

# MULTICOLOR BELVEDERE

Code no. 32139



MCB / GT2

Mill

MM Frohnleiten GmbH, Austria

## 1 Board structure

	% of total	+/- in % of total
Multiple pigment coating		
Printed PIW + PCW + Unprinted PIW	15	5
Mechanical pulp + PCW	20	10
BCTMP + Bleached chemical pulp + Unprinted PIW	55	10
Pigmentation	10	5
<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
		mNm	mNm	$\sqrt[3]{(md \times cd)}$	mNm	mNm
230	305 / 12.0	10.1	4.6	6.8	5.4	2.5
250	340 / 13.4	15.4	7.0	10.4	7.5	3.4
280	380 / 15.0	20.9	9.5	14.1	10.8	4.9
300	410 / 16.1	25.0	11.4	16.9	13.2	6.0
320	435 / 17.1	31.8	13.3	20.6	16.2	6.8
350	490 / 19.3	43.0	17.2	27.2	20.6	7.8
380	540 / 21.3	54.6	21.9	34.6	25.3	10.1
400	565 / 22.2	61.8	24.8	39.1	28.2	11.3
420	590 / 23.2	70.6	28.3	44.7	32.5	13.0
450	625 / 24.6	78.7	31.5	49.8	37.9	15.2
500	690 / 27.2	98.4	39.4	62.3	49.7	19.9
550	770 / 30.3	122.7	49.1	77.6	61.3	24.5

Property	Value	Tolerances	Test standard
Brightness top	82	- 1	ISO 2470-2
Brightness reverse	68	+/- 2	ISO 2470-2
Grammage (g/m <sup>2</sup> )		+/- 2%	ISO 536
Caliper (µm)		+/- 5%, > 350 g/m <sup>2</sup> +/- 3%	ISO 534
Stiffness (mNm)		- 15% <sup>1</sup>	DIN 53121
Testing climate	23°C 50%	+/- 1°C +/- 2% rh	ISO 187
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.

# MULTICOLOR BELVEDERE

MCB / GT2 / Recycled Cartonboard

Code no. 32139



Mill

MM Frohnleiten GmbH, Austria

Last update of values 08.11.2022



Multicolor Belvedere – the top-selling GT on the European market – is available in a wide grammage range. Multicolor Belvedere meets important market requirements – consistent quality and high supply security, combined with short lead times.

Brightness

Top

82 %

Brightness

Reverse

68 %

## 1 Features

- high brightness
- very good smoothness and opacity
- high stiffness

## 2 Applications\*

- Dry Food
- Chilled Food (secondary packaging)
- Frozen Food
- Fruit and Vegetable
- Beverages (secondary packaging)
- Pharma and Health Care
- Cosmetics and Personal Care

## 3 Mill Certificates

Downloadable certifications

Forest management

PEFC [06-33-215](#)

FSC® [C003336](#)

Environmental manag. [ISO 14001](#)

[EMAS](#)

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

Food Safety [ISO 22000](#)

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
Favorable dust free, climatized	20-23°C	50-55%

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 m³	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 Multicolor Belvedere or have any further questions, please contact

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

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