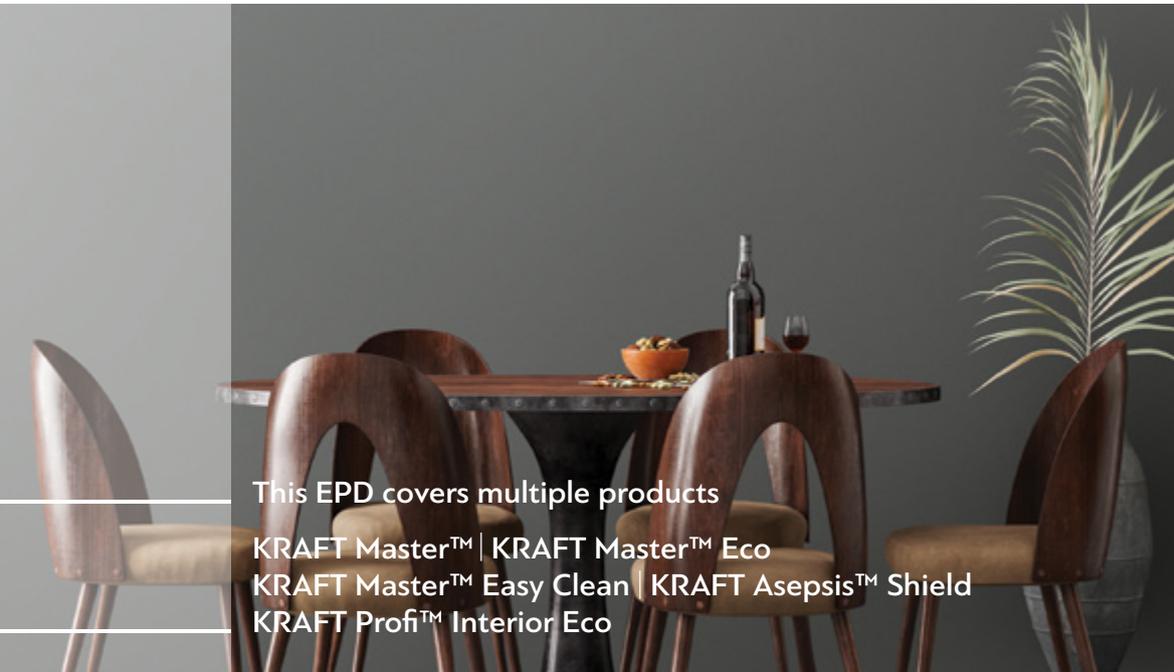


# ENVIRONMENTAL PRODUCT DECLARATION

According to ISO 14025:2006 and EN 15804:2012+A2:2019/AC:2021



This EPD covers multiple products

KRAFT Master™ | KRAFT Master™ Eco  
KRAFT Master™ Easy Clean | KRAFT Asepsis™ Shield  
KRAFT Profi™ Interior Eco



# Emulsion wall paints



Owner of the Declaration: DRUCKFARBEN HELLAS S.A.

Programme: [The International EPD® System](#)

[www.environdec.com](http://www.environdec.com)

Programme operator: EPD International AB

Registration number	S-P-07623
Issue date	18.01.2023
Revision Date	17.06.2024
Valid to	17.01.2028
Geographical scope	Europe



THE INTERNATIONAL EPD® SYSTEM



[KRAFTPAINTS.COM](http://KRAFTPAINTS.COM)



## Company Description

### Druckfarben Group S.A.

- Produces inks for flexography and rotogravure printing.
- In the coatings and mortars division, decorative and architectural products and cementitious putties are commercialized under the KRAFT Paints brand.
- Energy saving / external thermal insulation products are commercialized under the BIOCLIMA brand.



**DRUCKFARBEN Group** comprises of a group of companies with worldwide activities catering to the ink, coating, and energy saving sectors.

More specifically, **DF Hellas S.A.** produces inks for flexography and rotogravure printing under the **DRUCKFARBEN** brand name using sub-brands for the various applications in the food packaging, plastic bags, cartons, and related products.

In the coatings division it commercializes its decorative and architectural paints products under the **KRAFT PAINTS** brand and in the energy saving/external thermal insulation products under the **BIOCLIMA®** brand. The Group has an important and increasing international presence in Eastern and Central Europe through subsidiaries in Bulgaria, Romania, Serbia, and through representatives

in Malta, Turkey, Tunisia, Lebanon, Hungary, Slovenia, Croatia, Albania and Western and North Africa, Israel, and the Gulf countries. In West Africa, the company operates in Nigeria through its own subsidiary and the neighboring countries of the Economic Community of West African States (ECOWAS). The company's strategy includes expanding its export activities to new countries supported by a strong network of local partners.

**DRUCKFARBEN** holds a significant position in the area of architectural paints, varnishes and mortars related to construction activities under the **KRAFT PAINTS** brand. Also, under the **BIOCLIMA®** brand, the company offers a wide range of certified thermal insulation systems for energy upgrading and aesthetic renovation of new and existing buildings.

## General information Programme information

**Programme:** The International EPD® System

**Address:** EPD International AB  
Box 210 60  
SE-100 31 Stockholm  
Sweden

**Website:** [www.environdec.com](http://www.environdec.com)

**E-mail:** [info@environdec.com](mailto:info@environdec.com)

### Accountabilities for PCR, LCA and independent, third-party verification

#### Product Category Rules (PCR)

CEN standard EN 15804 serves as the Core Product Category Rules (PCR)

Product Category Rules (PCR): PCR 2019:14 Construction products, version 1.11

PCR review was conducted by: The Technical Committee of the International EPD® System. See [www.environdec.com/TC](http://www.environdec.com/TC) for a list of members. Review chair: Claudia A. Peña, University of Concepción, Chile. The review panel may be contacted via the Secretariat [info@environdec.com](mailto:info@environdec.com)

#### Life cycle assessment (LCA)

LCA accountability: Dr. Frank Werner

#### Third-party verification

Independent third-party verification of the declaration and data, according to ISO 14025:2006, via:

EPD verification by accredited certification body

Third-party verifier:

Business Quality Verification PC



Approved certification body accountable for the third-party verification.

The certification body is accredited by:

Hellenic Accreditation System with accreditation number 1218.

Procedure for follow-up of data during EPD validity involves third-party verifier.

Yes

No



THE INTERNATIONAL EPD® SYSTEM

## Comparability:

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Basically, a comparison or an evaluation of EPD data is only possible if all the data sets to be compared were created according to EN 15804+A2 and the building context, respectively the product-specific characteristics of performance, are taken into account.

## Additional information:

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“EPDs within the same product category but registered in different EPD programmes, or not compliant with EN 15804, may not be comparable.

For two EPDs to be comparable, they must be based on the same PCR (including the same version number) or be based on fully-aligned PCRs or versions of PCRs; cover products with identical functions, technical performances and use (e.g. identical declared/functional units); have equivalent system boundaries and descriptions of data; apply equivalent data quality requirements, methods of data collection, and allocation methods; apply identical cut-off rules and impact assessment methods (including the same version of characterisation factors); have equivalent content declarations; and be valid at the time of comparison.

For further information about comparability, see EN 15804 and ISO 14025.

The EPD owner has the sole ownership, liability, and responsibility for the EPD.

Additional information can be obtained under: <https://kraftpaints.com>

## Contact person

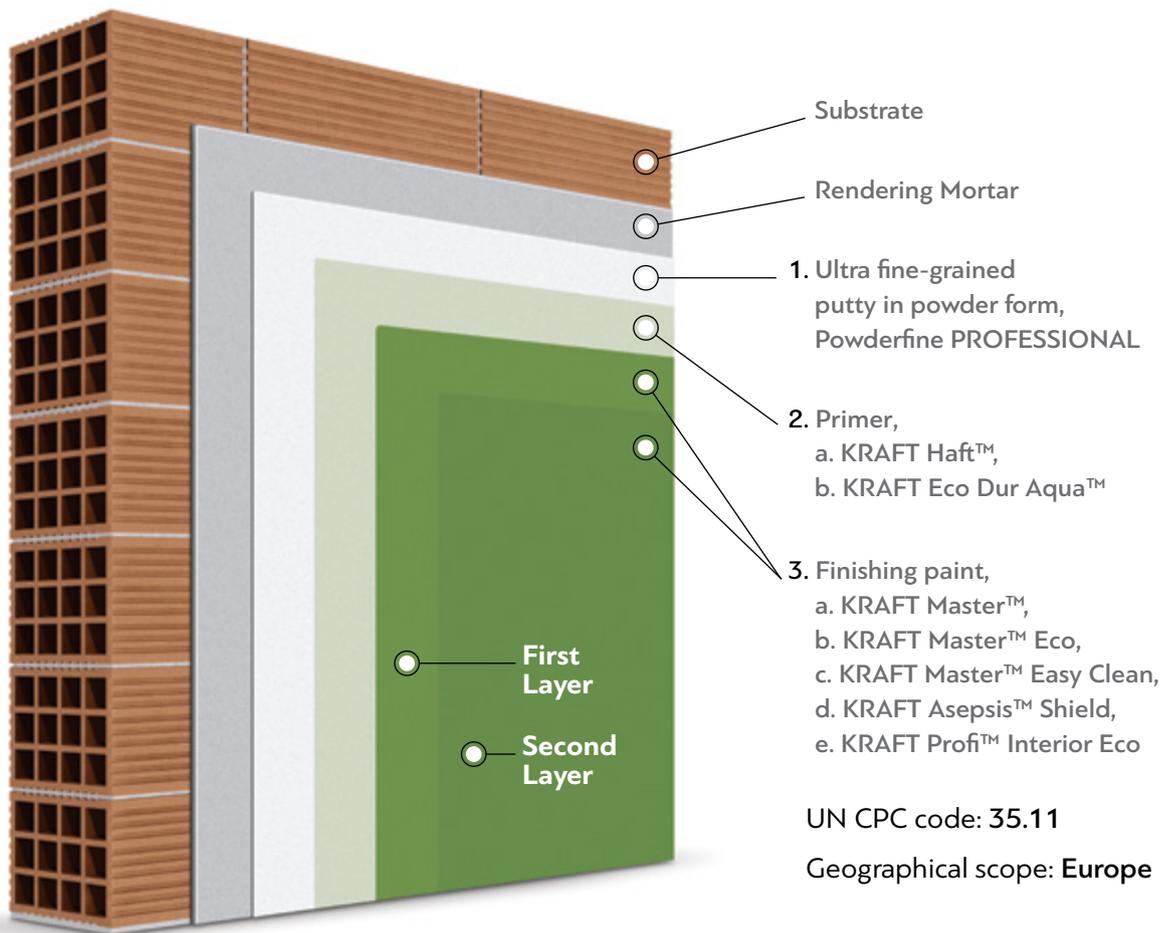
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**Loukas Angelis / R&D Manager**

[laggelis@druckfarbengroup.com](mailto:laggelis@druckfarbengroup.com)

## Specification of the products

The declared multiple products are emulsion wall paints used for indoor application as topcoats by DRUCKFARBEN HELLAS S.A. that are marketed under the brand KRAFT Paints.



**3a. KRAFT Master™:**

Emulsion paint of exceptional quality. Emulsion paint of high quality for interior walls, plasterboards, etc. It is certified with the finest European voluntary program Indoor Air Comfort™ GOLD as Best-In-Class product by Eurofins organization with extremely low VOCs emissions contributing to a healthier indoor air and a better quality of life. It contains fungicidal additives that protect its dry film against mold, and it is suitable for humid environments. It is easily cleaned and highly resistant to washing with detergents. Due to its very low gloss, it effectively covers imperfections creating an even matte finish.

The bright white and the thousands of its shades last for long, aesthetically upgrading any room. It is easy to apply with even leveling and mild odor.

This product group covers the following commercial references:

- ▶ KRAFT Master™ WHITE
- ▶ KRAFT Master™ BASE P
- ▶ KRAFT Master™ BASE T
- ▶ KRAFT Master™ BASE D
- ▶ KRAFT Master™ BASE A



<b>CE</b> 1020	<b>Druckfarben Hellas S.A.</b> Megaridos Ave., Kallistiri area, GR-19300 Aspropyrgos, Greece
<b>24</b> DoP No 04.24 <b>Master White</b> <b>EN 11504-2:2004</b> Coating (C) for surface protection of concrete structures according to principles 1 (PI), 2 (MC) and 8 (IR)	
Reaction to fire	E
Permeability to CO <sub>2</sub>	S <sub>0</sub> >50m
Permeability to water vapour	Class I
Capillary absorption and permeability to water	w < 0,1 kg / m <sup>2</sup> h <sup>0,5</sup>
Adhesion strength by pull-off test	≥ 1.0 N/mm <sup>2</sup>
Dangerous substances	See SDS

THE INTERNATIONAL EPD® SYSTEM

**TECHNICAL DATA**

Binder Type	PVA-VeoVA
Density ISO 2811 @ 25°C	1.33 - 1.49 g/mL*
Solids Content w/w ISO 3251	60% (±3)
Viscosity ASTM D 562-05 @ 25°C	110KU (±20)
Application Viscosity ASTM D 562-05 @ 25°C	80KU (±15)
Gloss Level @ 60° ISO 2813	<4 GU
Gloss Level @ 85° ISO 2813	<7 GU
pH	8.5 - 9.5
Whiteness Index ASTM E 313-98	86 (±2)**
Yellowness Index ASTM E 313-98	0,5 (±0.5)**
Wet Scrub Resistance ASTM 2486-06	3000-8000 cycles
Coverage per coat	12-14 m <sup>2</sup> /L***
Recommended dry film thickness (1-2 coats)	70µm (±5)

\* Depending on the shade

\*\* Only for White

\*\*\* Depending on the shade, the application method and the surface absorption

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### 3b. KRAFT Master™ Eco:

Ecological emulsion paint of high quality. Ecological emulsion paint of high quality for interior walls. It is user-and environment-friendly as it is certified by the Hellenic Council for EU Ecolabel and fulfills the criteria of the EU Ecolabel.

It is free of harmful chemicals and it is almost odorless. It is certified with the finest European voluntary program Indoor Air Comfort™ GOLD as Best-In-Class product by Eurofins organization with extremely low VOCs emissions contributing to a healthier indoor air and a better quality of life. It is easily cleaned and highly resistant to frequent washing with detergents. Due to its very low gloss, it effectively covers imperfections creating an even matt finish.

The bright white and the thousands of its shades last for long and resist to yellowing, aesthetically upgrading any room. It is easy to apply with even leveling.

This product group covers the following commercial references:

- ▶ KRAFT Master™ Eco WHITE
- ▶ KRAFT Master™ Eco BASE P
- ▶ KRAFT Master™ Eco BASE T
- ▶ KRAFT Master™ Eco BASE D
- ▶ KRAFT Master™ Eco BASE A



# EPD®

THE INTERNATIONAL EPD® SYSTEM



#### TECHNICAL DATA

Binder Type	Ac/PVA-VeoVA
Density ISO 2811 @ 25°C	1.3 - 1.50 g/mL*
Solids Content w/w ISO 3251	60% (±3)
Viscosity ASTM D 562-05 @ 25°C	110KU (±20)
Application Viscosity ASTM D 562-05 @ 25°C	85KU (±15)
Gloss Level @ 60° ISO 2813	<4 GU
Gloss Level @ 85° ISO 2813	<6 GU
pH	8.5 - 9.5
Whiteness Index ASTM E 313-98	87 (±1.5)**
Yellowness Index ASTM E 313-98	0,5 (±0.5)**
Wet Scrub Resistance EN ISO 11998:2006	Class 1 (W, P,T,D) Class 2 (A)
Coverage per coat	9-14 m <sup>2</sup> /L***
Recommended dry film thickness (1-2 coats)	70µm (±5)

\* Depending on the shade

\*\* Only for White

\*\*\* Depending on the shade, the application method and the surface absorption

### 3c. KRAFT Master™ Easy Clean:

Premium high resistance washable emulsion paint. Extremely durable interior wall paint. Thanks to its special formula with 3M™ Ceramic Microspheres technology, it is the ideal solution for painting walls that often get soiled and need durability against frequent cleaning and polishing, such as children's bedrooms, kindergartens, high traffic corridors, schools etc.

KRAFT Master™ Easy Clean is certified with the finest European voluntary program Indoor Air Comfort™ GOLD as Best-In-Class product by Eurofins organization with extremely low VOCs emissions contributing to a healthier indoor air and a better quality of life. Thanks to the Biomass Balance Technology (REDcert<sup>2</sup> certification) Master Easy Clean has also reduced the CO<sub>2</sub> emissions up to 235kg/ton of produced product, while it has also replaced up to 68% mineral raw materials with recyclable biomass. Available in a package of 46% recycled plastic.

KRAFT Master™ Easy Clean creates a special soft feel "eggshell" finish enhanced by the lighting and the architecture of the room, giving brilliant shades and a sense of purity, making it ideal for spaces of aesthetic appeal, living rooms. Also suitable for kids' furniture and toys (EN71-3). KRAFT Master™ Easy Clean is also the first certified Vegan paint in Greece.

This product group covers the following commercial references:

- ▶ KRAFT Master™ Easy Clean SEMI MAT WHITE
- ▶ KRAFT Master™ Easy Clean BASE P
- ▶ KRAFT Master™ Easy Clean BASE D
- ▶ KRAFT Master™ Easy Clean BASE A



# EPD<sup>®</sup>

THE INTERNATIONAL EPD<sup>®</sup> SYSTEM



#### TECHNICAL DATA

Binder Type	Acrylic copolymer
Density ISO 2811 @ 25°C	1.26 - 1.45 g/mL*
Solids Content w/w ISO 3251	57% (±3)
Viscosity ASTM D 562-05 @ 25°C	115KU (±15)
Application Viscosity ASTM D 562-05 @ 25°C	85KU (±15)
Gloss Level @ 60° ISO 2813	4 GU (±2)
Gloss Level @ 85° ISO 2813	10 GU (±3)
pH	8.5 - 9.5
Whiteness Index ASTM E 313-98	88.7 (±1.0)**
Yellowness Index ASTM E 313-98	0,3 (±0.5)**
Practical Washability ASTM D4828	Rate: 6
Wet Scrub Resistance EN ISO 11998:2006	Class 1
Burnish Resistance ASTM D 6736:2008	24.3% gloss increase
Coverage per coat	12 - 16 m <sup>2</sup> /L***
Recommended dry film thickness (1-2 coats)	70µm (±5)

\* Depending on the shade

\*\* Only for White

\*\*\* Depending on the shade, the application method and the surface absorption

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### 3d. KRAFT Asepsis™ Shield:

Premium antimicrobial velvet matt paint with high resistance to washing. Highly resistant velvet matt paint for interior walls, with great coverage and performance.

Thanks to its formula containing biocides and its enrichment with silver ions, assessed by the recognized microbiological testing service IMSL, it provides antimicrobial-antifungal protection against mold and microbes that harm its surface. It is resistant to frequent washing (Class 1 according to EN ISO 11998) with mild detergents and to disinfectant cleaners. Ideal for schools, nurseries, aseptic areas such as operating rooms, hospitals, and medical centers, as well as for hotels, humid areas such as food industries, and for overcrowded areas.

It is also certified with the finest European voluntary program Indoor Air Comfort™ GOLD as Best-In-Class product by Eurofins organization with extremely low VOCs emissions. Asepsis also reduces CO<sub>2</sub> emissions up to 202kg per ton of produced product, based on Biomass Balance Approach (REDcert<sup>2</sup> certification), since fossil based raw materials required for the manufacturing of this product are substituted up to 63% by sustainably certified biomass. It is also suitable for kids' toys and furniture (EN71-3).

This product group covers the following commercial references:

- ▶ KRAFT Asepsis™ WHITE
- ▶ KRAFT Asepsis™ BASE P



# EPD®

THE INTERNATIONAL EPD® SYSTEM



#### TECHNICAL DATA

Binder Type	S/Ac copolymer
Density ISO 2811 @ 25°C	1.39g/mL(±0.04)
Solids Content w/w ISO 3251	59.5% (±3)
Viscosity ASTM D 562-05 @ 25°C	115KU (±15)
Application Viscosity ASTM D 562-05 @ 25°C	80KU (±15)
Gloss Level @ 60° ISO 2813	7 GU (±2)
Gloss Level @ 85° ISO 2813	15 GU (±3)
pH	8.7 – 9.7
Whiteness Index ASTM E 313-98	87.0 (±1.5)
Yellowness Index ASTM E 313-98	0,5 (±0.5)
Resistance to Mold Growth	<1% mold growth after 12weeks**
Wet Scrub Resistance EN ISO 11998:2006	Class 1
Resistance to disinfectant liquids ISO2812-3	0(S0) blistering after 30 mins*
Coverage per coat	12-15 m <sup>2</sup> /L*
Recommended dry film thickness (1-2 coats)	40-80µm

\* Sodium Hypochlorite 0.1% solution

\*\* On various types of fungi

\*\*\* Depending on the shade, the application method and the surface absorptio

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**3e. KRAFT Profi™ Interior Eco:**

Ecological emulsion paint. It is friendly to the user and the environment, as it is certified by the Hellenic Council for EU Ecolabel Awards and fulfills the criteria of the EU Ecolabel.

It does not contain harmful chemicals and it is virtually odorless, making it ideal for inhabited interior areas. It covers effectively, providing at the same time durable high whiteness and thousand unique shades.

Due to its low gloss, it covers adequately the wall's imperfections and gives a smooth matt finish. It is easy to apply, with even leveling, it dries quickly and it is ideal for frequent painting and freshening up.

This product group covers the following commercial references:

- ▶ KRAFT Profi™ Interior Eco WHITE
- ▶ KRAFT Profi™ Interior Eco BASE P
- ▶ KRAFT Profi™ Interior Eco BASE D



THE INTERNATIONAL EPD® SYSTEM

**TECHNICAL DATA**

Density ISO 2811 @ 25°C	1.39-1.59 g/mL*
Solids Content w/w ISO 3251	62% (±3)
Viscosity ASTM D 562-05 @ 25°C	110KU (±15)
Application Viscosity ASTM D 562-05 @ 25°C	85KU (±15)
Gloss Level @ 60° ISO 2813	<4GU
Gloss Level @ 85° ISO 2813	<12GU
pH	8.5 - 9.5
Whiteness Index ASTM E 313-98	88.0 (±1.5)**
Yellowness Index ASTM E 313-98	0.5 (±0.5)**
Coverage per coat	12-14 m <sup>2</sup> /L***
Recommended dry film thickness (1-2 coats)	70µm(±10)

\* Depending on the shade

\*\* Only for White

\*\*\* Depending on the shade, the application method and the surface absorptio

## Application of the product

The interior wall emulsion paints of Kraft Paints are suitable for the decoration and protection of indoor spaces contributing to a healthier indoor environment.



**3a. KRAFT Master™****SURFACE PREPARATION:**

To ensure good adhesion, the surface must be dry, solid, and free of dust, grease, residues, blistered paint, etc. Avoid dust generation and exposure to it.

- On new surfaces: Before applying the topcoat, apply one coat of KRAFT ECO DUR AQUA.
- On surfaces that need repair: Use KRAFT SPACHTEL or KRAFT PUTTY or a suitable KRAFT repairing material.

Allow new surfaces of plaster or concrete to dry completely for at least 30 days before color application.

**APPLICATION INSTRUCTIONS:**

- The product is not suitable for painted surfaces.
- Minimize paint waste by estimating the quantity of paint you will need.
- Before start painting, thin the paint 50-80% v/v with tap water and stir well. For application on roofs, a thinning of 50% v/v is recommended.
- Stir well before and during application.
- You can apply with a brush, a roller or an airless spray gun.
- Apply one coat of KRAFT ECO DUR AQUA for an ideal result. Then apply two coats of the KRAFT topcoat.
- Minimum recoating time: 4-6 hours.
- Dry to touch: 1-3 hours at 25°C and 50% relative humidity. Drying time is subject to weather conditions.

- Do not apply at temperatures below 5°C or above 35°C and at a relative humidity 65% or higher.

**Composition of the product**

The declared product consists of the following components:

	kg/kg	%	
<b>PRODUCT</b>	Binders	0,2782	27%
	Fillers	0,2555	25%
	Solvents	0,0058	1%
	Additives	0,0763	7%
	TiO <sub>2</sub>	0,1824	18%
<b>PACKAGING</b>	Water	0,2019	20%
	Polypropylene (bucket)	0,032	3%
	Steel (handle)	0,004	0%
	Polyethylene (packaging foil)	negl.	
	Water	0,002	0%



THE INTERNATIONAL EPD® SYSTEM

### 3b. KRAFT Master™ Eco™

#### SURFACE PREPARATION:

To ensure good adhesion, the surface must be dry, solid, and free of dust, grease, residues, blistered paint, etc. Avoid dust generation and exposure to it.

- On new surfaces: Before applying the top-coat, apply one coat of a water-based primer, such as KRAFT ECO DUR AQUA, KRAFT DUR AQUA WHITE or KRAFT HAFT.
- On surfaces that need repair: Use KRAFT SPACHTEL or KRAFT PUTTY or the suitable KRAFT repairing material.
- On surfaces with stains: Use the insulating undercoat KRAFT ECO STAIN BLOCKER AQUA first.

#### APPLICATION INSTRUCTIONS:

- Before start painting, thin the paint 8-15% v/v with tap water and stir well.
- You can apply with a brush, a roller, or an airless spray gun.
- Minimize the paint waste calculating the quantity you are going to need beforehand.
- The product should be tinted only with the KRAFT INSPIRED COLOR tinting system on the recommended coloring base.
- For shade and finish consistency, it is advisable to use containers of the same batch number. In case of different batch numbers, it is recommended to have them mixed in a larger container.
- Do not apply at temperatures below 5°C or above 35°C and at a relative humidity 65% or higher.
- Apply two coats of KRAFT MASTER ECO for an ideal result.
- Minimum recoating time: 4-6 hours. For dark shades: 24 hours.

- Dry to touch: 1-2 hours at 25°C and 50% relative humidity. Drying time is subject to weather conditions.
- If a dark shade of low coverage or a shade with the relevant labeling from the KRAFT INSPIRED COLLECTION color fan deck is chosen, it is recommended to pre-apply KRAFT ECO STAIN BLOCKER AQUA tinted in a lighter shade of the same color family.
- Avoid patching after the completion of painting. A slight difference in absorbance or in the application method might cause color or gloss unevenness. If necessary, it is advisable to recoat the whole surface.

#### Composition of the product

The declared product consists of the following components:

	kg/kg	%
PRODUCT	Binders	0,2884 28%
	Fillers	0,2435 24%
	Solvents	0,0052 1%
	Additives	0,0594 6%
	TiO <sub>2</sub>	0,1914 19%
	Water	0,2123 21%
PACKAGING	Polypropylene (bucket)	0,032 3%
	Steel (handle)	0,004 0%
	Polyethylene (packaging foil)	negl.
	Water	0,002 0%

### 3c. KRAFT Master™ Easy Clean

#### SURFACE PREPARATION:

To ensure good adhesion, the surface must be smooth, dry, clean and free of dust, grease, residues, blistered paint, etc. Wet sanding is recommended for the surface preparation. Avoid dust generation and exposure to it.

- On new or plastered surfaces: These must be totally cured. Before applying the topcoat, apply one coat of the water-based primer KRAFT ECO DUR AQUA.
- On surfaces that need repair: Use KRAFT SPACHTEL or KRAFT PUTTY or a suitable KRAFT repairing material.
- On surfaces with stains: Use the undercoat KRAFT ECO STAIN BLOCKER AQUA first.
- On wooden surfaces: Before applying the topcoat, apply one coat of KRAFT VELA-TOURA AQUA.

#### APPLICATION INSTRUCTIONS:

- Before start painting, thin the paint 8-15% v/v with tap water and stir well.
- You can apply with a brush, a roller or an airless spray gun.
- For a perfect finish on new, plastered or smooth surfaces, a roller of 0,5 - 0,8 cm microfbers is recommended.
- The product should be tinted only with the KRAFT INSPIRED COLOR tinting system on the recommended coloring base.
- For shade and finish consistency, it is advisable to use containers of the same batch number. In case of different batch numbers, it is recommended to have them mixed in a larger container.

- Do not apply at temperatures below 5°C or above 35°C and at a relative humidity of 65% or higher.
- Apply 2 coats of KRAFT MASTER EASY CLEAN for an ideal result.
- Minimum recoating time: 24h.
- For extreme color changes or before applying dark shades, tint the primer KRAFT ECO STAIN BLOCKER AQUA first with a lighter shade of the same color family.

#### Composition of the product

The declared product consists of the following components:

	kg/kg	%
PRODUCT	Binders	0,3306 32%
	Fillers	0,1953 19%
	Solvents	0,0035 0%
	Additives	0,0723 7%
	TiO <sub>2</sub>	0,2098 20%
	Water	0,1886 18%
PACKAGING	Polypropylene (bucket)	0,033 3%
	Steel (handle)	0,004 0%
	Polyethylene (packaging foil)	negl.
	Water	0,002 0%

### 3d. KRAFT Asepsis<sup>™</sup> Shield

#### SURFACE PREPARATION:

To ensure good adhesion, the surface must be dry, solid and free of dust, grease, residues, blistered paint, etc. Avoid dust generation and exposure to it.

- On new surfaces: Before applying the topcoat, apply one coat of the water-based primer KRAFT ECO DUR AQUA or KRAFT HAFT.
- On surfaces that need repair: Use KRAFT SPACHTEL or KRAFT PUTTY or a suitable KRAFT repairing material.
- On painted surfaces, with stains and/or mold: First clean the surface with KRAFT MOLD BLOCKER and then use the insulating undercoat KRAFT ECO STAIN BLOCKER AQUA.

#### APPLICATION INSTRUCTIONS:

- Before start painting, thin the paint 8-12% v/v with tap water and stir well.
- You can apply with a brush, a roller, or an airless spray gun.
- Apply 2 coats of KRAFT ASEPSIS for an ideal result.
- The product should be tinted only with the KRAFT INSPIRED COLOR tinting system on the recommended coloring base.
- Minimum recoating time: 24h.
- Dry to touch: 1-2 hours at 25 °C and 50% relative humidity. Drying time is subject to weather conditions.
- Avoid patching after the completion of painting. A slight difference in absorbance or in the application method might cause color or gloss unevenness. If necessary, it is advisable to recoat the whole surface.

- Do not apply at temperatures below 10°C or above 35°C and at a relative humidity of 50% or higher.

#### Composition of the product

The declared product consists of the following components:

	kg/kg	%	
<b>PRODUCT</b>	Binders	0,3231	31%
	Fillers	0,1626	16%
	Solvents	0,0041	0%
	Additives	0,0874	8%
	TiO <sub>2</sub>	0,2394	23%
<b>PACKAGING</b>	Water	0,1833	18%
	Polypropylene (bucket)	0,032	3%
	Steel (handle)	0,004	0%
	Polyethylene (packaging foil)	negl.	
	Water	0,002	0%

### 3e. KRAFT Profi™ Interior Eco

#### SURFACE PREPARATION:

To ensure good adhesion, the surface must be dry, clean and free of dust, grease, residues, blistered paint etc. Avoid dust generation and exposure to it.

- On new surfaces: before applying the top-coat, apply one coat of a water-based primer such as KRAFT ECO DUR AQUA or KRAFT DUR AQUA WHITE or KRAFT HAFT.
- On surfaces that need repairing: use KRAFT SPACHTEL or KRAFT PUTTY or the suitable repairing material of KRAFT.
- On surfaces with stain problems: use first the insulating undercoat KRAFT ECO STAIN BLOCKER AQUA.

#### APPLICATION INSTRUCTIONS:

- Before you start painting, dilute the paint by adding 8-12% by volume tap water & stir well.
- Appropriate application tools for this product are brush, roller and airless spray gun.
- The product shall be tinted with KRAFT INSPIRED COLOR tinting system to thousands shades. To ensure product quality it is required to tint the corresponding base selected from the tinting system of KRAFT.
- Surface drying time: 1-2 hours at 25°C and 50% relative humidity (drying times are longer in wet/cold conditions).
- Minimum recoat time: 3-5 hours.
- For shade and finish consistency, it is advisable to use containers of the same batch number. In case of different batch number it is recommended that they be mixed in a large container.

- Apply two coats of KRAFT PROFI INTERIOR for the best result.
- In case of low opacity dark shades or with the appropriate labeling on the KRAFT INSPIRED COLLECTION color fandeck it is recommended to apply KRAFT ECO STAIN BLOCKER AQUA tinted in the same colour family.
- Avoid patching after finishing the painting. The difference of the substrate absorbance and application method might cause colour or gloss deviations. If it is necessary to repair apply the paint to the whole surface.
- Do not apply at temperatures below 5°C and above 35°C and above 65% relative humidity.

#### Composition of the product

The declared product consists of the following components:

	kg/kg	%
PRODUCT	Binders	0,0973 9%
	Fillers	0,4496 44%
	Solvents	0,0056 1%
	Additives	0,0744 7%
	TiO <sub>2</sub>	0,1013 10%
	Water	0,2719 26%
PACKAGING	Polypropylene (bucket)	0,028 3%
	Steel (handle)	0,003 0%
	Polyethylene (packaging foil)	negl.
	Water	0,002 0%

The buckets for the interior wall paints MASTER EASY CLEAN and ASEPSIS made from polypropylene contain 46% recycled content, certified by TÜV Austria.

The interior wall paints MASTER EASY CLEAN and ASEPSIS use raw materials complying the certification scheme REDcert2. The following products replace fossil-based raw materials with sustainably certified biomass according to the biomass balance approach (BMB):

MASTER EASY CLEAN SEMI MAT WHITE: replacing 54% of fossil-based raw materials.

MASTER EASY CLEAN SEMI MAT BASE A: replacing 68% of fossil-based raw materials.

MASTER EASY CLEAN SEMI MAT BASE D: replacing 66% of fossil-based raw materials.

MASTER EASY CLEAN SEMI MAT BASE P: replacing 63% of fossil-based raw materials.

ASEPSIS WHITE: replacing 54% of fossil-based raw materials.

ASEPSIS BASE P: replacing 63% of fossil-based raw materials.

“BMB” stands for biomass balance approach. In the biomass balance process, renewable raw materials such as bio-naphtha or biogas are processed together with fossil raw materials in the complex production network of basic chemical products. The organic share is then calculated according to certified method REDcert2 to specific sales products. BMB products have the same quality as non-BMB products because the formulation of the product is identical to that of the fossil equivalent



THE INTERNATIONAL EPD® SYSTEM

The biomass balance approach supports the use of renewable raw materials, which leads to a saving of fossil raw materials and a reduction of greenhouse gas emissions. For biomass used must be accompanied by proof of sustainability in the form of a certificate issued by a Renewable Energies Directive must be standard recognized under the Renewable Energy Directive.

In line with the requirements of EPD International, all inputs to the production of MASTER EASY CLEAN and ASEPSIS are calculated as using fossil-based inputs.

#### Content of substances of very high concern

The product does not contain any substances on the candidate list for substances of very high concern (SVHC) according to REACH (Annex XIV) (list accessed 22.9.2022).

## Production Stages

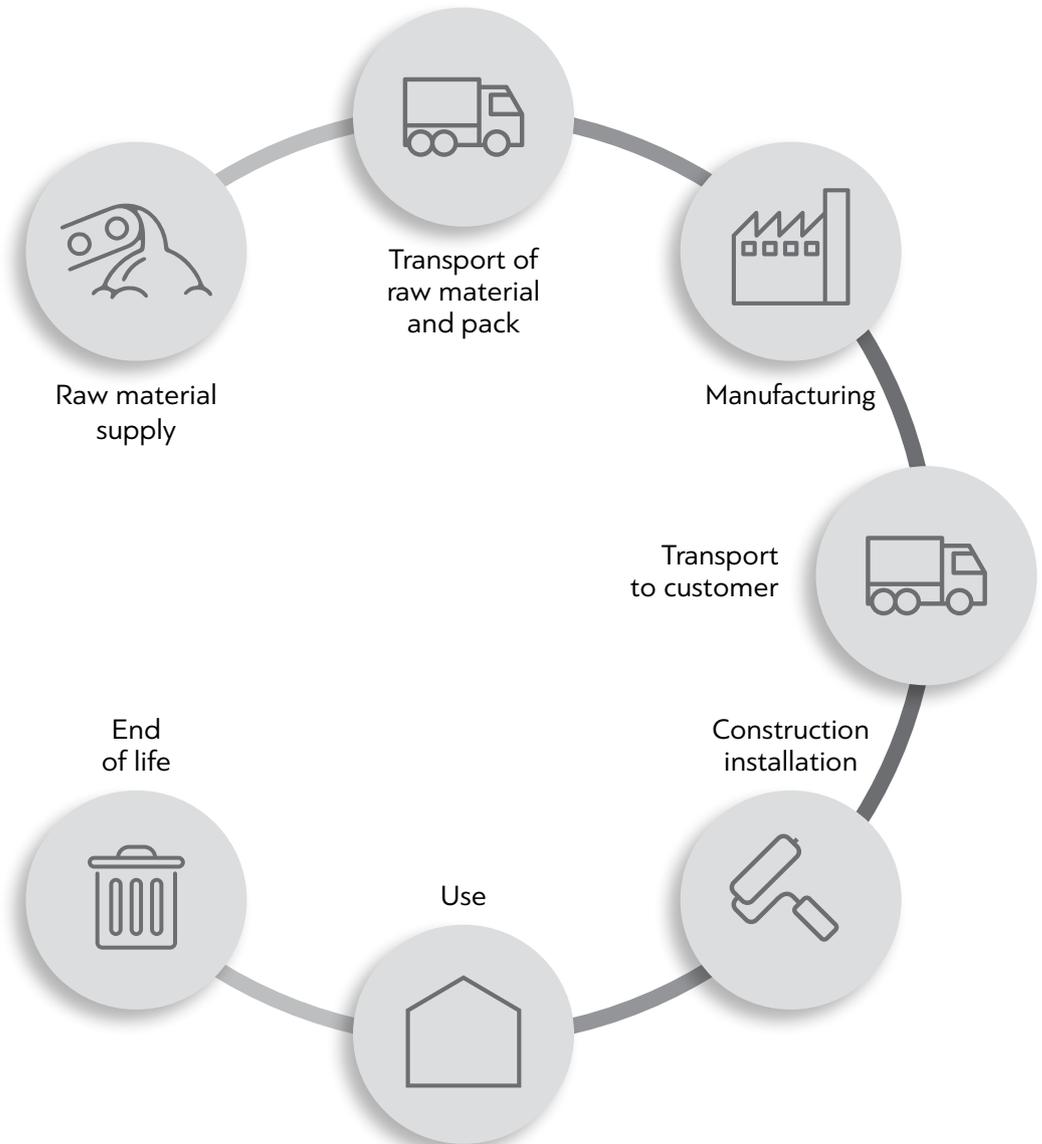
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1. Weighing water and other raw materials
2. Adding thickener
3. Mixing
4. Adding defoamer, dispersing agent, wetting agent, auxiliary materials and pH regulator
5. Mixing
6. Adding solids: pigments, additives and fillers
7. Dispersion
8. Adding water, emulsions, auxiliary materials, preservatives, thickeners and other materials included in the formula
9. Mixing

## LCA: Calculation rules

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**Declared unit:** The declared unit is 1m<sup>2</sup> and the declared values represent the average product of each product group, weighted based on the annual production volume in 2021.

**Type of EPD:** Cradle to gate with options, modules C1-C4, and module D (A1-A3, C, D, and additional modules A4 and A5).

## Scenarios and additional technical information

The product does not contain significant quantities of biogenic carbon. The carbon content of multi-use pallets used for transport packaging and paper bats is disregarded.

### Information describing the biogenic carbon content at the factory gate

Name	Value	Unit
Biogenic Carbon Content in product	0	kg C
Biogenic Carbon Content in accompanying packaging	0	kg C

The following technical information is a basis for the declared modules or can be used for developing specific scenarios in the context of a building assessment.

**Transport to the construction site (A4):** Module A4 contains the average transport scenario from the production site to the construction site. An average transport distance of 300 km is assumed.

Parameter	Parameter unit expressed per functional/declared unit
Fuel type and consumption of vehicle or vehicle type used for transport e.g. long distance truck, boat etc.	Used dataset: Transport, freight, lorry >32 metric ton, EURO5 {RER}  transport, freight, lorry >32 metric ton, EURO5   Cut-off, U
Distance	300 km
Capacity utilisation (including empty returns)	as in ecoinvent 3.7.1 database
Bulk density of transported products	KRAFT Master™: 0.0982 kg/m <sup>2</sup> (packaging: 0.0421 kg/m <sup>2</sup> ) KRAFT Master™ Eco: 0.114 kg/m <sup>2</sup> (packaging: 0.0425 kg/m <sup>2</sup> ) KRAFT Master™ Easy Clean: 0.0885 kg/m <sup>2</sup> (packaging: 0.0436 kg/m <sup>2</sup> ) KRAFT Asepsis™ Shield: 0.0933 kg/m <sup>2</sup> (packaging: 0.0427 kg/m <sup>2</sup> ) KRAFT Profi™ Interior Eco: 0.0335 kg/m <sup>2</sup> (packaging: 0.0378 kg/m <sup>2</sup> )
Volume capacity utilisation factor (factor: =1 or <1 or ≥ 1 for compressed or nested packaged products)	Not applicable

## Installation in the building (A5)

The products are delivered to the construction site. There, water is added to dilute the primer and paint to make it ready for use.

Manual application is assumed, eventual further inputs (e.g., electricity consumption for the mixing), are disregarded.

No losses of paint during application are taken into account.

During installation, some VOC are emitted; emission levels are based on data reported in the technical datasheet (density per litre, VOC emissions/l).

The packaging material (plastic buckets and their steel handles, PE-foil and wooden pallets) is assumed to be transported 50 km with a lorry 16-32 metric ton, EURO5 to a landfill.

For the multi-way pallets, a reuse rate of 20 times is taken into account in the disposal scenario.

Parameter	Parameter unit expressed per functional / declared unit
Ancillary materials for installation (specified by material);	Water is added (see below)
Water use	KRAFT Master™: 0,00982 l/m <sup>2</sup> KRAFT Master™ Eco: 0,0131 l/m <sup>2</sup> KRAFT Master™ Easy Clean: 0,0102 l/m <sup>2</sup> KRAFT Asepsis™ Shield: 0,0107 l/m <sup>2</sup> KRAFT Profi™ Interior Eco: 0,00335 l/m <sup>2</sup>
Other resource use	0 kg
Quantitative description of energy type (regional mix) and consumption during the installation process	0 kWh (manual installation)
Wastage of materials on the building site before waste processing, generated by the product's installation (specified by type)	kg

Parameter	Parameter unit expressed per functional / declared unit
<p>Output materials (specified by type) as result of waste processing at the building site e.g. of collection for recycling, for energy recovery, disposal (specified by route)</p>	<p>KRAFT Master™:  Polypropylene to landfill: 0,0486 kg/m<sup>2</sup>  Polyethylene to landfill: 0,00054 kg/m<sup>2</sup>  Wood to landfill: 0,000203 kg/m<sup>2</sup></p> <p>KRAFT Master™ Eco:  Polypropylene to landfill: 0,0571 kg/m<sup>2</sup>  Polyethylene to landfill: 0,000635 kg/m<sup>2</sup>  Wood to landfill: 0,000241 kg/m<sup>2</sup></p> <p>KRAFT Master™ Easy Clean:  Polypropylene to landfill: 0,0444 kg/m<sup>2</sup>  Polyethylene to landfill: 0,000493 kg/m<sup>2</sup>  Wood to landfill: 0,000193 kg/m<sup>2</sup></p> <p>KRAFT Asepsis™ Shield:  Polypropylene to landfill: 0,0468 kg/m<sup>2</sup>  Polyethylene to landfill: 0,00052 kg/m<sup>2</sup>  Wood to landfill: 0,000199 kg/m<sup>2</sup></p> <p>KRAFT Profi™ Interior Eco:  Polypropylene to landfill: 0,0216 kg/m<sup>2</sup>  Polyethylene to landfill: 0,000184 kg/m<sup>2</sup>  Wood to landfill: 0,0000712 kg/m<sup>2</sup></p>
<p>Direct emissions to ambient air, soil and water</p>	<p>KRAFT Master™:  VOC emissions during curing: 0.00054 kg/m<sup>2</sup></p> <p>KRAFT Master™ Eco:  VOC emissions during curing: 0.000635 kg/m<sup>2</sup></p> <p>KRAFT Master™ Easy Clean:  VOC emissions during curing: 0.0000987 kg/m<sup>2</sup></p> <p>KRAFT Asepsis™ Shield:  VOC emissions during curing: 0.000104 kg/m<sup>2</sup></p> <p>KRAFT Profi™ Interior Eco:  VOC emissions during curing: 0.000365 kg/m<sup>2</sup></p>

## End-of-life (C1 - C4)

Wall paints are not removed from the wall material during de-construction. Thus, no environmental impacts are declared in module C1.

A landfilling scenario is assumed for Greece, similar to a disposal scenario for bricks or concrete. A default distance of 50 km is assumed between the de-construction site and the landfill. The amount to be landfilled is calculated as the area weight as applied minus the amount of diluting water and minus the water contained in the undiluted paint.

Processes	Parameter unit expressed per functional / declared unit of components, products or materials (specified by type of material)
Collection process specified by type	KRAFT Master™: 0,0784 kg/m <sup>2</sup> collected separately KRAFT Master™ Eco: 0,0897 kg/m <sup>2</sup> collected separately KRAFT Master™ Easy Clean: 0,0718 kg/m <sup>2</sup> collected separately KRAFT Asepsis™ Shield: 0,0762 kg/m <sup>2</sup> collected separately KRAFT Profi™ Interior Eco: 0,0224 kg/m <sup>2</sup> collected separately <hr/> 0 kg/m <sup>2</sup> collected with mixed construction waste
Recovery system specified by type	0 kg for re-use <hr/> 0 kg for recycling <hr/> 0 kg for energy recovery
Disposal specified by type	KRAFT Master™: 0,0784 kg/m <sup>2</sup> going to landfill KRAFT Master™ Eco: 0,0897 kg/m <sup>2</sup> going to landfill KRAFT Master™ Easy Clean: 0,0718 kg/m <sup>2</sup> going to landfill KRAFT Asepsis™ Shield: 0,0762 kg/m <sup>2</sup> going to landfill KRAFT Profi™ Interior Eco: 0,0224 kg/m <sup>2</sup> going to landfill
Assumptions for scenario development, (e.g. transportation)	see above

## Reuse, recovery and recycling potential (D)

Not relevant for the declared product

### Results for Interior wall paints (except KRAFT Profi™ Interior Eco)

#### DESCRIPTION OF THE SYSTEM BOUNDARY

(X = INCLUDED IN LCA; ND = MODULE OR INDICATOR NOT DECLARED)

	PRODUCT STAGE			CONSTRUCTION PROCESS STAGE		USE STAGE							END OF LIFE STAGE			BENEFITS AND LOADS BEYOND THE SYSTEM BOUNDARIES	
	Raw material supply	Transport	Manufacturing	Transport from the gate to the site	Assembly	Use	Maintenance	Repair	Replacement	Refurbishment	Operational energy use	Operational water use	De-construction demolition	Transport	Waste processing		Disposal
Module	A1	A2	A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Modules declared	X	X	X	X	X	ND	ND	ND	ND	ND	ND	ND	X	X	X	X	X
Geography	GR			South-East Europe									South-East Europe			-	
Specific data used	> 90%			0%	90%	-	-	-	-	-	-	-	-	-	-	-	-
Variation products	< 10% <sup>1)</sup>			-	-	-	-	-	-	-	-	-	-	-	-	-	-
Variation sites	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-

<sup>1)</sup> determined per product group in a preliminary screening

## Results for KRAFT Profi™ Interior Eco

### DESCRIPTION OF THE SYSTEM BOUNDARY

(X = INCLUDED IN LCA; ND = MODULE OR INDICATOR NOT DECLARED)

	PRODUCT STAGE			CONSTRUCTION PROCESS STAGE		USE STAGE							END OF LIFE STAGE				BENEFITS AND LOADS BEYOND THE SYSTEM BOUNDARIES
	Raw material supply	Transport	Manufacturing	Transport from the gate to the site	Assembly	Use	Maintenance	Repair	Replacement	Refurbishment	Operational energy use	Operational water use	De-construction demolition	Transport	Waste processing	Disposal	Reuse- Recovery - Recycling - potential
Module	A1	A2	A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Modules declared	X	X	X	X	X	ND	ND	ND	ND	ND	ND	ND	X	X	X	X	X
Geography	GR			South-East Europe									South-East Europe				-
Specific data used	> 90%		0%	> 90%	-	-	-	-	-	-	-	-	-	-	-	-	-
Variation products	< 10% (estimate) <sup>1)</sup>		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Variation sites	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

<sup>1)</sup> not determined. Differences in composition of the products of this product group are minor.

## RESULTS OF THE LCA - ENVIRONMENTAL IMPACTS

### according to EN 15804+A2: 1m<sup>2</sup> of KRAFT Master™

Core Indicator	Unit	A1-A3	A4	A5	C1	C2	C3	C4	D
GWP total	kg CO <sub>2</sub> eq	3.27E-01	3.72E-03	6.82E-03	0	6.51E-04	0	4.13E-04	0
GWP fossil	kg CO <sub>2</sub> eq	3.26E-01	3.72E-03	6.53E-03	0	6.51E-04	0	4.13E-04	0
GWP biogenic	kg CO <sub>2</sub> eq	-2.83E-04	0.00E+00	2.83E-04	0	0.00E+00	0	0.00E+00	0
GWP luluc	kg CO <sub>2</sub> eq	1.46E-03	1.34E-06	2.88E-07	0	2.56E-07	0	3.90E-07	0
GWP-GHG	kg CO <sub>2</sub> eq.	3.27E-01	3.72E-03	6.53E-03	0	6.51E-04	0	4.13E-04	0
ODP	kg CFC11 eq	4.53E-08	8.87E-10	2.49E-10	0	1.51E-10	0	1.67E-10	0
AP	mol H <sup>+</sup> eq	3.07E-03	1.55E-05	5.35E-06	0	2.64E-06	0	3.88E-06	0
EP freshwater	kg P eq	1.33E-05	2.54E-08	7.31E-09	0	4.56E-09	0	4.32E-09	0
EP-marine	kg N eq	2.92E-04	4.68E-06	2.90E-06	0	7.88E-07	0	1.34E-06	0
EP terrestrial	mol N eq	2.93E-03	5.17E-05	2.04E-05	0	8.70E-06	0	1.48E-05	0
POCP	kg NMVOC eq	1.22E-03	1.66E-05	5.47E-04	0	2.66E-06	0	4.30E-06	0
ADPE	kg Sb eq	2.56E-06	8.52E-09	2.88E-09	0	2.26E-09	0	9.41E-10	0
ADPF	MJ	7.56E+00	5.79E-02	1.75E-02	0	9.84E-03	0	1.15E-02	0
WDP	m <sup>3</sup> depriv.	2.82E-01	1.99E-04	1.40E-03	0	2.95E-05	0	5.19E-04	0
Caption	GWP = Global warming potential; ODP = Depletion potential of the stratospheric ozone layer; AP = Acidification potential of land and water; EP = Eutrophication potential; POCP = Formation potential of tropospheric ozone photochemical oxidants; ADPE = Abiotic depletion potential for non- fossil resources; ADPF = Abiotic depletion potential for fossil resources; WDP = Water (user) deprivation potential								

## RESULTS OF THE LCA - ENVIRONMENTAL IMPACTS

### according to EN 15804+A2: 1m<sup>2</sup> of KRAFT Master™ Eco

Core Indicator	Unit	A1-A3	A4	A5	C1	C2	C3	C4	D
GWP total	kg CO <sub>2</sub> eq	3.75E-01	4.14E-03	8.01E-03	0	7.46E-04	0	4.73E-04	0
GWP fossil	kg CO <sub>2</sub> eq	3.74E-01	4.14E-03	7.68E-03	0	7.46E-04	0	4.72E-04	0
GWP biogenic	kg CO <sub>2</sub> eq	-3.31E-04	0.00E+00	3.31E-04	0	0.00E+00	0	0.00E+00	0
GWP luluc	kg CO <sub>2</sub> eq	1.59E-03	1.49E-06	3.38E-07	0	2.93E-07	0	4.46E-07	0
GWP-GHG	kg CO <sub>2</sub> eq.	3.76E-01	4.14E-03	7.68E-03	0	7.46E-04	0	4.73E-04	0
ODP	kg CFC11 eq	4.78E-08	9.88E-10	2.92E-10	0	1.73E-10	0	1.91E-10	0
AP	mol H <sup>+</sup> eq	3.62E-03	1.73E-05	6.27E-06	0	3.03E-06	0	4.44E-06	0
EP freshwater	kg P eq	1.51E-05	2.83E-08	8.62E-09	0	5.23E-09	0	4.95E-09	0
EP-marine	kg N eq	3.32E-04	5.22E-06	3.41E-06	0	9.02E-07	0	1.54E-06	0
EP terrestrial	mol N eq	3.35E-03	5.76E-05	2.39E-05	0	9.96E-06	0	1.69E-05	0
POCP	kg NMVOC eq	1.39E-03	1.85E-05	6.44E-04	0	3.05E-06	0	4.92E-06	0
ADPE	kg Sb eq	2.95E-06	9.49E-09	3.37E-09	0	2.59E-09	0	1.08E-09	0
ADPF	MJ	8.60E+00	6.45E-02	2.05E-02	0	1.13E-02	0	1.32E-02	0
WDP	m <sup>3</sup> depriv.	3.28E-01	2.22E-04	1.76E-03	0	3.38E-05	0	5.94E-04	0

Caption

GWP = Global warming potential; ODP = Depletion potential of the stratospheric ozone layer; AP = Acidification potential of land and water; EP = Eutrophication potential; POCP = Formation potential of tropospheric ozone photochemical oxidants; ADPE = Abiotic depletion potential for non- fossil resources; ADPF = Abiotic depletion potential for fossil resources; WDP = Water (user) deprivation potential

## RESULTS OF THE LCA - ENVIRONMENTAL IMPACTS

### according to EN 15804+A2: 1m<sup>2</sup> of KRAFT Master™ Easy Clean

Core Indicator	Unit	A1-A3	A4	A5	C1	C2	C3	C4	D
GWP total	kg CO <sub>2</sub> eq	3.75E-01	3.47E-03	6.23E-03	0	5.97E-04	0	3.78E-04	0
GWP fossil	kg CO <sub>2</sub> eq	3.75E-01	3.47E-03	5.96E-03	0	5.97E-04	0	3.78E-04	0
GWP biogenic	kg CO <sub>2</sub> eq	-2.65E-04	0.00E+00	2.65E-04	0	0.00E+00	0	0.00E+00	0
GWP luluc	kg CO <sub>2</sub> eq	1.12E-03	1.25E-06	2.62E-07	0	2.34E-07	0	3.57E-07	0
GWP-GHG	kg CO <sub>2</sub> eq.	3.76E-01	3.47E-03	5.96E-03	0	5.97E-04	0	3.78E-04	0
ODP	kg CFC11 eq	6.43E-08	8.30E-10	2.27E-10	0	1.38E-10	0	1.53E-10	0
AP	mol H <sup>+</sup> eq	3.22E-03	1.45E-05	4.86E-06	0	2.42E-06	0	3.56E-06	0
EP freshwater	kg P eq	1.25E-05	2.38E-08	6.64E-09	0	4.18E-09	0	3.96E-09	0
EP-marine	kg N eq	3.16E-04	4.38E-06	2.65E-06	0	7.22E-07	0	1.23E-06	0
EP terrestrial	mol N eq	3.14E-03	4.83E-05	1.86E-05	0	7.97E-06	0	1.35E-05	0
POCP	kg NMVOC eq	1.25E-03	1.56E-05	1.05E-04	0	2.44E-06	0	3.94E-06	0
ADPE	kg Sb eq	1.90E-06	7.97E-09	2.62E-09	0	2.07E-09	0	8.62E-10	0
ADPF	MJ	7.94E+00	5.41E-02	1.59E-02	0	9.02E-03	0	1.06E-02	0
WDP	m <sup>3</sup> depriv.	2.89E-01	1.86E-04	1.28E-03	0	2.70E-05	0	4.75E-04	0
Caption	GWP = Global warming potential; ODP = Depletion potential of the stratospheric ozone layer; AP = Acidification potential of land and water; EP = Eutrophication potential; POCP = Formation potential of tropospheric ozone photochemical oxidants; ADPE = Abiotic depletion potential for non- fossil resources; ADPF = Abiotic depletion potential for fossil resources; WDP = Water (user) deprivation potential								

## RESULTS OF THE LCA - ENVIRONMENTAL IMPACTS

### according to EN 15804+A2: 1m<sup>2</sup> of KRAFT Asepsis™ Shield

Core Indicator	Unit	A1-A3	A4	A5	C1	C2	C3	C4	D
GWP total	kg CO <sub>2</sub> eq	4.06E-01	3.58E-03	6.56E-03	0	6.33E-04	0	4.02E-04	0
GWP fossil	kg CO <sub>2</sub> eq	4.06E-01	3.58E-03	6.29E-03	0	6.33E-04	0	4.01E-04	0
GWP biogenic	kg CO <sub>2</sub> eq	-2.72E-04	0.00E+00	2.72E-04	0	0.00E+00	0	0.00E+00	0
GWP luluc	kg CO <sub>2</sub> eq	1.20E-03	1.29E-06	2.75E-07	0	2.49E-07	0	3.79E-07	0
GWP-GHG	kg CO <sub>2</sub> eq.	4.07E-01	3.58E-03	6.29E-03	0	6.33E-04	0	4.02E-04	0
ODP	kg CFC11 eq	8.80E-08	8.55E-10	2.39E-10	0	1.46E-10	0	1.62E-10	0
AP	mol H <sup>+</sup> eq	3.77E-03	1.49E-05	5.13E-06	0	2.57E-06	0	3.77E-06	0
EP freshwater	kg P eq	1.41E-05	2.45E-08	6.99E-09	0	4.44E-09	0	4.20E-09	0
EP-marine	kg N eq	3.47E-04	4.52E-06	2.79E-06	0	7.66E-07	0	1.30E-06	0
EP terrestrial	mol N eq	3.41E-03	4.99E-05	1.96E-05	0	8.46E-06	0	1.44E-05	0
POCP	kg NMVOC eq	1.37E-03	1.60E-05	1.11E-04	0	2.59E-06	0	4.18E-06	0
ADPE	kg Sb eq	2.26E-06	8.21E-09	2.76E-09	0	2.20E-09	0	9.15E-10	0
ADPF	MJ	8.52E+00	5.58E-02	1.68E-02	0	9.57E-03	0	1.12E-02	0
WDP	m <sup>3</sup> depriv.	3.26E-01	1.92E-04	1.33E-03	0	2.87E-05	0	5.04E-04	0

Caption

GWP = Global warming potential; ODP = Depletion potential of the stratospheric ozone layer; AP = Acidification potential of land and water; EP = Eutrophication potential; POCP = Formation potential of tropospheric ozone photochemical oxidants; ADPE = Abiotic depletion potential for non- fossil resources; ADPF = Abiotic depletion potential for fossil resources; WDP = Water (user) deprivation potential

## RESULTS OF THE LCA - ENVIRONMENTAL IMPACTS

### according to EN 15804+A2: 1m<sup>2</sup> of KRAFT Profi<sup>™</sup> Interior Eco

Core Indicator	Unit	A1-A3	A4	A5	C1	C2	C3	C4	D
GWP total	kg CO <sub>2</sub> eq	9.62E-02	1.85E-03	2.99E-03	0	2.03E-04	0	1.29E-04	0
GWP fossil	kg CO <sub>2</sub> eq	9.62E-02	1.85E-03	2.89E-03	0	2.03E-04	0	1.28E-04	0
GWP biogenic	kg CO <sub>2</sub> eq	-9.89E-05	0.00E+00	9.89E-05	0	0.00E+00	0	0.00E+00	0
GWP luluc	kg CO <sub>2</sub> eq	9.01E-05	6.65E-07	1.27E-07	0	7.96E-08	0	1.21E-07	0
GWP-GHG	kg CO <sub>2</sub> eq.	9.63E-02	1.85E-03	2.89E-03	0	2.03E-04	0	1.29E-04	0
ODP	kg CFC11 eq	1.12E-08	4.42E-10	1.10E-10	0	4.69E-11	0	5.20E-11	0
AP	mol H <sup>+</sup> eq	7.17E-04	7.72E-06	2.37E-06	0	8.23E-07	0	1.21E-06	0
EP freshwater	kg P eq	3.77E-06	1.26E-08	3.21E-09	0	1.42E-09	0	1.35E-09	0
EP-marine	kg N eq	7.68E-05	2.33E-06	1.29E-06	0	2.45E-07	0	4.18E-07	0
EP terrestrial	mol N eq	8.03E-04	2.57E-05	9.04E-06	0	2.71E-06	0	4.60E-06	0
POCP	kg NMVOC eq	3.27E-04	8.28E-06	3.68E-04	0	8.30E-07	0	1.34E-06	0
ADPE	kg Sb eq	6.82E-07	4.24E-09	1.28E-09	0	7.05E-10	0	2.93E-10	0
ADPF	MJ	2.42E+00	2.88E-02	7.74E-03	0	3.07E-03	0	3.59E-03	0
WDP	m <sup>3</sup> depriv.	7.18E-02	9.92E-05	5.85E-04	0	9.18E-06	0	1.62E-04	0
Caption	GWP = Global warming potential; ODP = Depletion potential of the stratospheric ozone layer; AP = Acidification potential of land and water; EP = Eutrophication potential; POCP = Formation potential of tropospheric ozone photochemical oxidants; ADPE = Abiotic depletion potential for non- fossil resources; ADPF = Abiotic depletion potential for fossil resources; WDP = Water (user) deprivation potential								

**RESULTS OF THE LCA - INDICATORS TO DESCRIBE  
RESOURCE USE according to EN 15804+A2:  
1m<sup>2</sup> of KRAFT Master™**

Indicator	Unit	A1-A3	A4	A5	C1	C2	C3	C4	D
PERE	MJ (Hu)	4.04E-01	6.79E-04	5.37E-04	0	1.25E-04	0	8.82E-05	0
PERM	MJ (Hu)	2.83E-03	0	0	0	0	0	0	0
PERT	MJ (Hu)	4.07E-01	6.79E-04	5.37E-04	0	1.25E-04	0	8.82E-05	0
PENRE	MJ (Hu)	5.21E+00	5.42E-02	1.59E-02	0	9.02E-03	0	1.06E-02	0
PENRM	MJ (Hu)	2.75E+00	0	0	0	0	0	0	0
PENRT	MJ (Hu)	7.96E+00	5.42E-02	1.59E-02	0	9.02E-03	0	1.06E-02	0
SM	kg	1.22E-03	0	0	0	0	0	0	0
RSF	MJ (Hu)	0	0	0	0	0	0	0	0
NRSF	MJ (Hu)	0	0	0	0	0	0	0	0
FW	m <sup>3</sup>	6.23E-03	5.67E-06	2.85E-06	0	9.45E-07	0	7.63E-07	0

Caption

PERE = Use of renewable primary energy excluding renewable primary energy resources used as raw materials; PERM = Use of renewable primary energy resources used as raw materials; PERT = Total use of renewable primary energy resources; PENRE = Use of non-renewable primary energy excluding non-renewable primary energy resources used as raw materials; PENRM = Use of non-renewable primary energy resources used as raw materials; PENRT = Total use of non-renewable primary energy resources; SM = Use of secondary material; RSF = Use of renewable secondary fuels; NRSF = Use of non-renewable secondary fuels; FW = Use of net fresh water

**RESULTS OF THE LCA - INDICATORS TO DESCRIBE  
RESOURCE USE according to EN 15804+A2:  
1m<sup>2</sup> of KRAFT Master<sup>™</sup> Eco**

Indicator	Unit	A1-A3	A4	A5	C1	C2	C3	C4	D
PERE	MJ (Hu)	4.94E-01	8.09E-04	6.93E-04	0	1.56E-04	0	1.10E-04	0
PERM	MJ (Hu)	3.53E-03	0	0	0	0	0	0	0
PERT	MJ (Hu)	4.97E-01	8.09E-04	6.93E-04	0	1.56E-04	0	1.10E-04	0
PENRE	MJ (Hu)	5.24E+00	6.45E-02	2.05E-02	0	1.13E-02	0	1.32E-02	0
PENRM	MJ (Hu)	3.38E+00	0	0	0	0	0	0	0
PENRT	MJ (Hu)	8.62E+00	6.45E-02	2.05E-02	0	1.13E-02	0	1.32E-02	0
SM	kg	1.57E-03	0	0	0	0	0	0	0
RSF	MJ (Hu)	0	0	0	0	0	0	0	0
NRSF	MJ (Hu)	0	0	0	0	0	0	0	0
FW	m <sup>3</sup>	7.03E-03	6.76E-06	3.69E-06	0	1.18E-06	0	9.53E-07	0

Caption PERE = Use of renewable primary energy excluding renewable primary energy resources used as raw materials; PERM = Use of renewable primary energy resources used as raw materials; PERT = Total use of renewable primary energy resources; PENRE = Use of non-renewable primary energy excluding non-renewable primary energy resources used as raw materials; PENRM = Use of non-renewable primary energy resources used as raw materials; PENRT = Total use of non-renewable primary energy resources; SM = Use of secondary material; RSF = Use of renewable secondary fuels; NRSF = Use of non-renewable secondary fuels; FW = Use of net fresh water

**RESULTS OF THE LCA - INDICATORS TO DESCRIBE  
RESOURCE USE according to EN 15804+A2:  
1m<sup>2</sup> of KRAFT Master<sup>™</sup> Easy Clean**

Indicator	Unit	A1-A3	A4	A5	C1	C2	C3	C4	D
PERE	MJ (Hu)	4.04E-01	6.79E-04	5.37E-04	0	1.25E-04	0	8.82E-05	0
PERM	MJ (Hu)	2.83E-03	0	0	0	0	0	0	0
PERT	MJ (Hu)	4.07E-01	6.79E-04	5.37E-04	0	1.25E-04	0	8.82E-05	0
PENRE	MJ (Hu)	5.21E+00	5.42E-02	1.59E-02	0	9.02E-03	0	1.06E-02	0
PENRM	MJ (Hu)	2.75E+00	0	0	0	0	0	0	0
PENRT	MJ (Hu)	7.96E+00	5.42E-02	1.59E-02	0	9.02E-03	0	1.06E-02	0
SM	kg	1.22E-03	0	0	0	0	0	0	0
RSF	MJ (Hu)	0	0	0	0	0	0	0	0
NRSF	MJ (Hu)	0	0	0	0	0	0	0	0
FW	m <sup>3</sup>	6.23E-03	5.67E-06	2.85E-06	0	9.45E-07	0	7.63E-07	0

Caption PERE = Use of renewable primary energy excluding renewable primary energy resources used as raw materials; PERM = Use of renewable primary energy resources used as raw materials; PERT = Total use of renewable primary energy resources; PENRE = Use of non-renewable primary energy excluding non-renewable primary energy resources used as raw materials; PENRM = Use of non-renewable primary energy resources used as raw materials; PENRT = Total use of non-renewable primary energy resources; SM = Use of secondary material; RSF = Use of renewable secondary fuels; NRSF = Use of non-renewable secondary fuels; FW = Use of net fresh water

**RESULTS OF THE LCA - INDICATORS TO DESCRIBE  
RESOURCE USE according to EN 15804+A2:  
1m<sup>2</sup> of KRAFT Asepsis<sup>™</sup> Shield**

Indicator	Unit	A1-A3	A4	A5	C1	C2	C3	C4	D
PERE	MJ (Hu)	4.51E-01	7.00E-04	5.66E-04	0	1.33E-04	0	9.36E-05	0
PERM	MJ (Hu)	2.91E-03	0	0	0	0	0	0	0
PERT	MJ (Hu)	4.54E-01	7.00E-04	5.66E-04	0	1.33E-04	0	9.36E-05	0
PENRE	MJ (Hu)	5.63E+00	5.59E-02	1.68E-02	0	9.57E-03	0	1.12E-02	0
PENRM	MJ (Hu)	2.91E+00	0	0	0	0	0	0	0
PENRT	MJ (Hu)	8.54E+00	5.59E-02	1.68E-02	0	9.57E-03	0	1.12E-02	0
SM	kg	1.28E-03	0	0	0	0	0	0	0
RSF	MJ (Hu)	0	0	0	0	0	0	0	0
NRSF	MJ (Hu)	0	0	0	0	0	0	0	0
FW	m <sup>3</sup>	7.04E-03	5.85E-06	3.00E-06	0	1.00E-06	0	8.09E-07	0

Caption PERE = Use of renewable primary energy excluding renewable primary energy resources used as raw materials; PERM = Use of renewable primary energy resources used as raw materials; PERT = Total use of renewable primary energy resources; PENRE = Use of non-renewable primary energy excluding non-renewable primary energy resources used as raw materials; PENRM = Use of non-renewable primary energy resources used as raw materials; PENRT = Total use of non-renewable primary energy resources; SM = Use of secondary material; RSF = Use of renewable secondary fuels; NRSF = Use of non-renewable secondary fuels; FW = Use of net fresh water

**RESULTS OF THE LCA - INDICATORS TO DESCRIBE  
RESOURCE USE according to EN 15804+A2:  
1m<sup>2</sup> of KRAFT Profi™ Interior Eco**

Indicator	Unit	A1-A3	A4	A5	C1	C2	C3	C4	D
PERE	MJ (Hu)	1.24E-01	3.61E-04	2.61E-04	0	4.25E-05	0	3.00E-05	0
PERM	MJ (Hu)	1.06E-03	0	0	0	0	0	0	0
PERT	MJ (Hu)	1.25E-01	3.61E-04	2.61E-04	0	4.25E-05	0	3.00E-05	0
PENRE	MJ (Hu)	1.41E+00	2.88E-02	7.74E-03	0	3.07E-03	0	3.59E-03	0
PENRM	MJ (Hu)	1.02E+00	0	0	0	0	0	0	0
PENRT	MJ (Hu)	2.43E+00	2.88E-02	7.74E-03	0	3.07E-03	0	3.59E-03	0
SM	kg	6.00E-04	0	0	0	0	0	0	0
RSF	MJ (Hu)	0	0	0	0	0	0	0	0
NRSF	MJ (Hu)	0	0	0	0	0	0	0	0
FW	m <sup>3</sup>	2.19E-03	6.67E-06	8.88E-06	0	7.16E-07	0	7.28E-07	0

Caption

PERE = Use of renewable primary energy excluding renewable primary energy resources used as raw materials; PERM = Use of renewable primary energy resources used as raw materials; PERT = Total use of renewable primary energy resources; PENRE = Use of non-renewable primary energy excluding non-renewable primary energy resources used as raw materials; PENRM = Use of non-renewable primary energy resources used as raw materials; PENRT = Total use of non-renewable primary energy resources; SM = Use of secondary material; RSF = Use of renewable secondary fuels; NRSF = Use of non-renewable secondary fuels; FW = Use of net fresh water

**RESULTS OF THE LCA - WASTE CATEGORIES  
AND OUTPUT FLOWS according to EN 15804+A2:  
KRAFT Master™**

Indicator	Unit	A1-A3	A4	A5	C1	C2	C3	C4	D
HWD	kg	6.78E-06	1.40E-07	3.00E-08	0	2.57E-08	0	1.74E-08	0
NHWD	kg	1.45E-01	5.44E-03	4.97E-02	0	5.09E-04	0	7.83E-02	0
RWD	kg	3.65E-05	8.40E-07	2.45E-07	0	1.43E-07	0	1.62E-07	0
CRU	kg	0	0	0	0	0	0	0	0
MFR	kg	0	0	0	0	0	0	0	0
MER	kg	0	0	0	0	0	0	0	0
EEE	MJ	0	0	0	0	0	0	0	0
EET	MJ	0	0	0	0	0	0	0	0
Caption	HWD = Hazardous waste disposed; NHWD = Non-hazardous waste disposed; RWD = Radioactive waste disposed; CRU = Components for re-use; MFR = Materials for recycling; MER = Materials for energy recovery; EEE = Exported electrical energy; EEE = Exported thermal energy								

**RESULTS OF THE LCA - WASTE CATEGORIES  
AND OUTPUT FLOWS according to EN 15804+A2:  
KRAFT Master<sup>™</sup> Eco**

Indicator	Unit	A1-A3	A4	A5	C1	C2	C3	C4	D
HWD	kg	7.71E-06	1.56E-07	3.51E-08	0	2.94E-08	0	2.00E-08	0
NHWD	kg	1.70E-01	6.05E-03	5.85E-02	0	5.83E-04	0	8.97E-02	0
RWD	kg	4.11E-05	9.35E-07	2.86E-07	0	1.63E-07	0	1.86E-07	0
CRU	kg	0	0	0	0	0	0	0	0
MFR	kg	0	0	0	0	0	0	0	0
MER	kg	0	0	0	0	0	0	0	0
EEE	MJ	0	0	0	0	0	0	0	0
EET	MJ	0	0	0	0	0	0	0	0
Caption	HWD = Hazardous waste disposed; NHWD = Non-hazardous waste disposed; RWD = Radioactive waste disposed; CRU = Components for re-use; MFR = Materials for recycling; MER = Materials for energy recovery; EEE = Exported electrical energy; EEE = Exported thermal energy								

**RESULTS OF THE LCA - WASTE CATEGORIES  
AND OUTPUT FLOWS according to EN 15804+A2:  
KRAFT Master<sup>™</sup> Easy Clean**

Indicator	Unit	A1-A3	A4	A5	C1	C2	C3	C4	D
HWD	kg	6.04E-06	1.31E-07	2.72E-08	0	2.36E-08	0	1.60E-08	0
NHWD	kg	1.51E-01	5.08E-03	4.54E-02	0	4.67E-04	0	7.18E-02	0
RWD	kg	3.05E-05	7.85E-07	2.22E-07	0	1.31E-07	0	1.49E-07	0
CRU	kg	0	0	0	0	0	0	0	0
MFR	kg	0	0	0	0	0	0	0	0
MER	kg	0	0	0	0	0	0	0	0
EEE	MJ	0	0	0	0	0	0	0	0
EET	MJ	0	0	0	0	0	0	0	0
Caption	HWD = Hazardous waste disposed; NHWD = Non-hazardous waste disposed; RWD = Radioactive waste disposed; CRU = Components for re-use; MFR = Materials for recycling; MER = Materials for energy recovery; EEE = Exported electrical energy; EEE = Exported thermal energy								

**RESULTS OF THE LCA - WASTE CATEGORIES  
AND OUTPUT FLOWS according to EN 15804+A2:  
KRAFT Asepsis™ Shield**

Indicator	Unit	A1-A3	A4	A5	C1	C2	C3	C4	D
HWD	kg	7.14E-06	1.35E-07	2.87E-08	0	2.50E-08	0	1.69E-08	0
NHWD	kg	1.71E-01	5.24E-03	4.79E-02	0	4.95E-04	0	7.62E-02	0
RWD	kg	3.35E-05	8.10E-07	2.34E-07	0	1.39E-07	0	1.58E-07	0
CRU	kg	0	0	0	0	0	0	0	0
MFR	kg	0	0	0	0	0	0	0	0
MER	kg	0	0	0	0	0	0	0	0
EEE	MJ	0	0	0	0	0	0	0	0
EET	MJ	0	0	0	0	0	0	0	0
Caption	HWD = Hazardous waste disposed; NHWD = Non-hazardous waste disposed; RWD = Radioactive waste disposed; CRU = Components for re-use; MFR = Materials for recycling; MER = Materials for energy recovery; EEE = Exported electrical energy; EEE = Exported thermal energy								

**RESULTS OF THE LCA - WASTE CATEGORIES  
AND OUTPUT FLOWS according to EN 15804+A2:  
KRAFT Profi™ Interior Eco**

Indicator	Unit	A1-A3	A4	A5	C1	C2	C3	C4	D
HWD	kg	2.06E-06	6.97E-08	1.33E-08	0	8.01E-09	0	5.43E-09	0
NHWD	kg	3.27E-02	2.70E-03	2.20E-02	0	1.59E-04	0	2.44E-02	0
RWD	kg	9.67E-06	4.18E-07	1.08E-07	0	4.44E-08	0	5.06E-08	0
CRU	kg	0	0	0	0	0	0	0	0
MFR	kg	0	0	0	0	0	0	0	0
MER	kg	0	0	0	0	0	0	0	0
EEE	MJ	0	0	0	0	0	0	0	0
EET	MJ	0	0	0	0	0	0	0	0
Caption	HWD = Hazardous waste disposed; NHWD = Non-hazardous waste disposed; RWD = Radioactive waste disposed; CRU = Components for re-use; MFR = Materials for recycling; MER = Materials for energy recovery; EEE = Exported electrical energy; EEE = Exported thermal energy								

**RESULTS OF THE LCA - additional impact  
categories according to EN 15804+A2-optional:  
1m<sup>2</sup> of KRAFT Master™**

Indicator	Unit	A1-A3	A4	A5	C1	C2	C3	C4	D
PM	Disease incidences	1.84E-08	4.36E-10	1.16E-10	0	5.60E-11	0	7.81E-11	0
IR	kBq U-235 eq	1.75E-02	2.51E-04	7.92E-05	0	4.27E-05	0	4.71E-05	0
ETP-fw	CTUe	5.95E+00	4.52E-02	1.89E-02	0	7.68E-03	0	7.28E-03	0
HTP-c	CTUh	5.02E-10	1.25E-12	5.21E-13	0	2.49E-13	0	1.85E-13	0
HTP-nc	CTUh	5.90E-09	4.95E-11	4.45E-11	0	8.06E-12	0	4.79E-12	0
SQP	-	2.00E+00	6.63E-02	3.31E-02	0	6.76E-03	0	2.42E-02	0
Caption	PM = Potential incidence of disease due to PM emissions; IR = Potential Human exposure efficiency relative to U235; ETP-fw = Potential comparative Toxic Unit for ecosystems; HTP-c = Potential comparative Toxic Unit for humans (cancerogenic); HTP-nc = Potential comparative Toxic Unit for humans (not cancerogenic); SQP = Potential soil quality index								

**RESULTS OF THE LCA - additional impact  
categories according to EN 15804+A2-optional:  
1m<sup>2</sup> of KRAFT Master™ Eco**

Indicator	Unit	A1-A3	A4	A5	C1	C2	C3	C4	D
PM	Disease incidences	2.13E-08	4.86E-10	1.36E-10	0	6.42E-11	0	8.94E-11	0
IR	kBq U-235 eq	1.99E-02	2.80E-04	9.28E-05	0	4.89E-05	0	5.40E-05	0
ETP-fw	CTUe	6.82E+00	5.04E-02	2.22E-02	0	8.80E-03	0	8.33E-03	0
HTP-c	CTUh	5.95E-10	1.39E-12	6.14E-13	0	2.85E-13	0	2.11E-13	0
HTP-nc	CTUh	6.71E-09	5.51E-11	5.23E-11	0	9.22E-12	0	5.48E-12	0
SQP	-	2.30E+00	7.38E-02	3.89E-02	0	7.74E-03	0	2.77E-02	0
Caption	PM = Potential incidence of disease due to PM emissions; IR = Potential Human exposure efficiency relative to U235; ETP-fw = Potential comparative Toxic Unit for ecosystems; HTP-c = Potential comparative Toxic Unit for humans (cancerogenic); HTP-nc = Potential comparative Toxic Unit for humans (not cancerogenic); SQP = Potential soil quality index								

**RESULTS OF THE LCA - additional impact categories according to EN 15804+A2-optional: 1m<sup>2</sup> of KRAFT Master™ Easy Clean**

Indicator	Unit	A1-A3	A4	A5	C1	C2	C3	C4	D
PM	Disease incidences	2.16E-08	4.08E-10	1.05E-10	0	5.13E-11	0	7.15E-11	0
IR	kBq U-235 eq	1.44E-02	2.35E-04	7.21E-05	0	3.92E-05	0	4.32E-05	0
ETP-fw	CTUe	6.13E+00	4.23E-02	1.38E-02	0	7.04E-03	0	6.67E-03	0
HTP-c	CTUh	5.03E-10	1.17E-12	4.74E-13	0	2.28E-13	0	1.69E-13	0
HTP-nc	CTUh	5.43E-09	4.63E-11	1.61E-11	0	7.38E-12	0	4.39E-12	0
SQP	-	1.91E+00	6.19E-02	3.02E-02	0	6.20E-03	0	2.22E-02	0
Caption	PM = Potential incidence of disease due to PM emissions; IR = Potential Human exposure efficiency relative to U235; ETP-fw = Potential comparative Toxic Unit for ecosystems; HTP-c = Potential comparative Toxic Unit for humans (cancerogenic); HTP-nc = Potential comparative Toxic Unit for humans (not cancerogenic); SQP = Potential soil quality index								

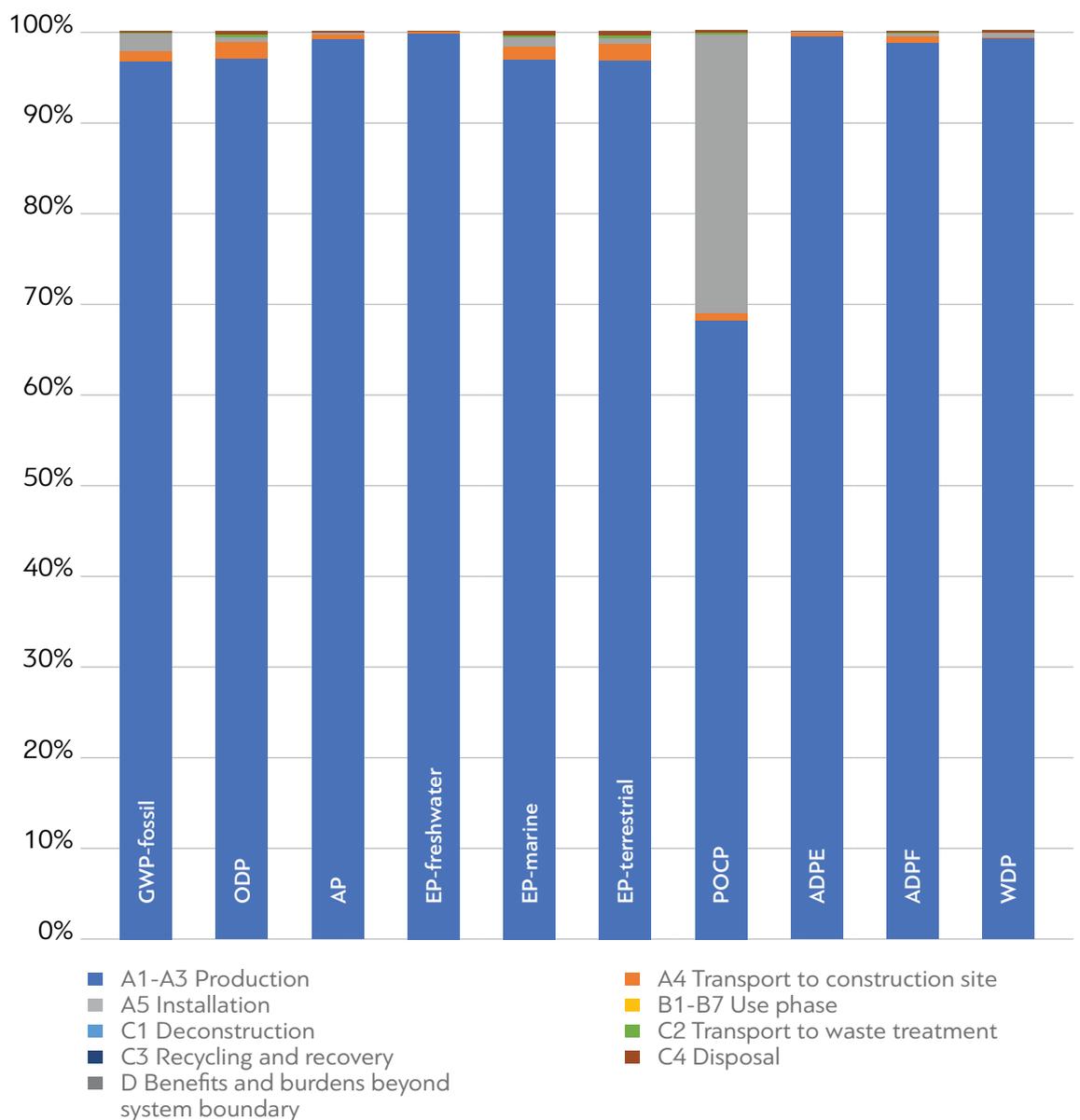
**RESULTS OF THE LCA - additional impact  
categories according to EN 15804+A2-optional:  
1m<sup>2</sup> of KRAFT Asepsis™ Shield**

Indicator	Unit	A1-A3	A4	A5	C1	C2	C3	C4	D
PM	Disease incidences	2.41E-08	4.21E-10	1.11E-10	0	5.45E-11	0	7.59E-11	0
IR	kBq U-235 eq	1.60E-02	2.42E-04	7.59E-05	0	4.15E-05	0	4.58E-05	0
ETP-fw	CTUe	7.06E+00	4.36E-02	1.46E-02	0	7.47E-03	0	7.08E-03	0
HTP-c	CTUh	5.80E-10	1.21E-12	4.99E-13	0	2.42E-13	0	1.80E-13	0
HTP-nc	CTUh	6.29E-09	4.77E-11	1.69E-11	0	7.83E-12	0	4.65E-12	0
SQP	-	2.13E+00	6.39E-02	3.18E-02	0	6.58E-03	0	2.35E-02	0
Caption	PM = Potential incidence of disease due to PM emissions; IR = Potential Human exposure efficiency relative to U235; ETP-fw = Potential comparative Toxic Unit for ecosystems; HTP-c = Potential comparative Toxic Unit for humans (cancerogenic); HTP-nc = Potential comparative Toxic Unit for humans (not cancerogenic); SQP = Potential soil quality index								

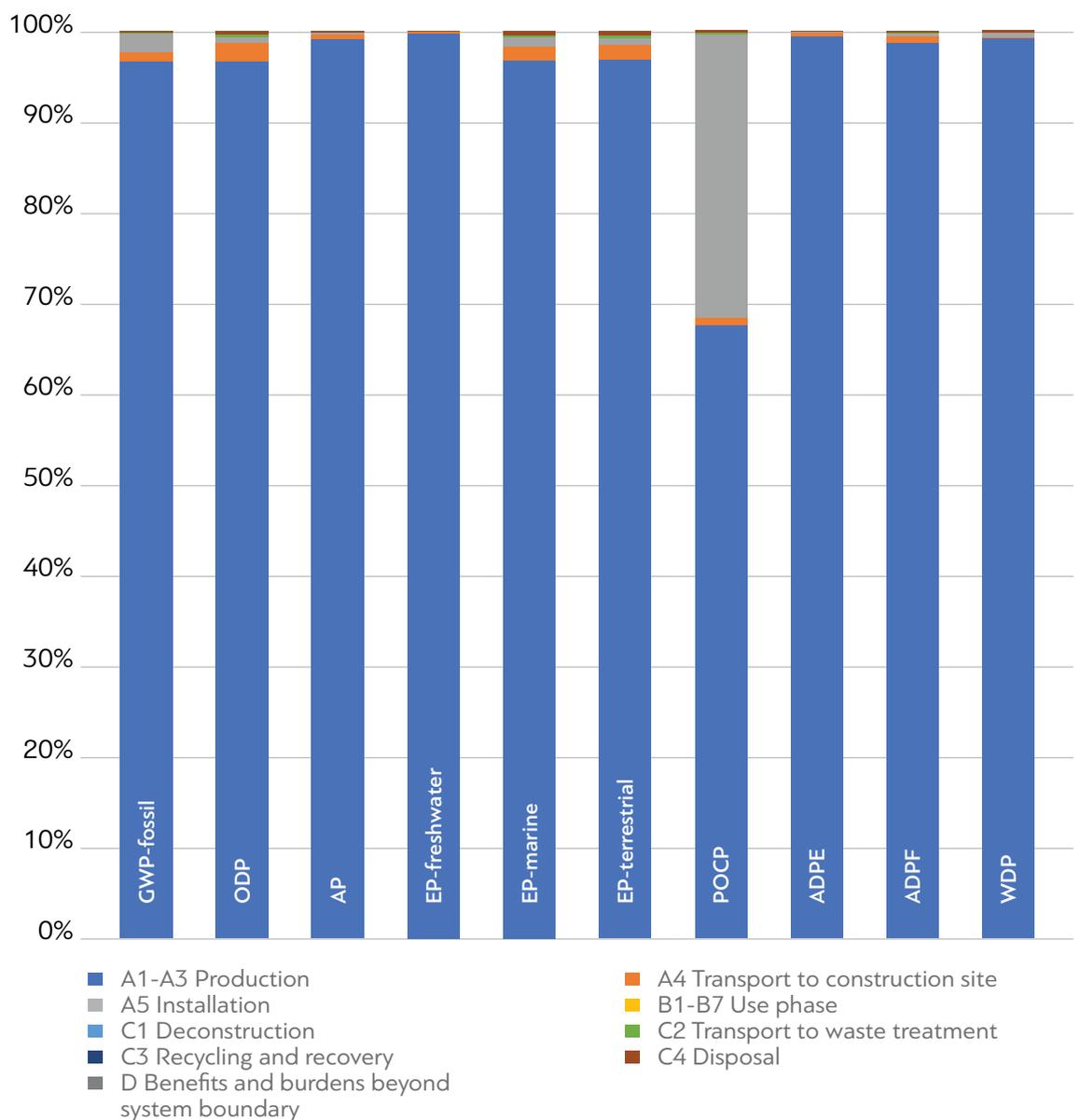
**RESULTS OF THE LCA - additional impact  
categories according to EN 15804+A2-optional:  
1m<sup>2</sup> of KRAFT Profi™ Interior Eco**

Indicator	Unit	A1-A3	A4	A5	C1	C2	C3	C4	D
PM	Disease incidences	4.82E-09	2.17E-10	5.12E-11	0	1.74E-11	0	2.43E-11	0
IR	kBq U-235 eq	5.02E-03	1.25E-04	3.51E-05	0	1.33E-05	0	1.47E-05	0
ETP-fw	CTUe	1.44E+00	2.25E-02	9.45E-03	0	2.39E-03	0	2.27E-03	0
HTP-c	CTUh	1.27E-10	6.23E-13	2.30E-13	0	7.75E-14	0	5.75E-14	0
HTP-nc	CTUh	1.42E-09	2.46E-11	2.75E-11	0	2.51E-12	0	1.49E-12	0
SQP	-	4.99E-01	3.30E-02	1.47E-02	0	2.11E-03	0	7.53E-03	0
Caption	PM = Potential incidence of disease due to PM emissions; IR = Potential Human exposure efficiency relative to U235; ETP-fw = Potential comparative Toxic Unit for ecosystems; HTP-c = Potential comparative Toxic Unit for humans (cancerogenic); HTP-nc = Potential comparative Toxic Unit for humans (not cancerogenic); SQP = Potential soil quality index								

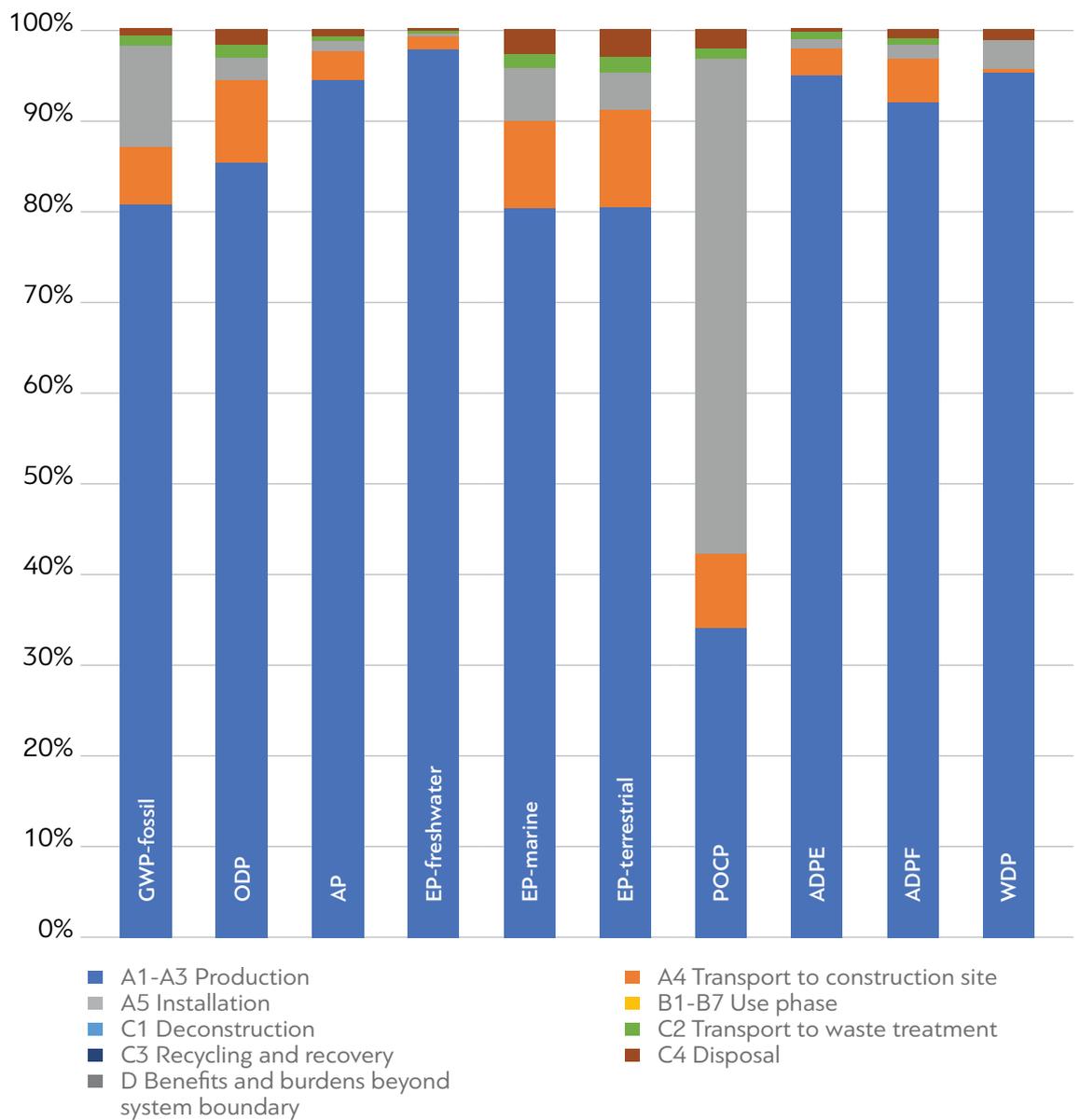
Relative contributions to the life cycle impacts of: KRAFT Master™



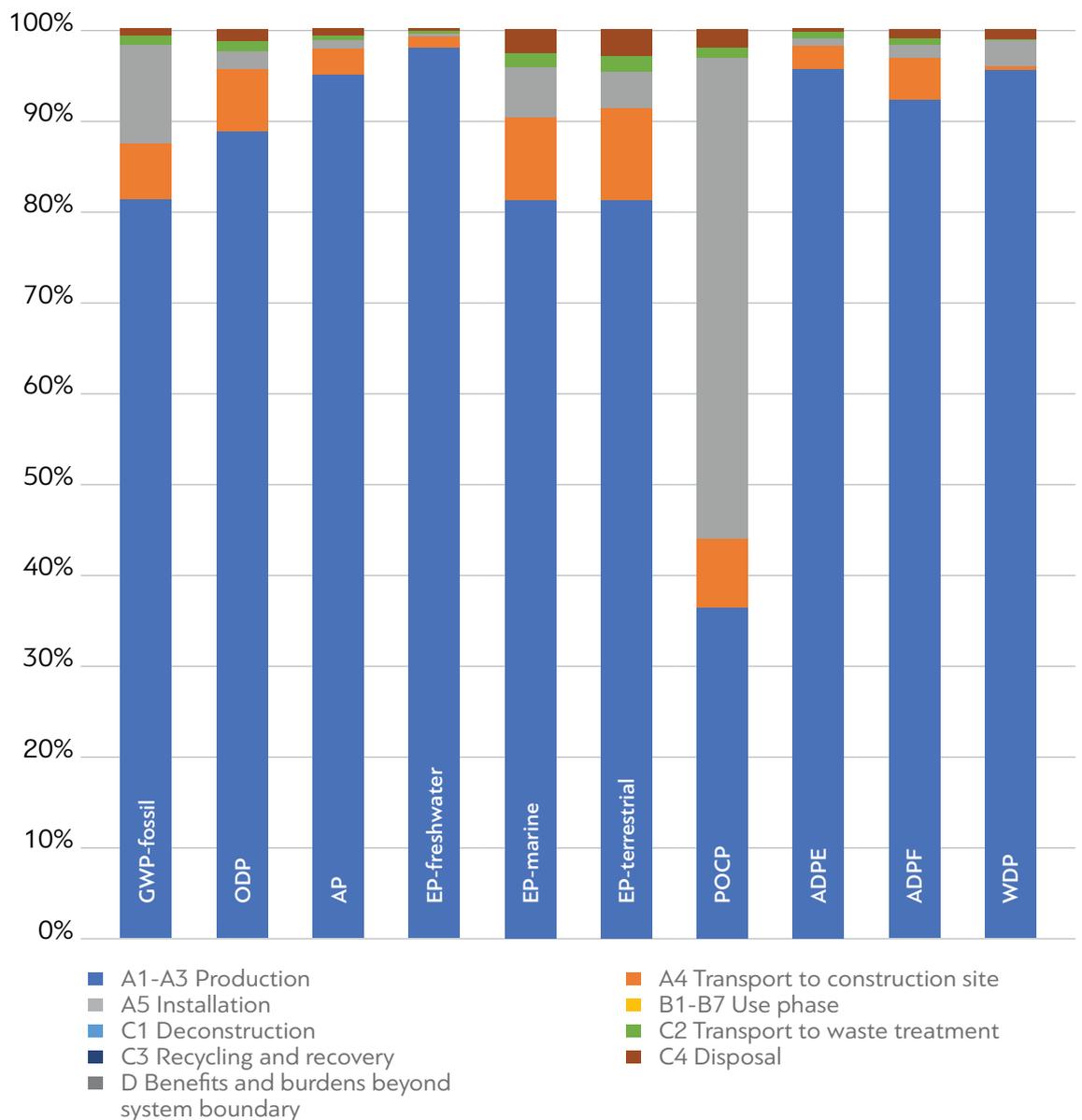
Relative contributions to the life cycle impacts of: KRAFT Master™ Eco



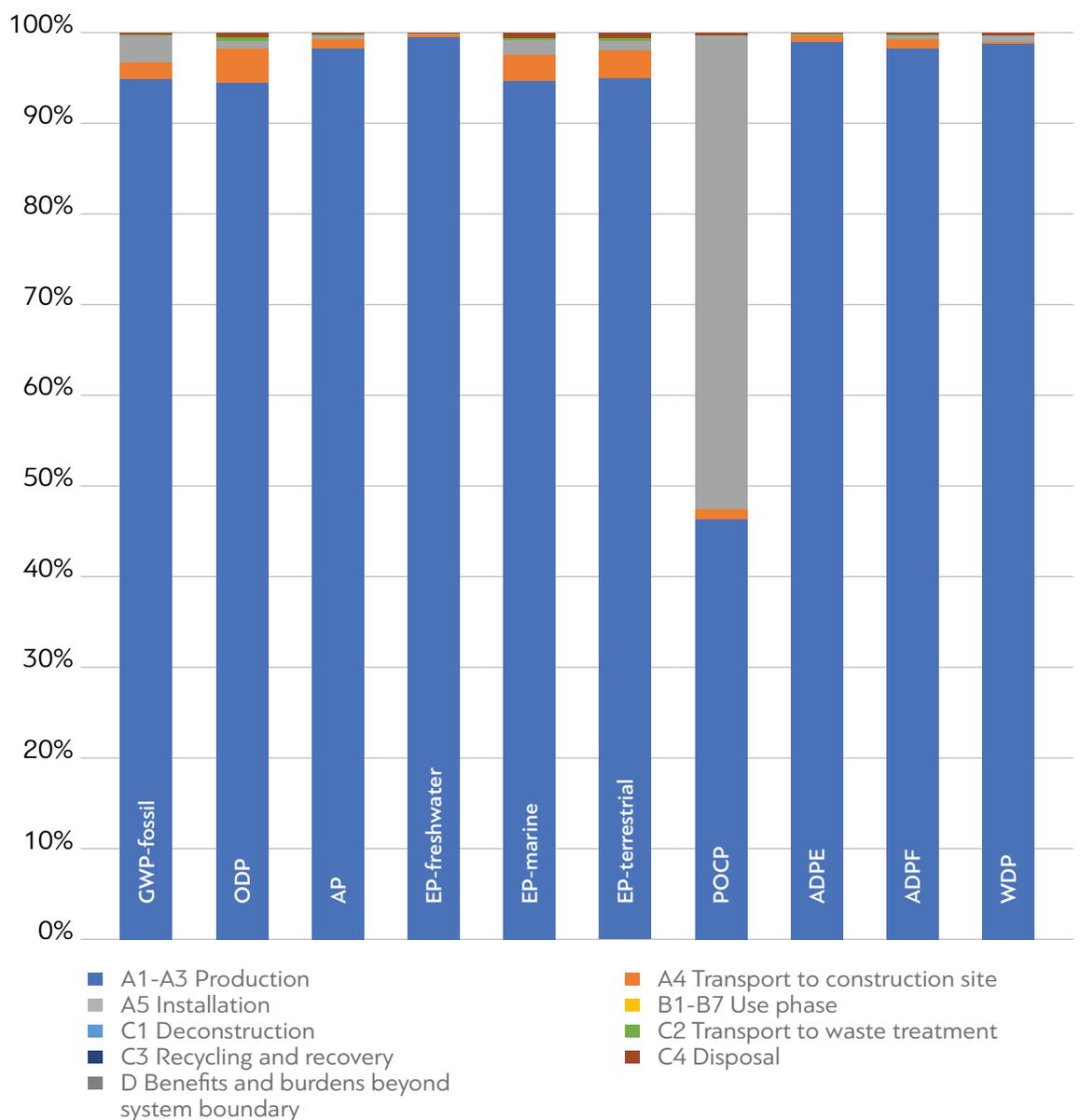
Relative contributions to the life cycle impacts of: KRAFT Master™ Easy Clean



Relative contributions to the life cycle impacts of: KRAFT Asepsis™ Shield



Relative contributions to the life cycle impacts of: KRAFT Profi™ Interior Eco



**Disclaimer 1: for the indicator IR**

This impact category deals mainly with the eventual impact of low dose ionizing radiation on human health of the nuclear fuel cycle. It does not consider effects due to possible nuclear accidents, occupational exposure nor due to radioactive waste disposal in underground facilities. Potential ionizing radiation from the soil, from radon and from some construction materials is also not measured by this indicator.

**Disclaimer 2: for the indicators ADPE, ADPF, WDP, ETP-fw, HTP-c, HTP-nc, SQP**

The results of this environmental impact indicator shall be used with care as the uncertainties on these results are high or as there is limited experienced with the indicator.

**Revision details: Addition of GWP-GHG indicators and new product certificates**

References

**EN 15804: 2012+A2: 2019:** Sustainability of construction works - Environmental product declarations - Core rules for the product category of construction products.

**ISO 14025: 2006:** Environmental labels and declarations - Type III environmental declarations - Principles and procedures.

**ISO 15686-(several parts):** Buildings and constructed assets - Service life planning.

**ISO 14020:2000:** Environmental labels and declarations - General principles.

**ISO 14040:2006:** Environmental management - Life cycle assessment - Principles and framework.

**ISO 14044:2006:** Environmental management - Life cycle assessment - Requirements and guidelines.

**Waste Framework Directive:** COUNCIL REGULATION (EU) No 333/2011 of 31 March 2011 establishing criteria determining when certain types of scrap metal cease to be waste under Directive 2008/98/EC of the European Parliament and of the Council.

**ECHA:** The Candidate List of substances of very high concern, available via <https://echa.europa.eu/nl/-/four-newsubstances-added-to-the-candidate-list>.

**EPD International:** PCR 2019:14 Construction products version 1.11, dated 2021-02-25, [www.environdec.com](http://www.environdec.com)

**EPD International:** General Programme Instructions of the International EPD® System. Version 3.01, dated 2019-09-18. [www.environdec.com](http://www.environdec.com)

**Weidema et al. (2013):** Weidema, B., C. Bauer, R. Hischier, C. Mutel, T. Nemecek, J. Reinhard, C.O. Vadenbo, G. Wernet (2013): Overview and methodology, Data quality guideline for the ecoinvent database version 3. ecoinvent report no. 1 (v3), St. Gallen, Schweiz.



THE INTERNATIONAL EPD® SYSTEM



DRIVEN BY INNOVATION

# ENVIRONMENTAL PRODUCT DECLARATION

According to ISO 14025 and EN 15804+A2

Owner of the Declaration	DRUCKFARBEN HELLAS S.A.
Programme operator	EPD International AB, Box 210 60, SE-100 31 Stockholm, Sweden. Website: <a href="http://www.environdec.com">www.environdec.com</a>
Publisher	EPD International AB, Box 210 60, SE-100 31 Stockholm, Sweden. Website: <a href="http://www.environdec.com">www.environdec.com</a>
Registration number	S-P-07623
Issue date	18.01.2023
Valid to	17.01.2028

Third-party verifier:



Business Quality Verification P.C.



**DRUCKFARBEN HELLAS S.A.**

Megaridos Avenue, Kallistiri Area, 19300, Aspropyrgos, Attica, Greece, Tel.: +30 210 55 19 500

[www.druckfarbengroup.com](http://www.druckfarbengroup.com)