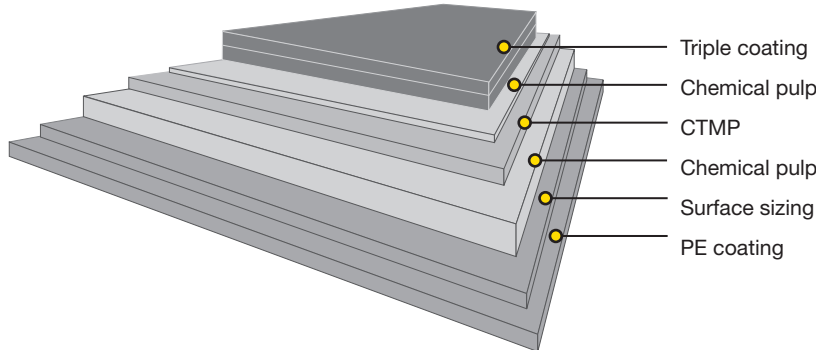


Performa Bright™ PE

Fully coated CTMP board with white uncoated reverse



Issued: 11.2016
Cancels: 09.2013

Technical specification

Polymer coated board:	Tolerance	225+15	235+15	250+15	260+15	270+15	285+15	295+15	320+15	355+15	Standards
Grammage, g/m ²		240	250	265	275	285	300	310	335	370	ISO 536
PE reverse, g/m ²		15	15	15	15	15	15	15	15	15	Mill method
Thickness, μm		365	395	430	445	465	500	520	575	640	ISO 534
Baseboard:											ISO 536
Grammage, g/m ²	+3%/-5%	225	235	250	260	270	285	295	320	355	ISO 536
Thickness, μm	±5%	350	380	415	430	450	485	505	560	625	ISO 534
Bending stiffness DIN 5° MD, mNm	-15%	21.3	27.7	36.3	40.1	45.7	54.0	59.5	73.4	90	ISO 2493
Bending stiffness DIN 5° CD, mNm	-15%	8.5	11.1	14.5	16.0	18.3	21.6	23.8	29.4	36.1	
Bending moment Taber 15° MD, mNm	-15%	12.6	15.0	18.6	21.0	23.2	27.3	29.7	36.2	44.2	
Bending moment Taber 15° CD, mNm	-15%	5.1	5.8	7.7	8.2	9.4	11.1	12.1	14.7	18.4	
Bending resistance L&W 15° MD, mN	-15%	260	310	385	435	480	565	615	750	915	
Bending resistance L&W 15° CD, mN	-15%	105	120	160	170	195	230	250	305	380	
Moisture, %	±1	7.9	7.9	7.9	8.0	8.0	8.0	8.2	8.5	9.0	ISO 287
ISO Brightness C/2°, %, Top	min. 87	90	90	90	90	90	90	90	90	90	ISO 2470
ISO Brightness C/2°, %, Reverse		82	82	82	82	82	82	82	82	82	
CIE Whiteness D65/10°, Top		120	120	120	120	120	120	120	120	120	ISO 11475
CIE Whiteness D65/10°, Reverse		95	95	95	95	95	95	95	95	95	
Surface Smoothness, PPS 10, μm	max. 1.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	ISO 8791-4
Gloss 75°, %		45	45	45	45	45	45	45	45	45	ISO 8254-1
Scott Bond, J/m ²	min. 100	145	145	145	145	145	145	145	145	145	TAPPI 569
Edge wicking*, g/mm.m	max. 1.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
Cobb 60, g/m ² , Top	max. 60	30	30	30	30	30	30	30	30	30	ISO 535
Cobb 60, g/m ² , Reverse		50	50	50	50	50	50	50	50	50	
Robinson chocolate test		max 0.5 for one year storage in reels/pallets									PrEN1230-2

*) Hardsized available in all grammages.

All properties according to Fors Mill measurements.

Test climate 23°C/50% RH (according to ISO 187). Tolerances based upon 95 % confidence limits, apply to reel/pallet average. 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 