



Issued: 06.2017
Cancels: 10.2013

Technical specification

Polymer coated board:	Tolerance	180+15	200+15	220+15	230+15	245+15	260+15	290+15	315+15	340+15	360+15	Standards
Grammage, g/m ²		195	215	235	245	260	275	305	330	355	375	ISO 536
PE reverse, g/m ²		15	15	15	15	15	15	15	15	15	15	Mill method
Thickness, μm		300	325	355	375	420	455	515	575	625	665	ISO 534
Baseboard:												ISO 536
Grammage, g/m ²	+3%/-5%	180	200	220	230	245	260	290	315	340	360	ISO 536
Thickness, μm	±5%	285	310	340	360	405	440	500	560	610	650	ISO 534
Bending stiffness DIN 5° MD, mNm	-15%	11.0	15.3	19.6	22.6	29.9	36.4	51.2	64.0	78.7	91.8	ISO 2493
Bending stiffness DIN 5° CD, mNm	-15%	5.0	5.8	7.5	8.8	12.1	15.3	21.9	27.5	32.1	40.5	
Bending moment Taber 15° MD, mNm	-15%	5.6	8.3	10.8	12.8	15.5	18.6	24.6	32.4	39.8	44.9	
Bending moment Taber 15° CD, mNm	-15%	2.4	3.5	4.5	5.4	6.8	8.2	11.1	14.5	18.1	20.3	
Bending resistance L&W 15° MD, mN	-15%	115	172	224	266	320	385	510	670	825	930	
Bending resistance L&W 15° CD, mN	-15%	50	72	94	111	140	170	230	300	375	420	
Moisture, %	±1, ±1.5 *	7.7	7.7	7.8	7.9	7.9	8.0	8.4	8.7	8.9	9.1	ISO 287
ISO Brightness C/2°, %	min. 87	90	90	90	90	90	90	90	90	90	90	ISO 2470
CIE Whiteness D65/10°, Top		120	120	120	120	120	120	120	120	120	120	ISO 11475
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	1.0	ISO 8791-4
Gloss 75°, %		45	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	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	0.5	
Cobb 60, g/m ² , Top	max. 60	30	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	50	
Robinson chocolate test		max 0.5 for one year storage in reels/pallets										PrEN1230-2

*) For 315 – 360 g/m²

**) 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 