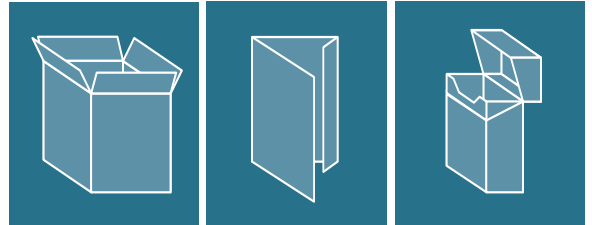
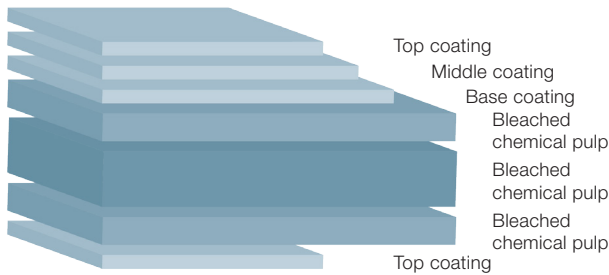


Solid Bleached Board, GZ



Product description

Invercote Albato is designed for luxury packaging 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 high gloss level. The reverse side is single coated and finished to a matt level. Because of the solid bleached primary fibre composition 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/m ²)	250	270	290	350
Thickness (µm)	285	310	340	424
Caliper (pt)	11.2	12.2	13.4	16.7
Tolerances: Grammage ± 5% (ISO 536) Thickness ± 5% (ISO 534)				

The range is further extended by Invercote Duo, available in grammages 370–770 g/m².

Certifications						
Product related	ECF	PEFC credit material	FSC® Mix	Food contact	Toy safety	Archiving
		2778 PEFC	44 751 117551	EC 1935/2004, EC 2023/2006 ¹⁾ , American FDA, German BfR	EN 71 Part 3, ISO 8124-3:2010.	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.		
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.

Upgraded Invercote Albato

Product properties

Properties					
	Printing side		Reverse side		Methods/Remarks ¹⁾
		Tolerances		Tolerances	
Grammage (g/m ²)	250-350		250-350	± 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
Surface pH	8.5	+1/-1.5	-	-	
Ink absorption (%)	35	-	-	-	
Cobb (g/m ² 60 s)	30	≤ 40	30	≤ 40	ISO 535
				Tolerances	Methods/Remarks¹⁾
Surface strength IGT (m/s)					
blister			0.7	≥ 0.5	ISO 3783
pick			1.3	≥ 0.8	ISO 3783
Board gloss 75° (%)			50	±10	ISO 8254-1
Ply Bond (J/m ²)			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	350	± 5%	ISO 536
Thickness (µm)	285	310	340	424	± 5%	ISO 534
Bending stiffness L&W 5° (mNm)						
MD	15.8	20.2	26.4	47.4	-	ISO 5628
CD	7.0	9.7	11.9	21.0	-	ISO 5628
Bending resistance L&W 15° (mN)						
MD	180	230	295	520	-15%	ISO 2493
CD	80	110	135	250	-15%	ISO 2493
Bending moment Taber 15° (mNm)						
MD	8.7	11.1	14.2	25.1	-15%	ISO 2493
CD	3.9	5.3	6.5	12.1	-15%	ISO 2493
Tensile strength (kN/m)						
MD	21.5	22.0	23.5	29.0	-	ISO 1924-2
CD	11.0	11.5	12.0	14.5	-	ISO 1924-2
Tearing resistance (mN)						
MD	3000	3200	3700	5400	-	ISO 1974
CD	2900	3400	4200	5200	-	ISO 1974

¹⁾ See section *General Technical Information*

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.