INVERCOTE DUO

Facts, figures and properties -
Product specification for Invercote Duo (out-out).

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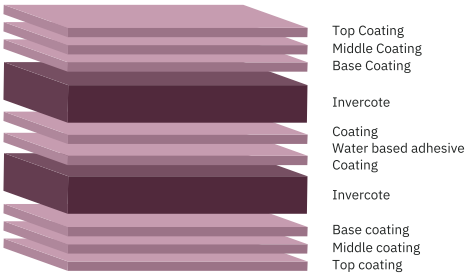
HOLMEN IGGESUND

INVERCOTE DUO (OUT-OUT)



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 Duo expands the creative possibilities due to its excellent printability and colour reproduction. It is made through back-to-back pasting of triple coated Invercote, which enables identical printing surfaces on the front and back.

Due to its strength, toughness and thickness, Invercote Duo is ideal for wines and spirits packaging, gift cards, different types of rigid exclusive packs and displays. It is particularly recommended for the packaging of aroma and flavour-sensitive products.

Invercote Duo can be extrusion coated to add barrier functions necessary under extreme conditions such as outdoor displays.

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.

Properties - Both sides identical

		Tolerances	Methods/Remarks
Grammage (g/m²)	450-770	+/-6%	ISO 536
Colour L* - PS	96.7	+/-0.8	ISO 5631-2
Colour a* - PS	2.3	+/-0.6	ISO 5631-2
Colour b* - PS	-7.9	+/-1.1	ISO 5631-2
Whiteness - PS (%)	129	+/-5	ISO 11475
ISO Brightness R457 - PS (%)	94	+/-2	ISO 2470
Surface roughness PPS - PS (µm)	0.9	≤1.4	ISO 8791-4
Board gloss 75° - PS (%)	40	+/-10	ISO 8254-1
Surface pH - PS	8.5	+1/-1.5	-
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/m²)	30	≤40	ISO 535

Common properties

		Tolerances	Methods/Remarks
Grammage (g/m²)	450-770	+/-6%	ISO 536
Moisture content (%)	7.5	+/- 1	ISO 287
Ply bond (J/m²)	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/m²)	450	490	530	570	610	670	710	770	+/-6%	ISO 536
Thickness (µm)	520	600	660	720	790	870	930	1010	+/-6%	ISO 534
Caliper (pt)	20.5	23.6	26.0	28.3	31.1	34.3	36.6	39.8	-	-
Bending stiffness L&W 5° - MD (mNm)	104.0	136.0	180.0	226.0	279.0	379.0	460.0	557.0	-	ISO 5628
Bending stiffness L&W 5° - CD (mNm)	54.0	73.0	93.0	116.0	139.0	189.0	225.0	270.0	-	ISO 5628
Bending resistance L&W 15° - MD (mN)	1064	1374	1764	2164	2609	3438	3958	4600	-15%	ISO 2493-1
Bending resistance L&W 15° - CD (mN)	530	718	893	1108	1311	1765	2044	2407	-15%	ISO 2493-1
Bending moment Taber 15° - MD (mNm)	51.0	66.0	85.0	105.0	126.0	166.0	191.0	222.0	-	-
Bending moment Taber 15° - CD (mNm)	26.0	35.0	43.0	54.0	63.0	85.0	99.0	116.0	-	-

Last updated 31 Oct 2023

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-duo-out-out

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