

# EXCELLENT TOP KRAFT

EXKR / Coated Kraft

Code no. 14191

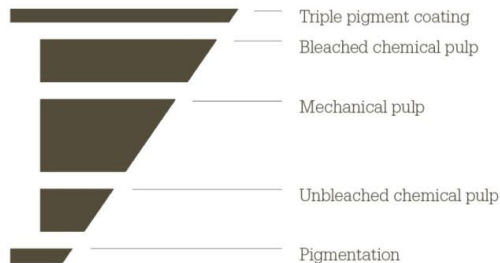


Mill

Kolicveo Karton d.o.o., Slovenia

Last update of values 07/2017

## 1 Board structure



Fibre material	% of total board	+/- in % of total
Virgin Fibre	88	5
Pigmentation	12	5
<b>Total</b>	<b>100</b>	

## 2 Technical specifications

Grammage	Caliper	Bulk	Stiffness				
			L&W 5° md	L&W 5° cd	L&W	Taber 15° md	Taber 15° cd
g/m <sup>2</sup>	µm	cm <sup>3</sup> /g	mNm	mNm	$\sqrt[3]{(md \times cd)}$	mNm	mNm
230	380	1.65	22.3	10.1	15.0	11.8	5.4
245	410	1.67	29.2	13.2	19.6	15.5	7.1
270	455	1.69	40.4	17.2	26.4	21.4	9.2
300	525	1.75	55.1	23.5	36.0	29.2	12.6
330	580	1.76	69.6	29.7	45.5	36.9	15.9
370	650	1.76	88.2	37.8	57.7	46.8	20.2

Property	Value	Tolerances	Test standard
Brightness top (%)	88 Elrepho	-1	ISO 2470-2
Smoothness / PPS (µm)	0.8	≤1.2	ISO 8791-4
Gloss 75°	> 55 %		ISO 8254
Value Cobb			
Top	<30 g/m <sup>2</sup> (60sec.)		EN 20535
Reverse	<30 g/m <sup>2</sup> (60sec.)		EN 20535
Grammage		+/- 2%	EN ISO 536
Stiffness		-15% <sup>1</sup>	DIN 53121
Caliper		+/- 5%, > 350 g/m <sup>2</sup> +/- 3%	EN 20534
Bulk		+/- 5%	EN 20534
Testing climate	23°C	+/- 1°C	EN ISO 186
	50%	+/- 2% rh	

## 4 Mill certificates

Forest management	FSC®: TUVDC-COC-100867-F, FSC®: TUVDC-CW-100867-F, PEFC™: DC-COC-000867
Hygiene management	HACCP
Quality management	ISO 9001

<sup>1</sup>Permissible: -15% of the target stiffness. This applies to 100% of all measured single values. The single value is a calculated average of five measurements per sheet. The stiffness has to be measured at both sides. The resulting average value is then the stiffness of the single sample.

All figures mentioned above may be subject to technical changes.  
L&W figures are binding, Taber figures are indicative.