

We challenge conventional packaging  
for a sustainable future

# CrownBoard **Craft**<sup>™</sup>

## Technical specifications

CrownBoard Craft is engineered to offer an extremely strong and durable packaging material. The high strength ensures superior efficiency/productivity in converting processes, great versatility in terms of applications, and lightweighting opportunities. Craft features a white, fully coated top side and a naturally brown reverse which accentuates the strength. This offers an extra original, rustic appeal and additional design possibilities. Although with a brown reverse, the top side offers quality printability to match most all-white boards.

# CrownBoard Craft

CrownBoard Craft is a state-of-the-art, climate-smart cartonboard, built up in multiple layers and made of 100% pure and strong primary Nordic wood fibre.

## DECLARATION OF CONTENTS

Fully coated top side

Top: Bleached chemical pulp

Middle: CTMP, reinforced with unbleached chemical pulp – a unique combination of flexibility, strength and stiffness

Bottom: Unbleached chemical pulp



PROPERTY / UNIT	METHOD	TOLERANCE	245	265	285	300	315	330	345	375	405	460
<b>Basis weight 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>ISO 534</b>	<b>±4%</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>±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%	323	395	470	555	675	805	950	1185	1400	1850
Bending resistance, L&W 15° CD mN	ISO 2493	-20%	143	178	218	260	320	390	460	575	680	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 microns	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

\*) 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>

## CERTIFICATION

Certified in accordance with ISO 9001, ISO 14001, ISO 50001, FSSC 22000, FSC CoC & PEFC CoC. In addition to that the products produced at the mill are in compliance with FDA and BfR packaging regulations.

- 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.
- This specification might be revised, if considerable changes in the production conditions are necessary, or customer demands so require.