MULTICOLOR MIRABELL

Code no. 42127

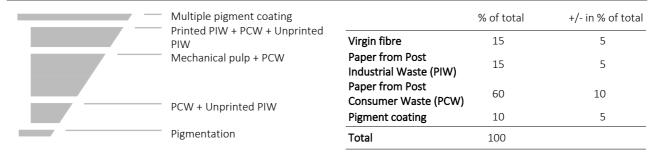


Mill

MCM / GD2

MM Frohnleiten GmbH, Austria

Board structure



2 Technical specifications

Grammage	Caliper	Stiffness				
		L&W 5° md	L&W 5° cd	L&W 5°	Taber 15° md	Taber 15° cd
g/m²	μm / pt	mNm	mNm	$\sqrt{\text{(md x cd)}}$	mNm	mNm
230	290 / 11.4	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	10.7	4.9
300	410 / 16.1	24.7	11.2	16.6	12.6	5.8
320	435 / 17.1	31.8	13.3	20.6	16.2	6.4
350	490 / 19.3	42.0	17.0	26.7	20.6	7.8
380	540 / 21.3	53.0	21.2	33.5	25.2	10.1
400	565 / 22.2	60.9	24.4	38.5	28.0	11.3
420	590 / 23.2	68.7	27.5	43.5	32.4	12.9
450	625 / 24.6	77.9	31.2	49.3	37.5	15.0
500	690 / 27.2	96.1	38.5	60.8	47.0	18.8
550	760 / 29.9	121.4	48.5	76.7	60.3	24.1

Value	Tolerances	Test standard	
82	-1	ISO 2470-2	
	+/- 2%	ISO 536	
	+/- 5%, > 350 g/m² +/- 3%	ISO 534	
	- 15%¹	DIN 53121	
23°C 50%	+/- 1°C +/- 2% rh	ISO 187	
confirmed	in terms of the norm	EN 13430	
confirmed	in terms of the norm	EN 13432	
	82 23°C 50% confirmed	82 - 1 +/- 2% +/- 5%, > 350 g/m² +/- 3% - 15%¹ 23°C +/- 1°C 50% +/- 2% rh confirmed in terms of the norm	

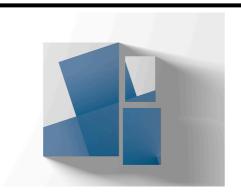
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MCM / GD2 / Recycled Cartonboard

Mill MM Frohnleiten GmbH, Austria



Multicolor Mirabell – the top-selling recycled cartonboard in Europe – has won many awards. The reliability of delivery is guaranteed as production takes place in two locations: Frohnleiten (Austria) and Gernsbach (Germany). Customers and distribution partners therefore benefit from maximum supply reliability as well as consistently high quality.

Brightness

Тор



- High brightness
- Very good smoothness and opacity
- High stiffness
- MultiMill concept: high supply reliability and short lead times due to production in two mills



Dry Food

Applications*

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



Mill Certificates

Downloadable certifications

Forest management

PEFC 06-33-215 FSC® C003336

Environmental manag. ISO 14001

EMAS

Food Safety ISO 22000 Quality management ISO 9001



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



Storage Recommendation

Storage conditions	temperature	relative humidity
Favorable	20-23°C	50-55%
dust free, climatised		

Please store in undamaged original wrapping film.

Acclimatisation

Temperature difference Pallet	Time in printing room before			
to printing room 20°C	unpacking in hours			
	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.