

Billerud CrownBoard Prestige

Production units: Frövi & Gruvön

Technical Data Sheet

Metric



Fully coated top side
 Top: Bleached chemical pulp
 Middle: Bleached CTMP reinforced with bleached chemical pulp
 Bottom: Bleached chemical pulp
 Light coated reverse side

Product description

CrownBoard Prestige® combines strength and printability in a unique way. The strong, stiff and tough board gives top performance throughout the product range. A high-white, coated surface offers outstanding print results giving the packaging a sophisticated visual appearance that enhances the contents. CrownBoard Prestige® is made out of 100% primary wood fibres. Produced in Sweden.

Certification

Our mills are certified in accordance with ISO 9001, ISO 14001, ISO 50001, FSC 22000. PEFC CoC and FSC® CoC Licence FSC-C004906 available. The product is in compliance with FDA and BfR regarding food contact applications, for restriction and limitations ask your sales person. Recyclable in accordance with EN 13430:2004 and EN 13431:2004.

Property	Unit	Method	Tolerance										
Basis weight	g/m²	ISO 536	±4%	170	200	220	235	265	290	315	340	370	400
Caliper microns	µm	ISO 534	±4% or max ±20µm	205	255	290	305	355	405	455	505	555	605
Caliper points	pt		±4%	8.1	10.0	11.4	12.0	14.0	15.9	17.9	19.9	21.9	23.8
Bending resistance, L&W 15° MD	mN	ISO 2493	-15%	65	115	172	212	300	430	550	650	840	1070
Bending resistance, L&W 15° CD	mN	ISO 2493	-15%	31	55	82	101	150	230	290	355	460	580
Internal bond strength	J/m ²	T569	min 100	150	150	150	150	150	150	150	150	150	150
Tearing resistance GM	mN	ISO 1974		1900	2300	2700	3100	3800	4250	4800	5500	6300	7300
CIE Whiteness TS	%	ISO 11475	min 120	125	125	125	125	125	125	125	125	125	125
CIE Whiteness RS	%	ISO 11475	min 97	102	102	102	102	102	102	102	102	102	102
Roughness, PPS-10 TS	µm	ISO 8791-4	max 1.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Roughness, Bendtsen TS	ml/min	ISO 8791-2	max 120	50	50	50	50	50	50	50	50	50	50
Roughness, Bendtsen RS	ml/min	ISO 8791-2	max 900, 1300*	500	500	500	500	500	500	500	500	500	500
Cobb 60" TS	g/m ²	ISO 535	max 60	35	35	35	35	35	35	35	35	35	35
Cobb 60" RS	g/m ²	ISO 535	max 60	35	35	35	35	35	35	35	35	35	35
Moisture content	%	ISO 287	±1.2	7.3	7.3	7.3	7.4	7.4	7.5	7.7	7.9	8.1	8.3

• Issued on the 5th of June, 2019. Revised on the 12th of October 2022.
 • This specification might be revised, if considerable changes in the production conditions are necessary, or customer demands so require.
 • Testing climate 23°C, 50% RH.

• Min/max property values are lower resp. upper limit values for 95% confidence interval of the tested properties and are based on measurements on tambour basis.
 • During the converting process, especially the bending stiffness values might be influenced negatively.

*) For 340 - 400 g/m²