

ALASKA BARRIER

Code no. 10703



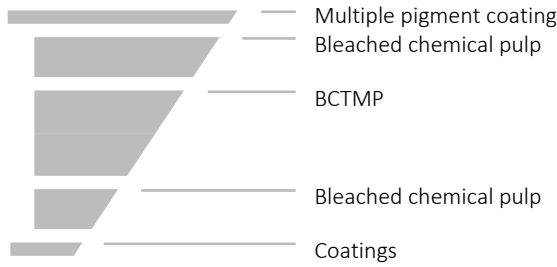
AL BA / GC

Mill

MM Kotkamills, Finland

Last update of values 31.08.2022

1 Board structure



	% of total	+/- in % of total
Virgin fibre	80	10
Coatings	20	10
Total	100	

2 Technical specifications

Grammage	Caliper	Stiffness				Bending Resistance		Moisture
		Taber 15° md	Taber 15° cd	L&W 5° md	L&W 5° cd	L&W 15° md	L&W 15° cd	
g/m ²	µm / pt	mNm	mNm	mNm	mNm	mN	mN	(absolute) %
245	395 / 15.6	12.2	6.3	22.8	11.0	253	130	8.3
260	430 / 16.9	15.0	8.0	28.4	14.4	311	166	8.3
275	455 / 17.9	17.0	9.2	32.4	16.8	352	190	8.5
290	480 / 18.9	19.3	11.0	37.0	20.4	400	228	8.5
310	515 / 20.3	22.2	12.5	42.8	23.4	460	259	8.5
360	600 / 23.6	36.0	18.0	70.4	34.4	745	373	8.5

3

Property	Value	Tolerances	Test standard
Brightness top	87	+/- 2%-units	ISO 2470-2
Smoothness PPS top (µm)	1.3	max 1.6	ISO 8791-4
Gloss 75° (%)	45	> 30	ISO 8254-1
Ply Bond (J/m ²)	130	min 100	TAPPI T569
Cobb 180 sec. top (g/m ²)	50	< 70	ISO 535
WVTR (23°C, RH 50%), r.s. (g/m ² /d)	15		ISO 2528
Grammage (g/m ²)		+/- 4%	ISO 536
Caliper (µm)		+/- 5%	ISO 534
Stiffness (mNm)		-15% ¹	ISO 2493
Moisture absolute (%)		+/- 1%-units	ISO 287
Grease resistance* (h)	168	in terms of the norm	ASTM F119-82
Testing climate	23°C 50%	+/- 1°C +/- 2% rh	EN ISO 187
Recyclability	confirmed	in terms of the norm	EN 13430

¹Permissible: -15% of the target stiffness. Tolerances are based on single measurements of random sheets and a 95% confidence level. The stiffness has to be measured at both sides. Taber figures are binding, L&W figures are indicative. All figures mentioned above may be subject to technical changes.

*Olive Oil



ALASKA BARRIER has a fluorine-free, water-based dispersion barrier that offers outstanding protection for folding carton surfaces from grease. While providing an excellent protection for fresh and frozen food, it ensures stability of packaging through its moisture protection. This quality complements the proven ALASKA portfolio with excellent printability and best finishing characteristics.

Brightness

Top

87 %

1 Features

- Excellent grease resistance
- Moisture protection to preserve packaging stability
- Fluorine-free and water-based dispersion barrier
- Recyclable

2 Applications*

- Dry Food
- Chilled food (direct contact)
- Chilled Food (secondary packaging)
- Frozen Food
- Food Service

3 Mill Certificates

Downloadable certifications

Forest management

FSC® [INS-COC-100038](#)

PEFC [2177-17](#)

Environmental manag. [ISO 14001](#)

Food Safety [ISO 22000](#)

Quality management [ISO 9001](#)

Health & safety [ISO 45001](#)

4 Mill Information

MM Kotkamills (Finland) offers the following features:

- Europe's most modern virgin fibre cartonboard machine
- Specialized in virgin fibre qualities for food service/challenging applications
- Portfolio of light-weighted FBB including qualities with sustainable barrier boards against moisture and grease
- Innovative production team and professional technical support
- Located in Kotka next to the biggest export harbor of Finland

5 Storage Recommendation

Storage conditions	temperature	relative humidity
Favorable dust free, climatized	20-25°C	40-55%

Please store in undamaged original wrapping film.

6 Acclimatisation

Temperature difference Pallet to printing room 20°C	Time in printing room before unpacking in hours
5°C	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 are only the declaration of compliance and the sensory statement issued by MM Board & Paper for each individual type of cartonboard.

If you are interested in ALASKA BARRIER or have any further questions, please contact

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www.mm-boardpaper.com

[General Terms of Trade](#)