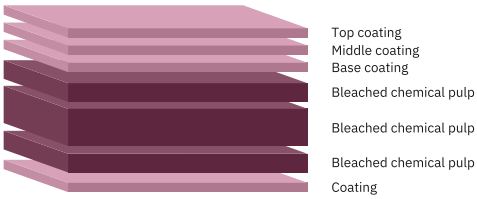
INVERCOTE G



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 layers consist of softwood fibres for strength and flexibility.

Product description

Invercote G is designed for prestige packaging applications and high-end graphical designs where an exceptional aesthetic effect is desired. Invercote G has an ultra-smooth surface with a triple-coated print side that are tailored to reproduce print images and meet the high demands of foil and film lamination, the reverse side is single-coated. It has a matt finish on both sides, excellent whiteness and a patented coating formula that provides outstanding lightfastness, giving the end products a longer life. Invercote G is suitable for aroma and flavour sensitive products as well.

The 200 g/m² grammage version is produced without reverse side coating. Invercote G is also available as linen embossed sheets in all grammages. Invercote G in the grammages 260-380 g/m² is certified as industrially biodegradable and compostable in compliance with the demands in the Directive EN 13432:2000.

Invercote/Inverform
Certifications & Standards

Product related				
Possible to order as:				
100% PEFC certified (PEFC/05-33-105)	**FSC® Mix Credit (FSC-C110018)**	**Food safety**	**Archiving**	**Toy safety**
Certificate no: TUEV-PEFC-COC-117551	Certificate no: 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 2024 (top 1% of all companies assessed).				
Recyclable according to CEPI Recyclability Test Method - Standard Paper Mill Version 2.				

Mill related
ISO 9001
ISO 14001
ISO 45001
ISO 50001
FSSC 22000

For more detailed information about our certificates, visit holmen.com/boardandpaper/certifications.

Properties - Print side

		Tolerances		Tolerances	Methods/Remarks
Grammage (g/m²)	200	+/-4%	220-380	+/-4%	ISO 536
Colour L* - PS	96.7	+/-0.8	96.7	+/-0.8	ISO 5631-2
Colour a* - PS	2.3	+/-0.6	2.3	+/-0.6	ISO 5631-2
Colour b* - PS	-7.9	+/-1.1	-7.9	+/-1.1	ISO 5631-2
Whiteness - PS	129	+/-5	129	+/-5	ISO 11475
ISO Brightness R457 - PS (%)	94	+/-2	94	+/-2	ISO 2470
Surface roughness PPS - PS (µm)	0.9	≤1.4	0.9	≤1.4	ISO 8791-4
Board gloss 75° - PS (%)	40	+/-10	40	+/-10	ISO 8254-1
Surface strength IGT blister - PS (m/s)	0.7	≥0.5	0.7	≥0.5	ISO 3783
Surface strength IGT pick - PS (m/s)	1.3	≥0.8	1.3	≥0.8	ISO 3783
Cobb - PS (g/m²)	30	≤40	30	≤40	ISO 535

Properties - Reverse side

		Tolerances		Tolerances	Methods/Remarks
Grammage (g/m²)	200	+/-4%	220-380	+/-4%	ISO 536
Colour L* - RS	96.4	-	96.5	-	ISO 5631-2
Colour a* - RS	2.0	-	1.6	-	ISO 5631-2
Colour b* - RS	-4.3	-	-7.0	+/-1.1	ISO 5631-2
Whiteness - RS	110	-	122	-	ISO 11475
ISO Brightness R457 - RS (%)	90	-	94	-	ISO 2470
Surface roughness PPS - RS (µm)	-	-	5.0	≤7.0	ISO 8791-4
Cobb - RS (g/m²)	30	≤40	30	≤40	ISO 535

Common properties

		Tolerances		Tolerances	Methods/Remarks
Grammage (g/m²)	200	+/-4%	220-380	+/-4%	ISO 536
Moisture content (%)	6.0	+/-1.0	6.0	+/-1.0	ISO 287
Ply bond (J/m²)	160	≥120	160	≥120	Tappi 569
Robinson taint	<0.6	-	<0.6	-	EN 1230-2

Robinson taint value is below the detection limit of 0.6.

Grammage dependent properties

										Tolerances	Methods/Remarks
Grammage (g/m²)	200	220	240	260	280	300	330	350	380	+/-4%	ISO 536
Thickness (µm)	235	260	300	330	360	395	435	465	505	+/-4%	ISO 534
Caliper (pt)	9.3	10.2	11.8	13.0	14.2	15.6	17.1	18.3	19.9	-	ISO 534
Opacity (%)	95.6	97.0	97.6	98.0	98.4	98.6	98.8	99.0	99.2	-	ISO 2471
Bending stiffness L&W 5° - MD (mNm)	8.2	11.9	16.2	20.8	29.9	38.5	50.8	61.8	77.9	-	ISO 5628
Bending stiffness L&W 5° - CD (mNm)	3.7	5.4	7.5	9.7	12.5	16.0	21.0	25.0	31.0	-	ISO 5628
Bending resistance L&W 15° - MD (mN)	95	140	190	245	315	405	550	650	820	-15%	ISO 2493-1
Bending resistance L&W 15° - CD (mN)	45	64	83	107	137	180	230	275	345	-15%	ISO 2493-1
Bending moment Taber 15° - MD (mNm)	4.6	6.8	9.2	11.8	15.2	19.6	26.5	31.4	39.6	-	ISO 2493-2
Bending moment Taber 15° - CD (mNm)	2.2	3.1	4.0	5.2	6.6	8.7	11.1	13.3	16.7	-	ISO 2493-2
Tensile strength - MD (kN/m)	18.5	20.0	21.5	23.0	24.0	25.5	28.0	29.5	31.0	-	ISO 1924-2
Tensile strength - CD (kN/m)	10.0	10.5	11.0	11.5	12.0	12.5	13.5	14.0	14.5	-	ISO 1924-2
Tearing resistance - MD (mN)	2300	2700	3100	3300	3700	4300	4700	5200	6400	-	ISO 1974
Tearing resistance - CD (mN)	2350	2800	3300	3600	4000	4600	5100	5600	6400	-	ISO 1974

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

Test methods

All properties are measured in test climate 23°C/50% RH at Iggesund Mill. Tolerances and max/min levels, when stated, are based upon a 95% confidence interval within each production run. Read more about testing methods in our General Technical Information (https://www.iggesund.com/globalassets/board-and-paper/products/general-technical-information.pdf).

Latest version

Access the latest version of this spec sheet on:
holmen.com/boardandpaper/invercote-G