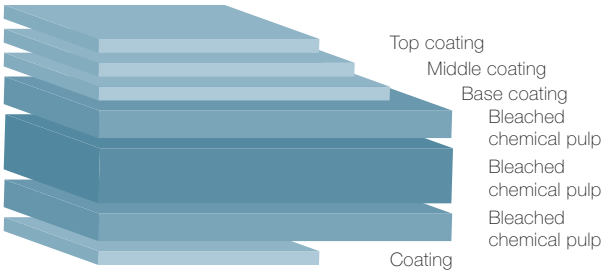
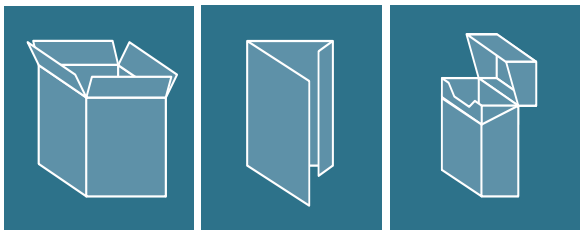
Invercote Albato

Solid Bleached Board, GZ





Product description

Invercote Albato is designed for luxury packaging and graphical applications where an exceptional aesthetic result is desired. The reverse side has improved printing potential compared with an uncoated surface.

Invercote Albato is a solid bleached board of medium density. The printing side is triple coated and finished to a glossy level. The reverse side is single coated and finished to a matt level. Thanks to its composition of multiple layers of solid bleached primary fibre Invercote has a superior strength and toughness compared to board grades containing mechanical or recycled fibres or single-ply bleached primary fibre board. This gives several advantages in designing and processing cartons, in packaging operations and in the use of the package itself.

Invercote Albato has an excellent surface smoothness with the ability to faithfully reproduce the most sophisticated printed images; this combined with its excellent structural, design and embossing characteristics make it ideal for the packaging of luxury products.

Grammage (g/m²)	250	270	290
Thickness (µm)	285	310	340
Caliper (pt)	11.2	12.2	13.4
Tolerances: Grammage ± 5% (ISO 536) Thickness ± 5% (ISO 534)			

The range is further extended by Invercote Duo, available in grammages 410–770 g/m².

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[1)], 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 Gold Standard					

[1)] 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.

Product properties

Properties					
	Printing side		Reverse side		Methods/Remarks[1]
		Tolerances		Tolerances	
Grammage (g/m²)	250-290		250-290	± 5%	ISO 536
Colour					
L* (%)	96.7	-	96.5	-	ISO 5631-2
a*	2.3	-	1.6	-	ISO 5631-2
b*	-7.9	±1.8	-7.0	±1.8	ISO 5631-2
Whiteness (%)	125	±5	122	-	ISO 11475
ISO brightness (%)	94	-	94	-	ISO 2470
Surface roughness (µm)	0.6	≤ 1.4	4.0	≤ 5.5	ISO 8791-4
Board gloss 75° (%)	50	±10	-	-	ISO 8254-1
Surface pH	8.5	+1/-1.5	-	-	[1]
Ink absorption (%)	35	-	-	-	[1]
Surface strength IGT (m/s)					
blister	0.7	≥ 0.5	-	-	ISO 3783
pick	1.3	≥ 0.8	-	-	ISO 3783
Cobb (g/m² 60 s)	30	≤ 40	30	≤ 40	ISO 535
Ply Bond (J/m²)	160			≥ 120	TAPPI 569
Moisture content (%)	6.0			±1.0	ISO 287
Robinson taint	Below the detection limit of 0.6			-	EN 1230, DIN 10955

[1] See section *General Technical Information*

Grammage dependent properties				Tolerances	Methods/Remarks[1]
Grammage (g/m²)	**250**	**270**	**290**	± 5%	ISO 536
Thickness (µm)	285	310	340	± 5%	ISO 534
Bending stiffness L&W 5° (mNm)					
MD	15.8	20.2	26.4	-	ISO 5628
CD	7.0	9.7	11.9	-	ISO 5628
Bending resistance L&W 15° (mN)					
MD	180	230	295	-15%	ISO 2493
CD	80	110	135	-15%	ISO 2493
Bending moment Taber 15° (mNm)					
MD	8.7	11.1	14.2	-15%	ISO 2493
CD	3.9	5.3	6.5	-15%	ISO 2493
Tensile strength (kN/m)					
MD	21.5	22.0	23.5	-	ISO 1924-2
CD	11.0	11.5	12.0	-	ISO 1924-2
Tearing resistance (mN)					
MD	3000	3200	3700	-	ISO 1974
CD	2900	3400	4200	-	ISO 1974

[1] See section *General Technical Information*

Issued: 01.2109

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.