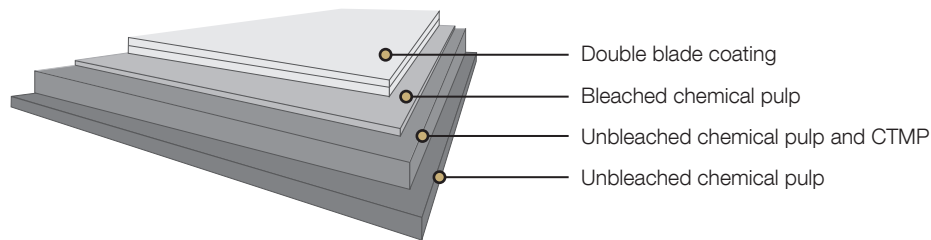


Multilayer kraft back board



ISO 9001

Issued: 03.2012
Cancels: 08.2011

Specifications for CKB®:

Property / Unit	Tolerance												Standards
Grammage, g/m ²	+3%/-5%	175*	200*	220*	235*	255*	290*	300	325	360	390		ISO 536
Thickness, µm	±5%	260	310	370	405	445	500	480	530	580	635		ISO 534
Bending stiffness DIN 5° MD, mNm		7.6	13.7	21.8	28.4	38.0	55.7	55.7	71.4	96.3	108.9		DIN 53121
Bending stiffness DIN 5° CD, mNm		3.6	6.5	10.4	13.5	18.1	24.1	24.1	30.7	39.9	47.0		DIN 53121
Bending moment Taber 15° MD, mNm	-15%	4.4	7.8	12.0	15.3	20.2	29.5	29.5	37.4	46.9	56.4		TAPPI 489 om-99
Bending moment Taber 15° CD, mNm	-15%	2.1	3.7	5.7	7.3	9.6	12.8	12.8	16.2	20.4	24.5		TAPPI 489 om-99
Bending resistance L&W 15° MD, mN	-15%	90	160	250	319	416	611	611	775	971	1168		ISO 2493
Bending resistance L&W 15° CD, mN	-15%	43	76	119	152	198	266	266	336	422	508		ISO 2493
Moisture, %	±1	7.0	7.0	7.0	7.5	7.5	8.0	8.0	8.5	9.0	9.5		ISO 287
ISO Brightness C/2°, %	min. 78	80	80	80	80	80	80	80	80	80	80		ISO 2470
Surface Smoothness, PPS 10, µm	max. 2.3, 2.5	1.5	1.5	1.5	1.5	1.5	1.7	1.7	1.7	2.0	2.0		ISO 8791-4
Surface Smoothness, Bendtsen, ml/min, Reverse	max. 1800	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000		SCAN P 84:02
Gloss 75°, %		35	35	35	35	35	30	30	30	30	30		ISO 8254-1
Scott Bond, J/m ²	min. 100	175	175	175	200	200	150	150	150	150	150		TAPPI 569 pm-00
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		
Tearing resistance MD, mN	-600	2200	2700	3150	3400	3900	4350	4700	5100	5800	6540		TAPPI 496 sp-99
Tearing resistance CD, mN	-600	2400	2950	3450	3800	4300	4900	5200	5700	6400	7150		
Cobb 60, g/m ² , Top		30	30	30	30	30	30	30	30	30	30		ISO 535
Cobb 60, g/m ² , Reverse		30	30	30	30	30	30	30	30	30	30		ISO 535
Robinson chocolate test		< 1 for one year stored under normal conditions										PrEN1230-2	
Burst strenght, kPa		630											ISO 2759:01
SCT MD, kN/m		4.0											ISO 9895:89
SCT CD, kN/m		2.9											ISO 9895:89

*) Produced with RaZoR concept

All properties according to Skoghall Mill measurements.

DIN stiffness irregularly measured according to DIN 53121 and value to be treated as indication only. Bending moment Taber 15° calculated from Bending resistance L&W 15°. Edge wicking measured in distilled water at 23°C, 10 min.

Test climate 23 °C / 50 % RH (according to ISO 187). Tolerances based upon 95 % confidence limits, apply to reel average. In order to verify, reel average shall be based on 5 single measurements randomly sampled within the reel. These averages will be for at least 19 of 20 reels within the specification limits.

Skoghall 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-000370
PEFC: Certificate registration no. 94721-2011-AE-FIN-FINAS