

TOPCOLOR PURE BROWN

TC PU BR / UT4

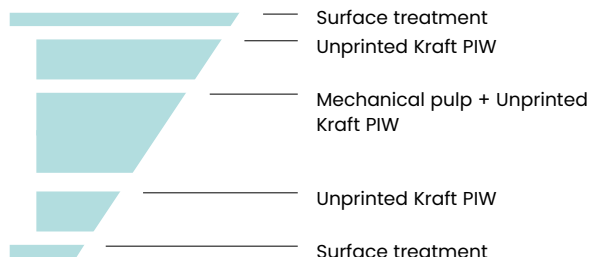
Code no. 64112



Mill

MM Kolicevo d.o.o., Slovenia

1. Board structure



	% of total	+/- in % of total
Virgin fibre	50	10
Kraft PIW	50	10
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/m²	µm / pt	mNm	mNm	$\sqrt[3]{(md \times cd)}$	mNm	mNm
215	340 / 13.4	19.0	6.0	10.7	10.0	3.2
230	420 / 16.5	29.0	9.5	16.6	14.8	5.0
250	450 / 17.7	32.5	11.5	19.3	16.1	6.0
280	512 / 20.2	44.0	14.5	25.3	23.3	7.5
300	560 / 22.0	50.0	16.5	28.7	25.5	8.4
320	586 / 23.1	56.5	18.2	32.1	29.9	9.6

3.

Property	Value	Tolerances	Test standard
Cobb 60 sec. top (g/m²)	< 25		DIN EN ISO 535
Cobb 60 sec. reverse (g/m²)	< 25		DIN EN ISO 535
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.



TOPCOLOR PURE BROWN – the recycled Kraft cartonboard for a unique, natural presentation – reflects the trend towards brown packaging material. The consistently natural brown colour of top and reverse sides with a perfect surface offers a natural appearance while at the same time giving very good printing properties. Brown cartonboard packaging is in fashion for showcasing products at the POS while conveying a natural feel and even higher ecological aspirations.

1. Features

- Brown Kraft top and reverse sides
- Tailor-made to meet the growing trend towards brown packaging material
- Good printability – due to special preparation of the top side
- High stability
- Excellent stiffness
- Very good Cobb value on both sides

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**

Food safety **ISO 22000**

Quality management **ISO 9001**

2. Applications*

- Dry Food
- Chilled Food (secondary packaging)
- Frozen Food
- Food Service
- Fruit and Vegetable
- Cosmetics and Personal Care

4. Mill Information

MM Kolicevo (Slovenia) offers the following features:

- Board machine with swing mode
- Flexible production of virgin fibre and recycled cartonboard as well as liner
- Experienced, innovative production team and professional technical support
- 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.