Graphical Applications

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](#)

4 Mill Information

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

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 ³	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 Topcolor or have any further questions, please contact

marketing-boardpaper@mm.group

www.mm-boardpaper.com

[General Terms of Trade](#)