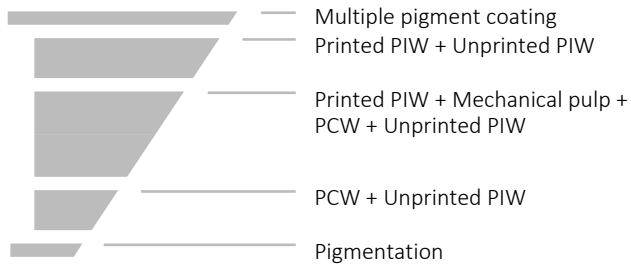


1 Board structure



	% of total	+/- in % of total
Virgin fibre	20	10
PIW	50	10
PCW	20	10
Pigment coating	10	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	$\sqrt{(md \times cd)}$	mNm	mNm
280	410	23.0	9.5	14.8	13.3	5.5
300	445	28.8	13.2	19.5	16.8	6.9
325	490	36.5	16.0	24.2	21.1	8.6
350	530	45.9	20.4	30.6	25.4	10.3
375	580	56.5	25.1	37.7	31.5	12.2
400	620	68.8	27.5	43.5	37.0	14.6
425	660	80.5	33.5	51.9	41.2	16.5

Property	Value	Tolerances	Test standard
Brightness top (% Elrepho)	82	- 1	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.



Venoplex – the highest quality recycled cartonboard on the European market – impresses with high stiffness, optimum runnability and excellent printability. With a high degree of brightness on the top side, brilliant gloss and outstanding smoothness, this GD2 product guarantees a "glossy" appearance on the shelf.

Brightness

Top

82 %

1 Features

- high brightness
- high stiffness
- optimum runnability
- excellent printing performance

2 Applications*

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

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 Venoplex or have any further questions, please contact

marketing-boardpaper@mm.group

www.mm-boardpaper.com

[General Terms of Trade](#)