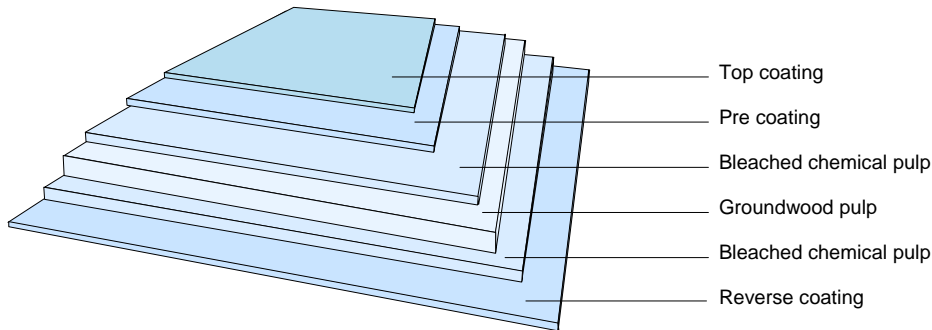


Fully coated white back folding boxboard (GC1)



ISO 9001

Specifications for Pankawhite ES:

Property/Unit	Tolerance							Standards
Grammage, g/m ²	±4%	410	435	460	485	510	560	ISO 536
Thickness, µm	±5%	620	670	720	770	820	900	ISO 534
Bending stiffness DIN 5° MD, mNm		94.0	107.4	125.5	143.6	163.7	196.8	ISO 2493
Bending stiffness DIN 5° CD, mNm		43.2	49.2	57.2	65.3	74.3	90.4	
Bending moment Taber 15° MD, mNm	-15%	46.8	53.5	62.5	71.5	81.5	98.0	
Bending moment Taber 15° CD, mNm	-15%	21.5	24.5	28.5	32.5	37.0	45.0	
Bending resistance L&W 15° MD, mNm		976	1115	1303	1491	1699	2043	
Bending resistance L&W 15° CD, mNm		448	511	594	678	771	938	
Moisture, %	±1.5	8.5	8.5	9.0	9.0	9.0	9.0	ISO 287
ISO Brightness C/2°, %, Top	±1	84	84	84	84	84	84	ISO 2470
ISO Brightness C/2°, %, Reverse	±1	80	80	80	80	80	80	ISO 2470
Surface Smoothness, PPS 10, µm	±0.3	1.4	1.4	1.4	1.4	1.4	1.4	ISO 8791-4
Gloss 75°, %	>40	40	40	40	40	40	40	ISO 8254-1
Scott Bond, J/m ²	>110	110	110	110	110	110	110	TAPPI UM 403

All properties according to Pankaboard measurements.
DIN and L&W stiffness value to be treated as indication only.

Test climate 23°C / 50%RH (according to ISO 187).
Tolerances based upon 95% confidence limits, apply to reel average.
In order to verify, reel average shall be based on 5 single measurements randomly sampled within the reel. These averages will be for at least 19 of 20 reels within the specification limits.

For more information contact your local sales representatives or

Pankaboard Oy,
Ruukintie 2
FIN-81750 Pankakoski
Tel. +358 (0) 2046 123
www.pankaboard.com

Issued 11/2006