

ACCURATE TOP NATURAL FREEZE

ACN FR vegan / GC2

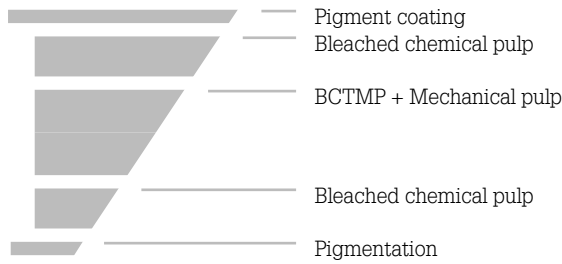
Code no. 12247

Mill

Folding Boxboard Eerbeek B.V., Netherlands

Last update of values 16.04.2023

1 Board structure



	% of total board	+/- in % of total
Virgin fibre	95	5
Pigment coating	5	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	$\sqrt{(\text{md} \times \text{cd})}$	mNm	mNm
235	400	22.0	11.5	15.9	11.9	6.0
255	440	28.5	14.3	20.2	15.0	7.6
265	460	32.0	15.8	22.5	16.7	8.5
280	490	37.0	18.6	26.2	19.7	10.0
295	520	41.6	21.4	29.8	22.7	11.6

Property	Value	Tolerances	Test standard
Brightness top (% Elrepho)	85	- 1	ISO 2470-2
Cobb 180 sec. top (g/m²)	60		DIN EN ISO 535
Cobb 180 sec. reverse (g/m²)	50		DIN EN ISO 535
Grammage (g/m²)		+/- 2%	EN ISO 536
Caliper (µm)		+/- 5%, > 350 g/m ² +/- 3%	EN 20534
Stiffness (mNm)		- 15% ¹	DIN 53121
Testing climate	23°C	+/- 1°C	EN ISO 186
	50%	+/- 2% rh	
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.

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Accurate Top Natural Freeze has a sustainable, environmentally friendly moisture barrier (freeze barrier) which guarantees the highest packaging stability even at low temperatures and when temperatures fluctuate. Accurate Top Natural Freeze is based on the proven product Accurate Top Natural, Folding Boxboard Eerbeek B.V.'s virgin fibre cartonboard for a "rustic", natural look. As a vegan cartonboard, ACN FR vegan is certified with the V-Label.

Brightness

Top

85 %

1 Features

- certified vegan cartonboard
- protection from moisture to preserve packaging stability
- "rustic" natural look of top side – special roughness
- stable brightness and colour shade
- fast ink absorption with good colour stability
- top efficiency in converting process (high printing speed, savings in ink by printing on the coated top side)
- excellent, consistent printing results (no set-off of printing inks, good flatness for printed sheets)

2 Applications*

- Chilled Food (secondary packaging)
- Frozen Food
- Food Service
- Beverages (secondary packaging)
- Cosmetics and Personal Care

3 Mill Certificates

Downloadable certifications

Forest management

FSC® [CU-COC-888212](#)

PEFC™ [CU-PEFC-COC-888212](#)

Timber [Reg. 995/2010](#)

Environmental manag. [ISO 14001](#)

Hygiene management [ISO 22000 \(incl. HACCP\)](#)

Quality management [ISO 9001](#)

Energy management [ISO 50001](#)

4 Mill Information

The mill Eerbeek (Netherlands) offers the following features:

- comprehensive portfolio of virgin fibre cartonboard
- including qualities with special barriers against moisture and grease
- experienced, innovative production team and professional technical support
- strategically located to the Western, Eastern and Northern European markets
- flexible leadtimes and excellent service guaranteed

*It is a general recommendation for enduse applications; legally binding is only the declaration of compliance issued by FOLBB for each individual type of cartonboard.