

DATASHEET



LIFE RECYCLING PAPER TREND WHITE

PRIMUS MÜNCHEN
Franz - Joseph - Straße 48
80801 München

LIFE
 trend white



München 08.08.2019

[Handwritten signature]

Characteristic	Test-Methods	Unit	tolerance		
			Value	Minimum	Maximum
grammage	ISO 536	g/m ²	80	77	83
moisture relative	—	%	30	25	32
thickness	ISO 534	µm	103	100	106
opacity	ISO 2471	%	95	95	—
whiteness	ISO 2470	%	80	78	82
water absorption Cobb	DIN EN 20535	g/m ²	25	20	30
breaking length md	DIN EN ISO 1924	m	4500	4500	—
roughness	DIN 53108	ml/min	250	150	350
bending strength	DIN 53121	Nmm	0,13	0,13	—
pH - value	DIN 53124	—	7	6,5	7,5
surface resistance	DIN IEC 60093	Ohm	—	10 ⁸	10 ¹¹
surface strength	ISO 3783	m/s	2	2	—
abrasion resistance	DIN 53109	mg	—	—	20
toner adhesion	DIN EN 12283	—	>0,8	—	—
cut quality	DIN 12281	—	95% < 5 98% < 6	—	—

additives The additives used are free from organic chlorine compounds and do not lead to AOX formation.

The data presented are valid from January 2019 and can be changed without notice

PRIMUS MÜNCHEN

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 Tel.: 089 - 24 24 1810 • Fax: 089 - 24 24 1818
 mail: primus.muenchen@gmail.com



ream
500 sheet

carton
5 x 500 sheet



4 260506 230622

4 260506 230639



gGmbH

URKUNDE

**PAPIERFABRIK HAINSBURG GMBH
01705 FREITAL, DEUTSCHLAND**

WIRD AUFGRUND DES ZEICHENBENUTZUNGSVERTRAGES NR. 17284 DAS RECHT
VERLIEHEN, FÜR DAS PRODUKT

LETTURA 80 COPY - KOPIERPAPIER

DAS NACHSTEHEND ABGEBILDETE UMWELTZEICHEN ALS
AUSWEIS FÜR DIE BESONDERE UMWELTFREUNDLICHKEIT ZU FÜHREN.



SANKT AUGUSTIN, DEN 19. AUGUST 2009

M. Eitz

DER GESCHÄFTSFÜHRER

RAL gGmbH



Bundesministerium
für Umwelt, Naturschutz
und Reaktorsicherheit

Umwelt
Bundes
Amt 
Für Mensch und Umwelt

FSC® CHAIN OF CUSTODY CERTIFICATE

Certificate No:
DNV-COC-001613
Issue Number:
2.0

Initial certification date:
22 March, 2018

Validity:
22 March, 2018 - 21 March, 2023

The validity of this certificate shall be verified on www.info.fsc.org

This is to certify that

Papierfabrik Hainsberg GmbH

Dresdner Str. 321, 01705 Freital, Germany

has been found to conform to FSC standard:

FSC-STD-40-004 VER 3.0, FSC-STD-40-007 VER 2.0

This certificate is valid for the following Scope:

Purchasing of RCP, manufacturing and sale of graphical recycling papers and packaging papers (FSC recycled). Credit system.

A list of the certificated products can be obtained from the FSC database, www.info.fsc.org.

This certificate itself does not constitute evidence that a particular product supplied by the certificate holder is FSC-certified (or FSC Controlled Wood). Products offered, shipped or sold by the certificate holder can only be considered covered by the scope of this certificate when the required FSC claim is clearly stated on invoices and shipping documents.

Place and date:
Solna 22 March, 2018



The mark of
responsible forestry

For the issuing office:
DNV GL – Business Assurance
Sweden AB

Ann-Louise Pätt
Management Representative

Lack of fulfilment of conditions as set out in the Certification Agreement may render this Certificate Invalid.
This certificate is the property of DNV GL Business Assurance Sweden AB and must be returned on request
ACCREDITED UNIT: DNV GL Business Assurance Sweden AB, Box 6016, 171 06 Solna, Sweden Tel.: +46 8 587 940 00. www.dnvgl.com



Papierfabrik Hainsberg GmbH

Official Company Environmental Policy Statement

The Hainsberg Paper Factory commits itself to minimising its local environmental impact long-term, over and above existing environmental laws and regulations.

Since 1838, we have been manufacturing paper at a site in the direct vicinity of the Saxon Switzerland National Park and of numerous nature reserves in the Eastern Erz mountain area. We feel particularly responsible for the region and its local inhabitants.

Our trade ethics unite environmentally friendly and economically viable principles as a matter of course. For us, this entails treating resources with consideration. Our production procedures are state of the art, and encumber the environment to the smallest possible degree. We monitor and assess the impact we have on the environment on an on-going basis.

The lowest possible environmental impact is our prime consideration in selecting raw and auxiliary materials, as well as in developing new technology.

- For our paper production, we use only waste paper which has been prepared using special technology. Most of this is sourced locally, keeping long transports to a minimum. This helps the environment on two levels. Waste paper is collected and recycled, and forests are relieved.
- Some 30,000 t of the waste paper we use come from the post-consumer area, i.e., household waste collection. This volume is equal to the volume of waste paper produced by more than 300,000 inhabitants - in other words, the volume of waste paper produced in the whole Saxon Switzerland / Eastern Erz mountain region.
- The auxiliary materials we employ for our paper are selected such that our paper is safe to use under food safety regulations, is resistant to aging, and can be recycled.
- The manufacture of paper is always an energy-intensive process. We need both electricity and steam, most of which we produce ourselves in our own power plant. The coal we use is mined locally, keeping transport to a minimum. The power plant is a cogeneration plant, and has an extremely high efficiency level of over 90%.
- In an on-going optimisation process, we replace outdated equipment with new, more environmentally friendly equipment. By doing so, and by building the new power plant, we have cut the amount of specific energy we need for our products by 60% in the last three years.
- The high level of efficiency in our new cogeneration plant has considerably improved our CO² figures. We generate approx. 0.9 kg of CO² per kg of newly produced paper - and have thus more than halved our emission levels in the last three years.

- The waste gases from our power plant are continually cleaned and filtered. They are subject to an online evaluation, and are constantly monitored by the relevant authorities in Dresden.
- Unwanted materials arising from waste paper processing are ejected, sorted, and either implemented as aggregates in the manufacture of construction materials or converted into energy.
- All production waste, such as cut offs or paper leftovers, are returned immediately and wholly to the internal production cycle where they are again used as valuable raw materials.
- The surplus heat produced by our paper machines is used to heat the required fresh air supply or to heat the rooms.
- 90% of the water we use is circulated within our closed cycle. This is possible thanks to the fact that our system includes a multi-level cleaning stage, during which fibres are also reclaimed. The remaining wastewater - some 70 m³/h - is clarified in our own wastewater treatment plant and then returned to the environment to parameters considerably below the statutory threshold values. The water we return to the environment is cleaner than the water we take from it.

We ensure that our partners work to the same ecological principles as ourselves.

As a logical conclusion to our principles, we are introducing an environment management system according to DIN ISO 14001 standards in 2011, which will be integrated into the existing quality management system according to DIN ISO 9001:2008 standards. This integrated management system will ensure transparency. This is something we owe to our business partners, customers, employees and the general public.

Our products have been awarded the Blue Angel eco-label and FSC certification. We are active members of the German Pro Recycling initiative, and are committed to participating in proactive campaigns and awareness campaigns for using recycled paper from secondary raw materials.

By using nothing but waste paper, our company has an ecological approach per se. But this does not produce perfect products by itself: effective environmental and work protection, combined with outstanding quality products, are our top priorities.

Our employees play their part in the system via their next management level, environmental officers and the company board, and are involved in the implementation of measures. We invest not only in the right technology for our company, but also in staff competence. We see this as a significant contribution to dealing efficiently with natural resources.

An annual environmental inspection, which forms part of the internal audit, and the subsequent assessment of this inspection, ensures that our environment management system is developed on an on-going basis.

Dr. Dietrich Arnhold

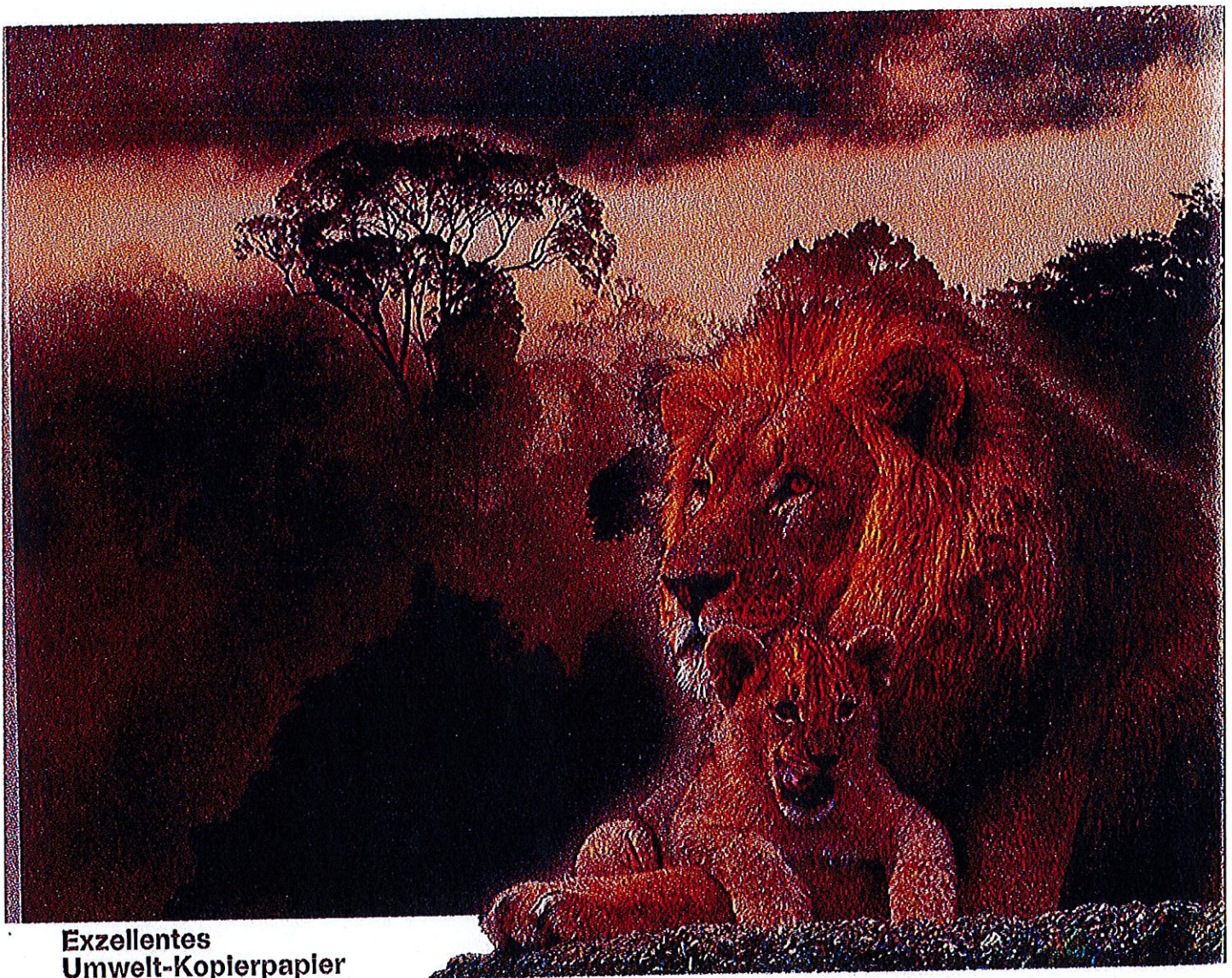
Krystyna Biczowski

Halsberg, 22.12.2010

FRONT

LIFE

trend white



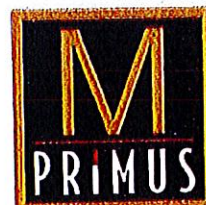
Exzellentes
Umwelt-Kopierpapier



RECYCLED
Papier aus
Recyclingmaterial
FSC® C132740

500
Blatt
ISO
80

100%
ALT-
PAPIER



Ein
Qualitätspapier
aus dem Hause
PRIMUS

Verpackung erst vor Gebrauch öffnen. Aufbewahrung in der Originalpackung.

Open the ream only before use. Rewrap and seal the remaining paper in the original wrappers.

Ouvrir les ramettes uniquement avant utilisation. Refermer les ramettes après avoir chargé votre machine.

Aprire il pacco solo per l'uso. Conservare nell'imballaggio d'origine.

Lagerung im Büro oder Kopierraum mindestens 24 Stunden vor Verwendung.

Store the paper next to the machine or in the office for at least 24 hours before use.

Il est conseillé de stocker le papier dans le local d'utilisation ou moins 24 heures avant utilisation.

Mettere la carta vicino alla stampante almeno 24 ore prima dell'uso.

LIFE trend white ist uneingeschränkt alterungsbeständig (DIN 6738, 24-85)

LIFE trend white is absolutely resistant to aging (DIN 6738, 24-85)

LIFE trend white présente une inaltérabilité illimitée (DIN 6738, 24-85)

LIFE trend white è assolutamente resistente al processo d'invecchiamento (DIN 6738, 24-85)

Empfehlung für eine einwandfreie Funktion des LIFE trend white Recycling-Kopierpapiers:

Instruction for best product performance of the recycled copy paper LIFE trend white:

Pour obtenir une meilleure qualité du papier recyclé LIFE trend white:

Istruzioni per l'ottima qualità di stampa sulla carta riciclata LIFE trend white:

Keinen extremen Temperaturschwankungen aussetzen (Raumtemperatur ca. 21°C).

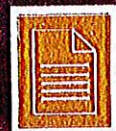
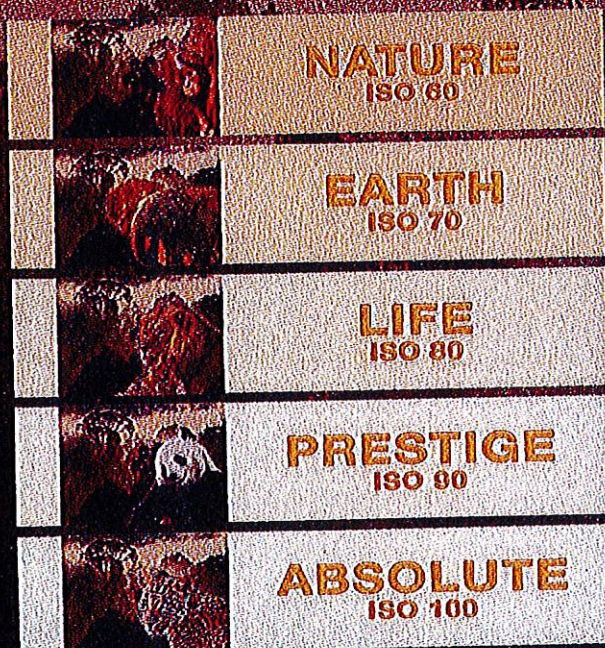
Make sure that the paper is not exposed to extreme humidity and temperature conditions (temperature ca. 21°C).

Eviter d'ouvrir les ramettes dans des conditions d'humidité et de température inadapées (température ca. 21°C).

Assicurarsi che la carta non sia esposta all'umidità o a temperature più alte di 21°C.

RETO

PRIMUS Recycling-Sortiment



COPY



LASER



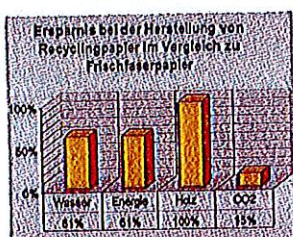
FAX



INKJET



DUPLEX



Die effektive Ersparnis bei 1000 Blatt Recyclingpapier

Wasser	158,8	Liter
Energie	32,6	kWh
Holz	15	kg
CO2	0,8	kg

Pfeilrichtung für die richtige Kopiersseite beachten.

Note: Arrow shows best copy side.

Tenir compte de la direction de la flèche qui indique la face pour obtenir une meilleure qualité.

La freccia indica il lato corretto per l'ottima qualità di stampa.



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7470

LIFE
trend white
500 Blatt DIN A4
80 g/qm
Art.-Nr.: 46080
Recycling-Kopierpapier

