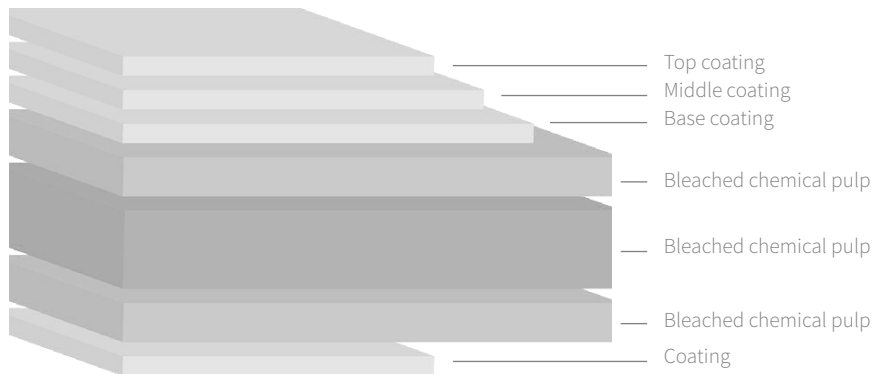


Invercote G (Digital)

Solid Bleached Board, GZ



Technical data

Grammage (g/m ²)	220	260	330
Thickness (µm)	260	330	435

Tolerances: Grammage ± 4% (ISO 536) Thickness ± 4% (ISO 534)

Certifications

	ECF	Food contact	Toy safety	Archiving
Product related		EC 1935/2004, EC 2023/20061), American FDA, Germa 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® (FSC® C109143) and PEFC certified product available upon request.

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 description

Invercote G is designed for graphical products and prestige packaging where an exceptional aesthetic result is desired. Invercote G has a smooth surface that is tailored to faithfully reproduce the most sophisticated printed images and the high demands of flawless foil and film lamination. This surface, combined with Invercote G's excellent structural, design and embossing characteristics make it ideal for the most demanding printing applications. Invercote G is recommended for high-end graphical applications and packaging, also for aroma and flavour sensitive products.

The printing side is triple coated and the reverse side is single coated, both sides are finished to a matt level. The 180 and 200 g/m² grammage versions are produced without reverse side coating. Thanks to its composition of solid bleached primary fibres, Invercote G has a superior strength and toughness compared to board grades that contain mechanical or recycled fibres or single-ply bleached primary fibre board. This strength gives several advantages in carton designing and processing, in packaging operations and in the use of the package itself. A patented coating formula provides outstanding lightfastness, giving the end products a longer life. In addition to traditional printing techniques, Invercote is qualified and certified for most digital printing presses on the market today and suitable for digital finishing technology. Invercote G is also available as linen embossed sheets in all grammages.

Invercote G (Digital)

Product properties

	Printing side				Reverse side		Methods/Remarks ¹⁾
	Tolerances		Tolerances		Tolerances		
Grammage (g/m²)	180-380		180-2002)		220-380	± 4%	ISO 536
Colour							
L* (%)	96.7	±0.8	96.4	-	96.5	-	ISO 5631-2
a*	2.3	±0.6	2.0	-	1.6	-	ISO 5631-2
b*	-7.9	±1.1	-5.0	-	-7.0	±1.1	ISO 5631-2
Whiteness (%)	129	±5	113	-	122	-	ISO 11475
ISO brightness (%)	94	±2	94	-	94	-	ISO 2470
Surface roughness (µm)	0.9	≤ 1.4	-	-	5.0	-	ISO 8791-4
Board gloss 75° (%)	40	±10	-	-	-	-	ISO 8254-1
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	30	≤ 40	ISO 535
						Tolerances	Methods/Remarks¹⁾
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

²⁾ The 180 and 200 g/m² are produced without reverse side coating, thus other optical properties

Invercote G (Digital)

Product properties

Grammage dependent properties				Tolerances	Methods/Remarks ¹⁾
Grammage (g/m²)	220	260	330	± 4%	ISO 536
Thickness (µm)	260	330	435	± 4%	ISO 534
Opacity	97.0	97.7	98.8	-	ISO 2471
Bending stiffness L&W 5° (mNm)					
MD	11.9	20.8	50.8	-	ISO 5628
CD	5.4	9.7	21.0	-	ISO 5628
Bending resistance L&W 15° (mN)					
MD	140	245	550	-15%	ISO 2493
CD	64	107	230	-15%	ISO 2493
Bending moment Taber 15° (mNm)					
MD	6.8	11.8	26.5	-15%	ISO 2493
CD	3.1	5.2	11.1	-15%	ISO 2493
Tensile strength (kN/m)					
MD	20.0	23.0	28.0	-	ISO 1924-2
CD	10.5	11.5	13.5	-	ISO 1924-2
Tearing resistance (mN)					
MD	2700	3300	4700	-	ISO 1974
CD	2800	3600	5100	-	ISO 1974

¹⁾ See section General Technical Information

²⁾ Stiffness ratings are reduced by 30% for embossed versions

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.