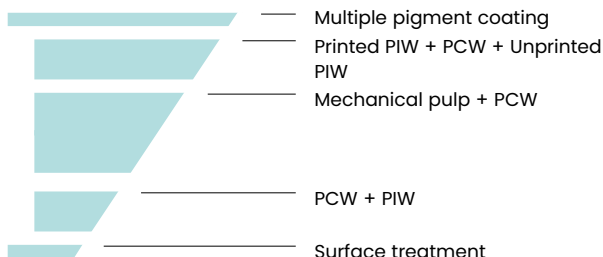


1. Board structure



	% of total	+/- in % of total
Virgin fibre	15	5
Paper from Post Industrial Waste (PIW)	15	5
Paper from Post Consumer Waste (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 5°	Taber 15° md	Taber 15° cd
		mNm	mNm	$\sqrt[3]{(md \times cd)}$	mNm	mNm
g/m²	µm / pt					
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

3.

Property	Value	Tolerances	Test standard
Brightness top (%)	82	- 1	ISO 2470-2
Grammage (g/m²)		+/- 2%	ISO 536
Caliper (µm)		+/- 5%, > 350 g/m² +/- 3%	ISO 534
Stiffness (mNm)		- 15% ¹	DIN 53121
Testing climate	23°C 50%	+/- 1°C +/- 2% rh	ISO 187
Recyclability	confirmed	in terms of the norm	EN 13430

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.



Discover MCB BROWN: Where Classic White Meets Natural Brown! The brown reverse side creates a natural appearance, while the high brightness on the top side enables vibrant printing results. MCB BROWN is known for its consistently high quality, good stiffness and smooth converting.

Brightness

Top

82 %

1. Features

- Natural brown reverse side
- High brightness on the top side
- Excellent printability and consistently high quality
- High bulk and good stiffness
- Smooth converting even at high speeds

3. Mill Certificates

Downloadable certifications

Chain of Custody

Our products are also available with FSC® or PEFC certification on request.

[FSC® \(FSC®-C003336\)](#)

[PEFC \(PEFC/06-33-215\)](#)

Environmental manag. [ISO 14001](#)

[EMAS](#)

Food safety [ISO 22000](#)

Quality management [ISO 9001](#)

2. Applications*

- Dry Food
- Chilled Food (secondary packaging)
- Frozen Food
- Fruit and Vegetable
- Cosmetics and Personal Care
- Detergent (powder)
- Other Non-Foods

4. Mill Information

The mill Frohnleiten (Austria) offers the following features:

- Pioneer of the latest technologies and innovations
- Excellently equipped R&D center
- Highest production capacity of coated recycled cartonboard for folding cartons in Europe
- 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	20-23°C	50-55%
dust free, climatized	68-73.4°F	

Please store in undamaged original wrapping film.

6. Acclimatisation

Temperature difference Pallet to printing room 20°C / 68°F	Time in printing room before unpacking in hours		
5°C / 4°F	10	11	12
10°C / 50°F	20	22	24
15°C / 59°F	30	34	35
20°C / 68°F	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 / 71.6-73.4°F, 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 MCB BROWN or have any further questions, please contact

marketing-boardpaper@mm.group

mm.group/boardpaper

[General Terms of Trade](#)