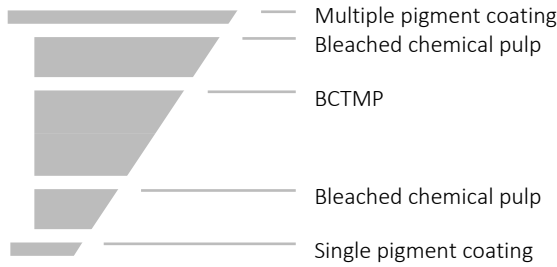


1 Board structure



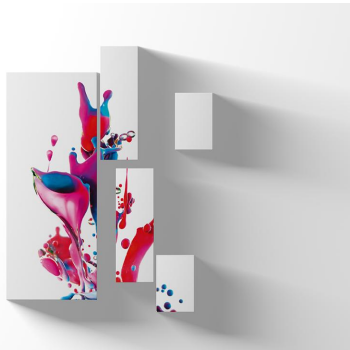
	% of total	+/- in % of total
Virgin fibre	85	10
Pigment coating	15	10
Total	100	

2 Technical specifications

Grammage	Caliper	Stiffness				Bending Resistance		Moisture (absolute) %
		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	
200	285 / 11.2	6.0	3.4	10.3	5.2	124	70	8.0
210	305 / 12.0	7.7	4.0	13.8	6.3	159	82	8.0
220	325 / 12.8	9.7	4.8	17.7	8.0	200	99	8.0
235	355 / 14.0	12.0	6.0	22.4	10.4	248	124	8.0
245	375 / 14.8	14.0	6.8	26.4	12.0	290	141	8.0
255	395 / 15.6	16.0	7.8	30.4	14.0	331	161	8.5
270	425 / 16.7	19.0	9.1	36.4	16.6	393	188	8.5
280	445 / 17.5	20.8	10.0	40.0	18.4	431	207	8.7
290	470 / 18.5	23.3	11.2	45.0	20.8	482	232	8.7
305	500 / 19.7	27.0	13.0	52.4	24.4	559	269	9.0
330	550 / 21.7	34.0	16.0	66.4	30.4	704	331	9.0
355	600 / 23.6	41.0	20.0	80.4	38.4	849	414	9.0

Property	Value	Tolerances	Test standard
Brightness top	91	+/- 2%-units	ISO 2470-2
Brightness reverse	86	+/- 2%-units	ISO 2470-2
Smoothness PPS top (µm)	1.3	max 1.6	ISO 8791-4
Gloss 75° (%)	45	> 30	ISO 8254-1
L* D65 Top	95.0	+/- 1	ISO 5631-2
a* D65 Top	1.6	+/- 1	
b* D65 Top	-3.5	+/- 1	
Ply Bond (J/m ²)	130	min 100	TAPPI T569
Cobb 180 sec. top (g/m ²)	50	< 70	ISO 535
Cobb 180 sec. reverse (g/m ²)	50	< 70	ISO 535
Grammage (g/m ²)		+/- 4%	ISO 536
Caliper (µm)		+/- 5%	ISO 534
Stiffness (mNm)		-15% ¹	ISO 2493
Moisture absolute (%)		+/- 1%-units	ISO 287
Testing climate	23°C	+/- 1°C	ISO 187
	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. 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.



ALASKA BRIGHT has excellent printability and outstanding surface characteristics that support the most creative packaging designs. The product stands out with superior convertability and reliability of use for a wide range of applications. Thanks to good runnability it enables high efficiency in packaging production and is ideally suited to various special visual effects that increase brand value.

Brightness

Top

91 %

Brightness

Reverse

86 %

1 Features

- Surface characteristics ensuring very good printability
- Good smoothness
- Great yield

3 Mill Certificates

Downloadable certifications

Forest management

PEFC [32-31-049](#)

FSC® [C005528](#)

Environmental manag. [ISO 14001](#)

Food Safety [ISO 22000](#)

Quality management [ISO 9001](#)

Health & safety [ISO 45001](#)

2 Applications*

- Pharma and Health Care
- Cosmetics and Personal Care
- Graphical Applications
- Other Non-Foods

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	20-23°C	50-55%

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 BRIGHT or have any further questions, please contact

marketing-boardpaper@mm.group

www.mm-boardpaper.com

[General Terms of Trade](#)



FIBRE based
solutions

CERTIFICATE

on the evaluation of recyclability within the paper industry

MM Kotkamills Boards Oy
P.O. Box 62-63
48101 Kotka,
Finland

On the basis of the laboratory analysis and in accordance with the criteria of the PTS method PTS-RH 021:2012 (Draft Oct 2019) the sample described below

Product name	ALASKA® BRIGHT (Former name: Aegle White)
Product description	Semi-finished packaging product: Fully coated folding box-board (GC1) with coated reverse side (200 – 355 gsm, tested 235 gsm)
Product category acc. toll – Packaging products as well as paper and board PTS-RH 021:2012	(for the manufacture of packaging products)
Recyclable percentage¹	> 99 %

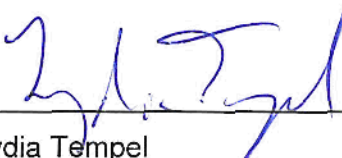
is classified as

‘recyclable’

Within standard stock preparation of the packaging paper industry.

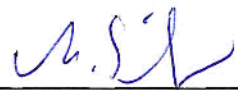
This certificate loses its validity in case of qualitative or quantitative changes of the components of the tested sample and is only applicable in connection with the test report No. AB.0001048-K1 dated 08th September 2022.

Heidenau, 08th September 2022


Lydia Tempel
Head of Business Unit
Smart & Circular Solutions



FIBRE based
solutions


Mike Schiefer
Method supervisor

¹ Recyclable percentage (Fibre yield) means the percentage suitable for recycling or usable in papermaking. It corresponds to total mass of the sample (50g oven-dry \pm 100%) less total reject