

Suinteresuotoms šalims

Pažyma Nr. 1/01

2023-01-09

## DĖL CTP SKAITMENINIŲ SPAUDOS FORMŲ GAMYBOS SISTEMOS

Šiuo raštu pažymime, kad mūsų įmonėje turima Heidelberg 74 CtP skaitmeninių spaudos formų gamybos sistema gali eksponuoti tiek spaudos formas reikalaujančias tolimesnio cheminio ryškinimo, tiek ir bechemines spaudos formas, kurių apdirbimui nenaudojami ofsetinių formų ryškinimo procesai.

Savininkas ir vadovas

Saulius Jokužys

Renata Matilionienė [renata@spaustuve.lt](mailto:renata@spaustuve.lt) +37068222613

# Environmental declaration

Product Scandia 2000

Information gathered from 01.01.2020 to 31.12.2020

Date of issue 25.05.2021

## Environmental management

Certified environmental management system at the mill ISO 14001:2015

Company systems ensure traceability of the origin of wood  yes  no

Environmental aspects of wood procurement 100% from sustainable managed forests, FSC® or PEFC™

## Environmental parameters

The figures are based on methods and procedures of measurement approved by the local (or national) environmental regulators at the production site. The figures include both paper and pulp production.

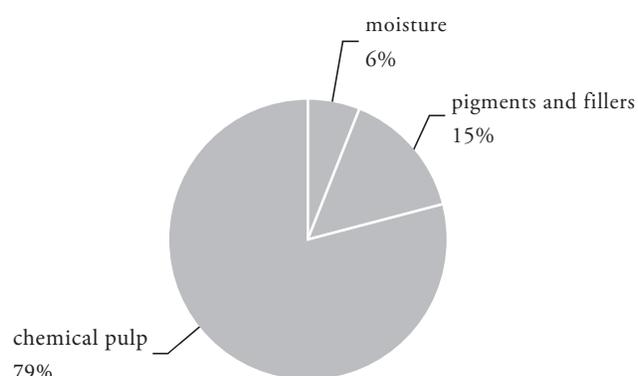
Water	COD	8,45	kg/tonne
	AOX	0,00	kg/tonne
	N <sub>Tot</sub>	0,29	kg/tonne
	P <sub>Tot</sub>	0,01	kg/tonne

Air	SO <sub>2</sub>	0,30	kg/tonne
	NO <sub>x</sub>	2,16	kg/tonne
	CO <sub>2</sub> (fossil)	19,07	kg/tonne

Solid waste landfilled 14,53 BDkg/tonne

Purchased electricity consumption  
/tonne of final product 1148 kWh

## Product composition



## More information

Contact Eric Sigurdsson

Address Storgatan 79

SE-36533 Lessebo

Phone +46 (0) 706 00 43 37

E-mail eric.sigurdsson@lessebopaper.com



LESSEBO PAPER

Lessebo Paper AB | www.lessebopaper.com | market@lessebopaper.com | +46 (0) 478 476 00

## ARCTIC VOLUME WHITE

Arctic Volume White is a matt, fully coated paper with high bulk available in grammages between 90 and 300 g/m<sup>2</sup>. The matt surface provides excellent printing results and high-class image reproduction but at the same time retains a natural feel. The paper's properties include bulk, opacity and rigidity making it ideal for high quality four-colour books, advertising material, magazines, posters and many other types of printed material that require a special feel.

Arctic Volume White standard products are available as FSC® – The mark of responsible forestry. [www.fsc.org](http://www.fsc.org). FSC-C007342 and PEFC™ PEFC/05-33-98 certified.



### BASIC INFORMATION

Optimized for colour printing.  
Available in sheets. Available in reels

### CERTIFICATES / STATEMENTS

The paper is inspected for Nordic Ecolabelled printing, ECF, ISO 14001, EMAS, Paper Profile, Safety of Toys, Woodfree, Food contact, FSC\_C007342, PEFC\_053398, Cradle to Cradle Certified®

### PRINTING TECHNIQUES

Offset (heatset), Offset (sheet-fed), Flexo, Laser, HP Indigo

### SHADE

White

### SURFACE

Coated, Matt

### ARCTIC VOLUME WHITE

Grammage (g/m <sup>2</sup> )	90	100	115	130	150	170	200	250	300 <sup>B</sup>
Opacity (%)	91.5	93	95	96	97	98	99	99	99.5
Thickness (µm)	97	110	126	143	165	187	220	275	330
Bulk (thickness/grammage)	1.08	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Whiteness (CIE)	120	120	120	120	120	120	120	120	120
Brightness (ISO 2470/D65 %)	96	96	96	96	96	96	96	96	96
Smoothness (PPS, µm)	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4

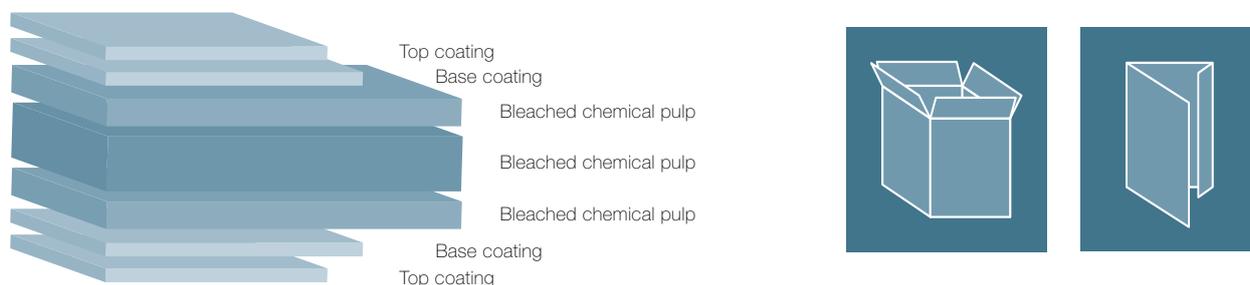
Screen recommended, max 175 lpi

<sup>B</sup> Laminated paper

Values are targets only and can be subject to changes over time without prior notice. You will find the latest technical information and other technical recommendations about our products at [arcticpaper.com](http://arcticpaper.com)

# Invercote Creato

## Solid Bleached Board, GZ



## Product description

Invercote Creato is designed for graphical products, and offers equal, outstanding aesthetic printing properties on both sides. Both sides are fully coated and have a matt finish. Invercote Creato has a smooth surface that is tailored to faithfully reproduce the most sophisticated printed images. This surface, combined with Invercote Creato's excellent structural, design and embossing characteristics, make it ideal for demanding graphical applications. The whiteness level is tailored to ensure the best print contrast and colour reproduction properties required for high-end print productions. A patented coating formula provides outstanding lightfastness, giving the end products a longer life.

Thanks to its composition of multiple layers of solid bleached primary fibres, Invercote Creato has a superior strength and toughness compared to board grades that contain mechanical or recycled fibres or single-ply bleached primary fibre board. This strength gives several advantages in designing and producing brochures, covers and cards of various kinds. In addition to traditional printing techniques, Invercote is qualified and certified for most digital printing presses on the market today and suitable for digital finishing technology.

Due to the excellent consistency of Invercote Creato its performance is predictable and dependable, making repeat print runs with the same machine settings and excellent print results possible.

Grammage (g/m <sup>2</sup> )	220	240	260	280	300	350	380	400
Thickness (µm)	230	260	290	315	345	415	457	485
Caliper (pt)	9.1	10.2	11.4	12.4	13.6	16.3	18.0	19.1
Tolerances: Grammage ± 5% (ISO 536) Thickness ± 5% (ISO 534)								

The range is further extended by Invercote Duo, available in grammages 430–710 g/m<sup>2</sup>.

Certifications						
Product related	ECF	PEFC credit material	FSC® Mix FSC-C110018	Food contact	Toy safety	Archiving
		2778 PEFC	TUEV-COC-000232	EC 1935/2004, EC 2023/2006 <sup>1)</sup> , American FDA, German BfR	EN 71 Part 3 EN 71 Part 9	ISO 9706
All fibres from sustainable and controlled sources in compliance with the EU Timber Regulation EC 995/2010.						
Mill related	ISO 14001	ISO 9001	FSC® C. o. C.	PEFC C. o. C.	OHSAS 18001	ISO 50001
EcoVadis Platinum Standard						
<sup>1)</sup> the GMP regulation, extended with CEPI GMP						

More information, application examples as well as environmental declarations and other certificates can be found at [www.iggesund.com](http://www.iggesund.com).

Product properties

Properties			
	Printing side properties - both sides identical		Methods/Remarks <sup>1)</sup>
		Tolerances	
Grammage (g/m <sup>2</sup> )	220-400	± 5%	ISO 536
Colour			
L* (%)	96.5	±0.8	ISO 5631-2
a*	2.3	±0.6	ISO 5631-2
b*	-7.8	±1.1	ISO 5631-2
Whiteness (%)	127	±5	ISO 11475
ISO brightness (%)	94	±2	ISO 2470
Surface roughness (µm)	1.2	≤ 1.6	ISO 8791-4
Board gloss 75° (%)	40	±10	ISO 8254-1
Surface pH	8.5	+1/-1.5	<sup>1)</sup>
Ink absorption (%)	35	-	<sup>1)</sup>
Surface strength IGT (m/s)			
blister	0.7	≥ 0.5	ISO 3783
pick	1.3	≥ 0.8	ISO 3783
Cobb (g/m <sup>2</sup> 60 s)	30	-	ISO 535
Ply Bond (J/m <sup>2</sup> )	160	≥ 120	TAPPI 569
Moisture content (%)	5.5	±1.0	ISO 287
Robinson taint	Below the detection limit of 0.6	-	EN 1230, DIN 10955

<sup>1)</sup> See section *General Technical Information*

Grammage dependent properties									Tolerances	Methods/Remarks <sup>1)</sup>
Grammage (g/m <sup>2</sup> )	220	240	260	280	300	350	380	400		
Thickness (µm)	230	260	290	315	345	415	457	485	± 5%	ISO 534
Opacity	96.8	97.3	97.7	98.1	98.5	99.0	99.3	99.5	-	ISO 2471
Bending stiffness L&W 5° (mNm)										
MD	10.1	13.5	18.7	24.3	30.1	47.8	64.5	72.4	-	ISO 5628
CD	4.8	6.4	8.9	11.6	14.4	22.8	30.2	33.6	-	ISO 5628
Bending resistance L&W 15° (mN)										
MD	108	150	204	265	300	520	705	820	-15%	ISO 2493
CD	49	70	95	122	151	250	330	375	-15%	ISO 2493
Bending moment Taber 15° (mNm)										
MD	5.2	7.2	9.8	12.8	14.5	25.1	34.1	39.6	-15%	ISO 2493
CD	2.4	3.4	4.6	5.9	7.3	12.1	15.9	18.1	-15%	ISO 2493
Tensile strength (kN/m)										
MD	21.0	22.0	23.5	24.0	25.0	28.0	30	31.5	-	ISO 1924-2
CD	10.5	11.0	11.5	12.0	13.0	14.0	14.5	15.0	-	ISO 1924-2
Tearing resistance (mN)										
MD	2050	2400	2800	3100	3200	4200	5000	5600	-	ISO 1974
CD	2300	2600	3100	3500	3700	4500	5400	6000	-	ISO 1974

<sup>1)</sup> See section *General Technical Information*

Issued: 02.2021

All properties are measured in test climate 23°C/50% RH at Iggesund mill. Tolerances and max/min levels, when stated, are based upon 95% confidence limits within each production run.