

# Billerud CrownBoard Craft

Production unit: Frövi

## Technical Data Sheet

Metric



Fully coated top side  
 Top: Bleached chemical pulp  
 Middle: Unbleached CTMP with unbleached chemical pulp  
 Bottom: Unbleached chemical pulp  
 Uncoated reverse side

### Product description

CrownBoard Craft® is all about quality and strength. Optimized strength/weight ratio makes it safe to lightweight without compromising on the packaging performance. The naturally brown reverse side opens up for additional design possibilities and the white fully-coated top side offers high quality printability. CrownBoard Craft® 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										
<b>Basis weight</b>	<b>g/m<sup>2</sup></b>	<b>ISO 536</b>	<b>±4%</b>	<b>245</b>	<b>265</b>	<b>285</b>	<b>300</b>	<b>315</b>	<b>330</b>	<b>345</b>	<b>375</b>	<b>405</b>	<b>460</b>
<b>Caliper microns</b>	<b>µm</b>	<b>ISO 534</b>	<b>±4% or max ±20µm</b>	<b>365</b>	<b>400</b>	<b>430</b>	<b>455</b>	<b>480</b>	<b>510</b>	<b>535</b>	<b>585</b>	<b>630</b>	<b>745</b>
<b>Caliper points</b>	<b>pt</b>		<b>±4%</b>	<b>14.4</b>	<b>15.7</b>	<b>16.9</b>	<b>17.9</b>	<b>18.9</b>	<b>20.1</b>	<b>21.1</b>	<b>23.0</b>	<b>24.8</b>	<b>29.3</b>
Bending resistance, L&W 15° MD	mN	ISO 2493	-20%	310	370	460	555	630	730	860	1065	1175	1600
Bending resistance, L&W 15° CD	mN	ISO 2493	-20%	145	175	220	260	320	360	430	580	670	980
Internal bond strength	J/m <sup>2</sup>	T569	min 90	150	150	150	150	150	150	150	150	150	150
Tearing resistance GM	mN	ISO 1974		4000	4500	5200	5800	6300	7200	8000	9100	10200	12000
CIE Whiteness TS	%	ISO 11475	min 89	93	93	93	93	93	93	93	93	93	93
Roughness, PPS-10 TS	µm	ISO 8791-4	max 2.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
Roughness, Bendtsen TS	ml/min	ISO 8791-2	max 300	120	120	120	120	120	120	120	120	120	120
Roughness, Bendtsen RS	ml/min	ISO 8791-2	max 1500*, 1600**, 1700***, 1800****	1000	1000	1000	1100	1100	1200	1200	1200	1300	1300
Cobb 60" TS	g/m <sup>2</sup>	ISO 535		35	35	35	35	35	35	35	35	35	35
Cobb 60" RS	g/m <sup>2</sup>	ISO 535		35	35	35	35	35	35	35	35	35	35
Moisture content	%	ISO 287		7.6	7.7	7.8	7.9	8.0	8.1	8.2	8.4	8.5	8.5

- 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 245 - 285 g/m<sup>2</sup>, \*\*) for 300-315 g/m<sup>2</sup>,  
 \*\*\*) for 330-375 g/m<sup>2</sup>, \*\*\*\*) for 405-460 g/m<sup>2</sup>