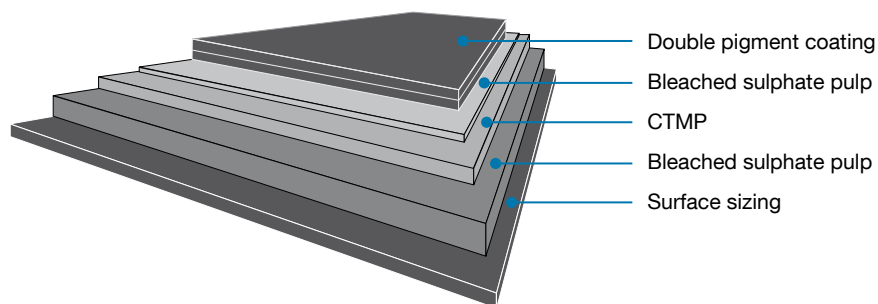


Perma Cream

Fully coated CTMP board with cream reverse



ISO 9001

Issued: 05.2010
Cancels: 10.2009

Specifications for Perma Cream:

Property / Unit	Tolerance											Standards
Grammage, g/m ²	+3%/-5%	200	220	230	245	260	290	315	340	360		ISO 536
Thickness, µm	±5%	310	340	360	405	440	500	560	610	650		ISO 534
Bending stiffness DIN 5° MD, mNm	-15%	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%	5.8	7.5	8.8	12.1	15.3	21.9	27.5	32.1	40.5		
Bending moment Taber 15° MD, mNm	-15%	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%	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%	172	224	266	320	385	510	670	825	930		
Bending resistance L&W 15°CD, mN	-15%	72	94	111	140	170	230	300	375	420		
Moisture, %	±1, ±1.5 *	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		ISO 2470
CIE Whiteness D65/10°, Top		120	120	120	120	120	120	120	120	120		ISO 11475
Surface Smoothness, PPS 10, µm	max. 2.0	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3		ISO 8791-4
Gloss 75°, %		40	40	40	40	40	40	40	40	40		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		
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

*) For 315–360 g/m²

***) For hard sized available in 245–360 g/m²

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.

Fors Mill has certified FSC and PEFC Chain-of-Custody (CoC) systems as well as certified hygiene management system.

FSC: Certificate registration code DNV-COC/CW-000033
PEFC: Certificate registration no. 2007-SKM-PEFC-019

