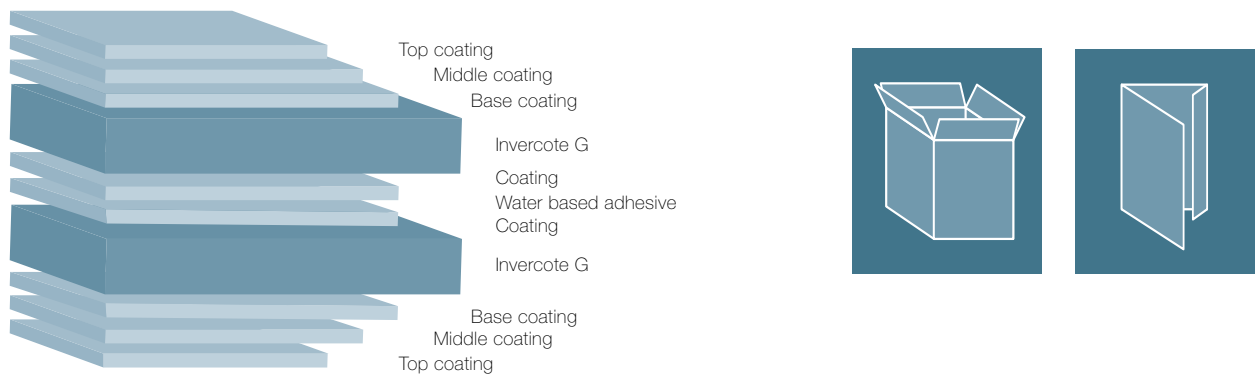


# Invercote Duo

## Solid Bleached Board, GZ



## Product description

Invercote Duo is made by back-to-back pasting of triple coated Invercote G. This standard version has identical printing surfaces front and back. Alternative versions are available, with e.g. front-to-back pasting to achieve special properties or appearances. An Iggesund representative would be happy to discuss further and give advice.

Invercote Duo's printing surfaces has the ability to faithfully reproduce the most sophisticated printing images. A patented coating formula provides outstanding lightfastness, giving the end products a longer life. Due to its strength, toughness and thickness, it is especially suitable for various display purposes and different types of rigid, exclusive packs.

Invercote Duo is particularly recommended for packaging of aroma and flavour sensitive products. The pasting glue is taint and odour neutral. Invercote Duo can be extrusion coated to add the barrier functions necessary under extreme conditions, e.g. outdoor displays or foil or film laminated for added sales appeal.

Grammage (g/m <sup>2</sup> )	450	490	530	570	610	670	710	770
Thickness (µm)	520	600	660	720	790	870	930	1010
Caliper (pt)	20.5	23.6	26.0	28.3	31.1	34.3	36.6	39.8
Tolerances: Grammage ± 6% (ISO 536) Thickness ± 6% (ISO 534)								

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 <sup>1)</sup> , 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.	ISO 45001	ISO 50001
	EcoVadis Platinum Standard			FSSC 22000		
<sup>1)</sup> 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](http://www.iggesund.com).

Product properties

Properties			
	Printing side - both sides identical		Methods/Remarks <sup>1)</sup>
		Tolerances	
Grammage (g/m <sup>2</sup> )	450–770	± 6%	ISO 536
Colour			
L* (%)	96.7	±0.8	ISO 5631-2
a*	2.3	±0.6	ISO 5631-2
b*	-7.9	±1.1	ISO 5631-2
Whiteness (%)	129	±5	ISO 11475
ISO brightness (%)	94	±2	ISO 2470
Surface roughness (µm)	0.9	≤ 1.4	ISO 8791-4
Board gloss 75° (%)	40	±10	ISO 8254-1
Ink absorption (%)	35	-	<sup>1)</sup>
Surface strength IGT (m/s)			
blister	0.7	≥ 0.5	ISO 3783
pick	1.3	≥ 0.8	ISO 3783
Cobb (g/m <sup>2</sup> 60 s) (both sides)	30	≤ 40	ISO 535
Wick test (kg/m <sup>2</sup> )	2.0	-	<sup>1)</sup>
Ply Bond (J/m <sup>2</sup> )	160	≥ 100	TAPPI 569
Moisture content (%)	7.5	±1.0	ISO 287
Robinson taint	Below the detection limit of 0.6	-	EN 1230, DIN 10955

<sup>1)</sup> See section *General Technical Information*

Grammage dependent properties									Tolerances	Methods/Remarks <sup>1)</sup>
Grammage (g/m <sup>2</sup> )	450	490	530	570	610	670	710	770		
Thickness (µm)	520	600	660	720	790	870	930	1010	± 6%	ISO 534
Bending stiffness L&W 5° (mNm) <sup>2)</sup>										
MD	104	136	180	226	279	379	460	557	-	ISO 5628
CD	54	73	93	116	139	189	225	270	-	ISO 5628
Bending resistance L&W 15° (mN) <sup>2)</sup>										
MD	1064	1374	1764	2164	2609	3438	3958	4600	-	ISO 2493
CD	530	718	893	1108	1311	1765	2044	2407	-	ISO 2493
Bending moment Taber 15° (mNm) <sup>2)</sup>										
MD	51	66	85	105	126	166	191	222	-	ISO 2493
CD	26	35	43	54	63	85	99	116	-	ISO 2493

<sup>1)</sup> See section *General Technical Information*

<sup>2)</sup> Typical values

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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.