

ACCURATE FREEZE

Code no. 12177

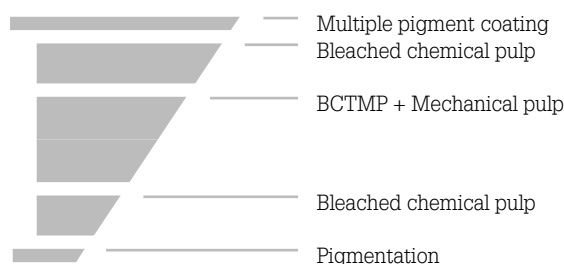
Mill

Folding Boxboard Eerbeek B.V., Netherlands

Last update of values 16.04.2023

AC FR / GC2

1 Board structure



| | % of total board | +/- in % of total |
|------------------------|------------------|-------------------|
| Virgin fibre | 90 | 5 |
| 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 | $\sqrt{(\text{md} \times \text{cd})}$ | mNm | mNm |
| 215 | 340 | 15.0 | 7.6 | 10.7 | 7.7 | 3.6 |
| 230 | 370 | 18.4 | 9.5 | 13.2 | 9.8 | 4.9 |
| 245 | 400 | 22.0 | 11.5 | 15.9 | 11.9 | 6.0 |
| 265 | 440 | 28.5 | 14.3 | 20.2 | 15.0 | 7.6 |
| 275 | 460 | 32.0 | 15.8 | 22.5 | 16.7 | 8.5 |
| 290 | 490 | 37.0 | 18.6 | 26.2 | 19.7 | 10.0 |
| 305 | 520 | 41.6 | 21.4 | 29.8 | 22.7 | 11.6 |
| 325 | 560 | 49.0 | 25.2 | 35.1 | 27.4 | 14.1 |
| 350 | 615 | 60.0 | 31.5 | 43.5 | 34.1 | 17.6 |
| 375 | 670 | 73.0 | 39.0 | 53.4 | 41.9 | 21.6 |
| 400 | 725 | 88.2 | 46.7 | 64.2 | 50.8 | 26.3 |
| 425 | 780 | 105.5 | 55.7 | 76.7 | 60.8 | 31.4 |
| 450 | 840 | 125.0 | 65.1 | 90.2 | 71.8 | 37.1 |

| Property | Value | Tolerances | Test standard |
|--|-----------|---------------------------------------|----------------|
| Brightness top (% Elrepho) | 90 | - 1 | ISO 2470-2 |
| Smoothness PPS top (µm) | 1.0 | ≤ 1.4 | ISO 8791-4 |
| Gloss 75° (%) | > 45 | | ISO 8254 |
| Chromaticity Top L* | 92.5 | +/- 1.0 | ISO 5631-2 |
| Chromaticity Top a* | 2.0 | +/- 1.0 | |
| Chromaticity Top b* | -6.0 | +/- 2.0 | |
| 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.

ACCURATE FREEZE

AC FR / GC2 / Virgin Fibre Cartonboard

Code no. 12177

Mill

Folding Boxboard Eerbeek B.V., Netherlands



Accurate 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 Freeze is based on the proven product Accurate, FOLBB Group's "white" GC2 virgin fibre cartonboard.

Brightness

Top

90 %

1 Features

- protection from moisture to preserve packaging stability
- impressive brightness
- attractive bright reverse side
- high smoothness
- brilliant gloss levels
- meets highest sensory requirements

2 Applications*

- Chilled Food (secondary packaging)
- Frozen Food
- Chocolate and Confectionery
- Food Service
- Fruit and Vegetable

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.