

INVERCOTE CREATO

Facts, figures and properties -
Product specification for Invercote Creato.

INVERCOTE CREATO

Solid Bleached Board



Invercote is a multi-layered product (solid bleached board, SBB), entirely based on fresh fibres. Specific fibre compositions are used for the various layers in the construction to optimise performance. The outer layers are dominated by hardwood fibres to promote smoothness and printability. The middle layer consists of softwood fibres for strength and flexibility.

Product description

Invercote Creato boosts creativity with outstanding aesthetic printing properties on both sides. A patented coating formula provides outstanding lightfastness, giving the end products a longer life. The whiteness level is tailored to ensure the best print contrast and colour reproduction properties required for high-end print production. This surface combined with its exceptional strength and toughness offers unique advantages when designing and producing brochures, covers and cards of various kinds, giving designers ultimate freedom to create with endless possibilities.

The consistency of Invercote Creato ensures predictable and dependable performance, making repeat print runs with the same machine settings and excellent print results possible.

Invercote/Inverform Certifications & Standards

Product related				
PEFC credit material	FSC® Mix	Food safety	Archiving	Toy safety
2778 PEFC	TUEV-COC-000232	EC 1935/2004 EC 2023/2006 FDA 21 CFR German BfR XXXVI	Acid free	EN 71 Part 3 EN 71 Part 9

All fibres from sustainable and controlled sources in compliance with the EU Timber Regulation EC 995/2010.

EcoVadis Platinum Medal awarded in 2023 (top 1% of all companies assessed).

Mill related

ISO 9001

ISO 14001

ISO 45001

ISO 50001

FSC®

FSSC 22000

For more detailed information about our certificates, visit [iggesund.com/certificates](https://www.iggesund.com/certificates).

Properties - Both sides identical

		Tolerances	Methods/Remarks
Grammage (g/m ²)	220-400	+/-5%	ISO 536
Colour L* - PS	96.5	+/-0.8	ISO 5631-2
Colour a* - PS	2.3	+/-0.6	ISO 5631-2
Colour b* - PS	-7.8	+/-1.1	ISO 5631-2
Whiteness - PS (%)	127	+/-5	ISO 11475
ISO Brightness R457 - PS (%)	94	+/-2	ISO 2470
Surface roughness PPS - PS (µm)	1.2	≤1.6	ISO 8791-4
Board gloss 75° - PS (%)	40	+/-10	ISO 8254-1
Ink Absorption - PS (%)	35	-	-
Surface strength IGT blister - PS (m/s)	0.7	≥0.5	ISO 3783
Surface strength IGT pick - PS (m/s)	1.3	≥0.8	ISO 3783
Cobb - PS (g/m ²)	30	-	ISO 535

For more information about our testing methods for Surface ph and Ink Absorption, read more in our [General Technical Information \(https://www.iggesund.com/insights/paperboard-know-how/general-technical-information/\)](https://www.iggesund.com/insights/paperboard-know-how/general-technical-information/).

Common properties

		Tolerances	Methods/Remarks
Grammage (g/m ²)	220-400	+/-5%	ISO 536
Moisture content (%)	5.5	+/-1.0	ISO 287
Ply bond (J/m ²)	160	≥120	Tappi 569
Robinson taint	<0.6	-	EN 1230, DIN 10955

Robinson taint value is below the detection limit of 0.6.

Grammage dependent properties

										Tolerances	Methods/Remarks
Grammage (g/m ²)	220	240	260	280	300	350	380	400		+/-5%	ISO 536
Thickness (µm)	230	260	290	315	345	415	457	485		+/-5%	ISO 534
Caliper (pt)	9.1	10.2	11.4	12.4	13.6	16.3	18.0	19.1		-	-
Opacity (%)	96.8	97.3	97.7	98.1	98.5	99.0	99.3	99.5		-	ISO 2471
Bending stiffness L&W 5° - MD (mNm)	10.1	13.5	18.7	24.3	30.1	47.8	64.5	72.4		-	ISO 5628
Bending stiffness L&W 5° - CD (mNm)	4.8	6.4	8.9	11.6	14.4	22.8	30.2	33.6		-	ISO 5628
Bending resistance L&W 15° - MD (mN)	108	150	204	265	300	520	705	820		-15%	ISO 2493-1
Bending resistance L&W 15° - CD (mN)	49	70	95	122	151	250	330	375		-15%	ISO 2493-1
Bending moment Taber 15° - MD (mNm)	5.2	7.2	9.8	12.8	14.5	25.1	34.1	39.6		-	-
Bending moment Taber 15° - CD (mNm)	2.4	3.4	4.6	5.9	7.3	12.1	15.9	18.1		-	-
Tensile strength - MD (kN/m)	21.0	22.0	23.5	24.0	25.0	28.0	30.0	31.5		-	ISO 1924-2
Tensile strength - CD (kN/m)	10.5	11.0	11.5	12.0	13.0	14.0	14.5	15.0		-	ISO 1924-2
Tearing resistance - MD (mN)	2050	2400	2800	3100	3200	4200	5000	5600		-	ISO 1974
Tearing resistance - CD (mN)	2300	2600	3100	3500	3700	4500	5400	6000		-	ISO 1974

Last updated 30 Nov 2022

The range is further extended by Invercote Duo (<https://www.iggesund.com/products/product-families/about-invercote/invercote-duo-out-out/>), available in grammages 450 –770 g/m².

Bending Moment Taber is a calculated value based on a correlation factor of 20.7.

Test method

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 interval within each production run.

Read more about testing methods in our section about General Technical Information (<https://www.iggesund.com/insights/paperboard-know-how/general-technical-information/>).

Online version

Access the online version of this spec sheet on:
[iggesund.com/invercote-creato](https://www.iggesund.com/invercote-creato)



