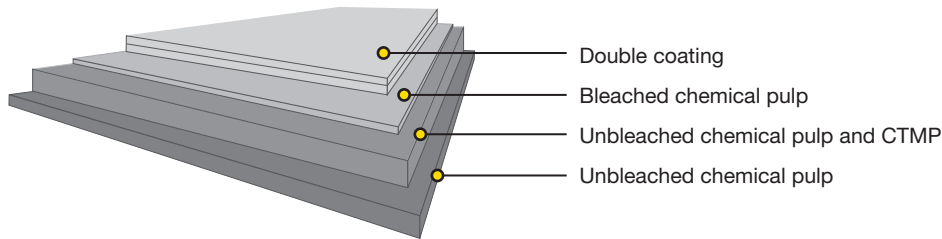


Multilayer kraft back board



Issued: 08.2015
Cancels: 01.2015

Technical specification

Property / Unit	Tolerance	Standards									
Grammage, g/m ²	+3%/-5%	175	195	220	235	255	290	315	350	380	ISO 536
Thickness, μm	±5%	245	300	360	400	435	490	540	600	665	ISO 534
Bending stiffness DIN 5° MD, mNm		7.6	13.7	21.8	28.4	38.0	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	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	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	16.2	20.4	24.5	TAPPI 489 om-99
Bending resistance L&W 15° MD, mN	-15%	90	160	250	319	416	611	775	971	1168	ISO 2493
Bending resistance L&W 15° CD, mN	-15%	43	76	119	152	198	266	336	422	508	ISO 2493
Moisture, %	±1	7.0	7.0	7.0	7.5	7.5	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	ISO 2470
Surface Smoothness, PPS 10, μm	max. 2.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	ISO 8791-4
Surface Smoothness, Bendtsen, ml/min, Reverse	max. 2000	1000	1000	1000	1000	1000	1000	1000	1000	1000	SCAN P 84:02
Gloss 75°, %		35	35	35	35	35	30	30	30	30	ISO 8254-1
Scott Bond, J/m ²	min. 100	175	175	175	200	200	200	180	180	180	TAPPI 569 pm-00
Edge wicking, kg/m ²	max. 1.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
Tearing resistance MD, mN	-800	2200	2500	3150	3400	3900	4350	5100	5800	6540	TAPPI 496 sp-99
Tearing resistance CD, mN	-800	2400	2750	3450	3800	4300	4900	5700	6400	7150	
Cobb 60, g/m ² , Top		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	ISO 535
Robinson chocolate test		< 1 for one year stored under normal conditions									PrEN1230-2
Burst strenght, kPa		630	640								ISO 2759:01
SCT MD, kN/m		4.0	4.5								ISO 9895:89
SCT CD, kN/m		2.9	2.9								ISO 9895:89

Produced with RaZoR concept

All properties according to Skoghall Mill measurements.

Wet tearing resistance is typically 25-30 % of dry tearing resistance, except for CKB 380 gsm where the wet tearing resistance is 60 % of dry tearing resistance.

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/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 FSC 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 