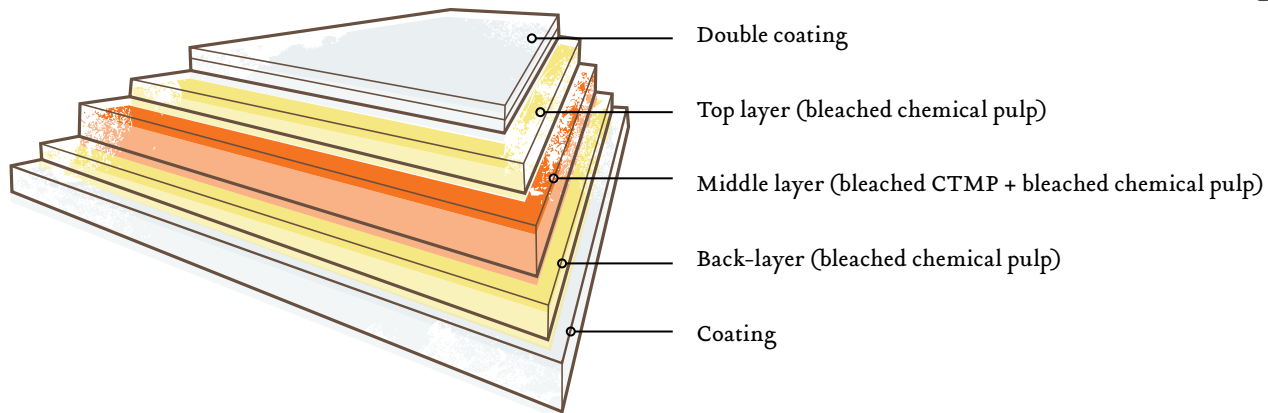


# Performa Alto

FULLY COATED CTMP BOARD WITH WHITE COATED REVERSE



## SPECIFICATIONS FOR PERFORMA ALTO:

PROPERTY UNIT	TOLERANCE									STANDARDS
Grammage, g/m <sup>2</sup>	± 5%	200	220	240	260	280	300	325	350	ISO 536
Thickness, μm	± 5%	260	290	330	365	400	430	470	515	ISO 534
Bending stiffness DIN 5° MD, mNm	-15%	10.6	15.7	22.2	28.9	35.9	43.3	51.9	61.4	ISO 2493
Bending stiffness DIN 5° CD, mNm	-15%	5.1	7	10	12.6	15.5	18.5	23.7	30.8	
Bending moment Tabler 15° MD, mNm	-15%	6.0	8.8	11.6	15.3	19.3	23.4	28.6	33.8	
Bending moment Tabler 15° CD, mNm	-15%	2.9	4.2	5.4	6.9	8.8	10.7	13.5	16.6	
Bending resistance L&W 15° MD, mNm	-15%	121	182	241	316	400	484	592	699	
Bending resistance L&W 15° CD, mNm	-15%	60	86	112	144	181	221	279	343	
Moisture, %	±1	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	ISO 287
ISO Brightness C/2°, %, Top	min. 88	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	ISO 2470
ISO Brightness C/2°, %, Reverse	min. 85	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	
Brightness D65/10°, %		98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	SCAN-P3
CIE Whiteness D65/100,Top		118	118	118	118	118	118	118	118	ISO 11475
CIE Whiteness D65/10°,Reverse		108	108	108	108	108	108	108	108	
Surface Smoothness, PPS 10, μm ,Top		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	ISO 8791-4
Surface Smoothness, PPS 10, μm ,Reverse		4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	
Surface Smoothness, Bendtsen, ml/min		30	30	30	30	30	30	30	30	ISO 8791-2
Gloss 75, %		45	45	45	45	45	45	45	45	ISO 8254-1
Scott Bond, J/m <sup>2</sup>		200	200	200	200	200	200	200	200	TAPPI 569pm-00
Robinson chocolate test		Max 0,5 for one year storage in reels / pallets								prEN1230-2

All properties according Imatra Mill measurements.  
 Test climate 23°C/50% RH (According to ISO 187). In order to verify, reel/pallet average shall be based on 5 single measurements randomly sampled within the reel/pallet. These averages will be for at least 19 of 20 reels/pallets within the specification limits.  
 Imatra Mills have certified FSC and PEFC Chain-of-Custody (CoC)

systems as well as certified hygiene management system.  
 FCS: Certificate registration code DNV-COC/CW-000370  
 PEFC: Certificate registration no, 94721-2011-AE-FIN-FINAS

For more information contact your local sales office  
 Specification sheet: Digital print on Performa Alto 200 g/m<sup>2</sup>.

