



July 25, 2018

Customer Information

Re: Directive 94/62/EG

We can confirm that all board grades of the Mayr-Melnhof group are in compliance with directive 94/62/EC including the amendments 2004/12/EC, 2005/20/EC and 2018/852/EC and that we fulfil the requirements of the relating harmonized CEN standards and relating CEN reports. This statement is valid for Mayr-Melnhof Karton and Mayr-Melnhof Packaging.

In detail:

EN 13427 (Umbrella) describes how to handle the series of standards

EN 13428 (Prevention) deals with the whole packaging

EN 13429 (Reuse) is not applicable for our product

EN 13430 (Material recycling) is fulfilled

EN 13431 (Energy recovery) is fulfilled

EN 13432 (Biodegradation) is fulfilled

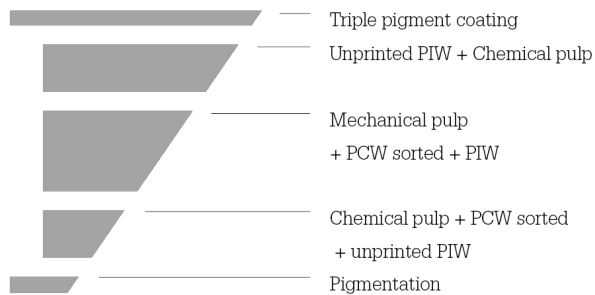
TR 13695-1 (limits of heavy metals [Sum of Pb, Cd, Hg and Cr(VI) < 100 ppm]) is fulfilled

TR 13695-2 (other noxious substances) is fulfilled

MAYR-MELNHOF KARTON
Gesellschaft mbH
(Dipl.-Ing. H. Traußnig)

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1 Board structure



Fibre material	% of total board	+/- in % of total
Virgin Fibre	30	5
PIW	20	10
PCW	40	10
Pigmentation	10	5
Total	100	

PIW = Post Industrial White Recycled Fibres
PCW = Post Consumer White and Grey Recycled Fibres

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 ²	µm	cm ³ /g	mNm	mNm	$\sqrt{(\text{md} \times \text{cd})}$	mNm	mNm
280	380	1.36	26.5	11.0	17.1	12.7	6.0
300	410	1.37	30.7	12.3	19.8	16.1	6.5
320	434	1.36	36.4	15.2	23.5	18.8	7.8
350	470	1.34	44.9	18.7	29.0	21.0	9.3
380	515	1.36	59.4	23.7	38.3	30.8	12.5
400	545	1.36	68.8	28.7	44.4	35.0	14.1
450	605	1.34	94.7	39.5	61.1	39.5	20.2
500	670	1.34	126.0	48.5	78.2	60.0	25.0

Property	Value	Tolerances	Test standard
Brightness top (%)	79 % Elrepho	-1	ISO 2470-2
Grammage		+/- 2%	EN ISO 536
Stiffness		-15% ¹	DIN 53121
Caliper		+/- 5%, > 350 g/m ² +/- 3%	EN 20534
Bulk		+/- 5%	EN 20534
Testing climate	23°C	+/- 1°C	EN ISO 186
	50%	+/- 2% rh	

4 Certificates

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

¹Permissible: -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.

250 and 280 gsm: subject to minimum tonnage and a suitable deckle fill.