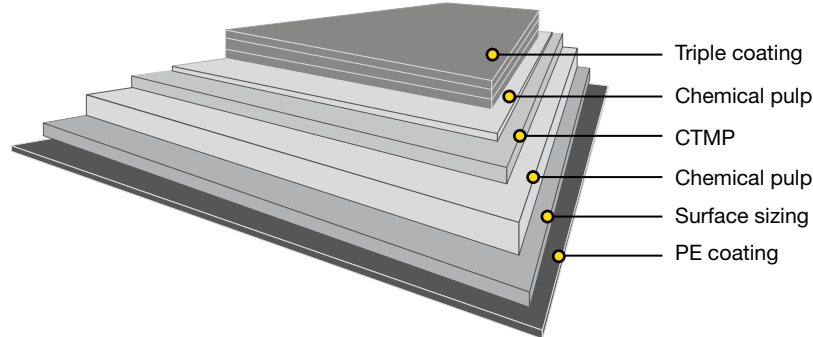


Performa Cream™ PE

Fully coated CTMP board with cream reverse

Performa Cream PE is a polyethylene-coated GC2 board with a three-layer fibre construction and CTMP (chemi-thermomechanical pulp) in the middle layer. It is triple-pigment-coated on the top side, and the reverse cream side is coated with transparent PE. Performa Cream PE is also available hard-sized (HS).



Issued: 12.2017
Cancels: 06.2017

Technical specification

Property / Unit	Tolerance	180+15	200+15	220+15	230+15	245+15	260+15	290+15	315+15	340+15	360+15	Standards
Polymer coated board:												
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:												
Grammage, g/m ²	±4%	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 resistance L&W 15° MD, mN	-15%	115	172	224	266	320	385	510	670	825	930	ISO 2493
Bending resistance L&W 15° CD, mN	-15%	50	72	94	111	140	170	230	300	375	420	
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 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	
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	
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°, %, Top	min. 87	90	90	90	90	90	90	90	90	90	90	ISO 2470-1
Brightness D65/10°, %, Top		97	97	97	97	97	97	97	97	97	97	ISO 2470-2
CIE Whiteness D65/10°, Top		120	120	120	120	120	120	120	120	120	120	ISO 11475
Surface Smoothness, PPS 10, µm, Top	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
Robinson chocolate test		max 0.5 for one year storage in reels/pallets										EN1230-2

*) For 315 – 360 g/m²
**) For hardsized

All properties according to Fors Mill measurements from board machine production.
Laboratory test climate 23°C/50% RH (according to ISO 187).
Tolerances based upon 95% confidence limits, apply to delivered reel/pallet average.
Bending moment Taber 15° and Bending resistance L&W 15° are binding, Bending stiffness DIN 5° are indicative.
Bending moment Taber 15° calculated from Bending resistance L&W 15°.



Performa Cream™ PE

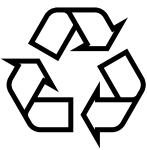
Fully coated CTMP board with cream reverse

Certificates

Quality management ISO 9001
 Environmental management ISO 14001
 Product safety FSSC 22000
 Health and safety OHSAS 18001
 Energy management ISO 50001



FSC and PEFC certified board available upon request.



Paperboard is recyclable

Key characteristics and main enduses

Performa Cream PE provides excellent value, runnability and performance in applications that require protection against humidity. Performa Cream PE is typically used for chocolate and confectionery, and frozen and chilled food products. Thanks to the triple-coated top side, combined with high brightness and whiteness for optimal visual appearance, Performa Cream gives a very good print result.

Printing and finishing techniques

The product can be used with different printing techniques such as offset, flexo and rotogravure. The product works very well with different finishing techniques, such as embossing, hot foil stamping and others. It is suitable for laser coding and ink jet marking. Certificates according to PTS-DF 105/2013 and PTS-DF 103/2011 are available upon request.

Storage recommendations

For optimal printing results, the moisture proof wrapping should not be removed until the board has reached the temperature of the press room.

Pallet/Reel Weight (kg)	Difference in temperature between board and press room (press room temp. approx. 20°C)		
	10°C	20°C	30°C
400 kg	2 days	2 days	3 days
800 kg	2 days	3 days	4 days
1200 kg	2 days	4 days	5 days

The product properties, according to the specifications, are guaranteed for 12 months after the production date. In order to ensure product safety, the product must be well wrapped and stored in its original cover indoors, sheltered from rain and snow. The recommended storage conditions are 50-55% relative humidity and 20-23°C.

For the Corona treatment, we recommend using the board within 12 months of the production date; after this period, the treatment level should be tested before printing or gluing.

