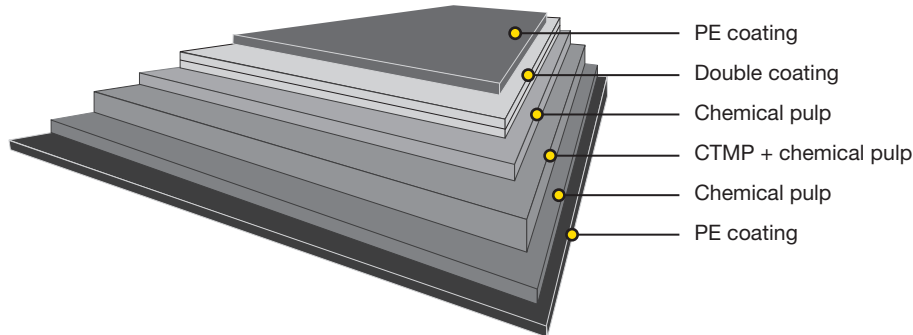


Performa Natura™ 2PE

Fully coated CTMP board with uncoated reverse



Issued: 08.2014
Cancels: 04.2012

Technical specification

Polymer coated board:	Tolerance	15+195+15	15+210+15	15+230+15	15+255+15	15+270+15	15+295+15	15+320+15	15+350+15	Standards
Grammage, g/m ²		225	240	260	285	300	325	350	380	ISO 536
PE Topside, g/m ²		15	15	15	15	15	15	15	15	Mill method
PE Reverse, g/m ²		15	15	15	15	15	15	15	15	
Thickness, µm		289	309	349	379	419	459	499	539	ISO 534
Baseboard:										
Grammage, g/m ²	+ - 4 %	195	210	230	255	270	295	320	350	ISO 536
Thickness, µm	+ - 4 %	260	280	320	350	390	430	470	510	ISO 534
Bending stiffness DIN 5° MD, mNm		10.2	13.2	18.3	23.0	30.6	40.4	51.0	64.6	
Bending stiffness DIN 5° CD, mNm		4.7	6.0	8.1	10.6	14.5	17.9	23.0	28.9	
Bending moment Taber 15° MD, mNm		5.8	7.5	10.4	13.0	17.4	22.9	29.0	36.7	
Bending moment Taber 15° CD, mNm		2.7	3.4	4.6	6.0	8.2	10.1	13.0	16.4	
Bending resistance L&W 15° MD, mN		120	155	215	270	360	475	600	760	ISO 2493-1
Bending resistance L&W 15° CD, mN		55	70	95	125	170	210	270	340	
Moisture, %		6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	ISO 287
ISO Brightness C/2°, %		85	85	85	85	85	85	85	85	ISO 2470-1
Brightness D65/10°, Top		85	85	85	85	85	85	85	85	ISO 2470-2
Surface Smoothness, PPS 10, µm		1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	ISO 8791-4
Surface Smoothness, Bendtsen, ml/min		40	40	40	40	50	50	50	50	ISO 8791-2
Gloss 75°, %		45	45	45	45	45	45	45	45	ISO 8254-1
Scott Bond, J/m ²		200	200	200	200	200	200	200	200	TAPPI 569 om-09
Robinson chocolate test		max 0.5 for one year storage in reels/pallets								EN 1230-2

OBA not added

All properties according to 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.

Certificates

Quality management ISO 9001
Environmental management ISO 14001
Product safety ISO 22000
Health and safety OHSAS 18001
Energy management ISO 50001
Forest certification and Chain-of-Custody, FSC® (logo licence number FSC-C105192), PEFC™ (logo licence number PEFC/02-31-71)

Paperboard is recyclable 