Environmental Product Declaration

In accordance with ISO 14025:2006, ISO 21930:2017 and EN 15804:2012+A2:2019/AC:2021 for:

S Screen™, S Screen Naturals™

from

Mermet USA

Programme:	The International EPD® System, www.environdec.com
Programme operator:	EPD International AB; EPD is registered through aligned regional hub: EPD North America (www.epdna.com)
EPD registration number:	S-P-07157
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An EPD should provide current information and may be updated if conditions change. The stated validity is therefore subject to the continued registration and publication at www.environdec.com

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
E-mail:	info@environdec.com

Accountabilities for PCR, LCA and independent, third-party verification
Product Category Rules (PCR)
CEN standard EN 15804 and ISO 21930 serve as the Core Product Category Rules (PCR)
Product Category Rules (PCR): Construction Products, 2019:14, version 1.11 and UN CPC code 26890
PCR review was conducted by: The Technical Committee of the International EPD® System. A full list of members available on www.environdec.com. The review panel may be contacted via info@environdec.com.
Life Cycle Assessment (LCA)
LCA accountability: Rose Maylen, WAP Sustainability Consulting
Third-party verification
Independent third-party verification of the declaration and data, according to ISO 14025:2006, via: ☒ EPD verification by individual verifier Third-party verifier: James Mellentine, Thrive ESG Approved by: The International EPD® System
Procedure for follow-up of data during EPD validity involves third party verifier: ☐ Yes ☒ No

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

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 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 characterization factors); have equivalent content declarations; and be valid at the time of comparison. For further information about comparability, see EN 15804 and ISO 14025.

Company information

Owner of the EPD: Mermet USA
Contact: Nathan Wintermute <nathan.wintermute@mermetusa.com>
Description of the organization: Mermet USA is the world-leading manufacturer of premium solar screen fabrics since 1976. With 40 years of experience mastering the engineering and design of sun control textiles, Mermet USA's mission is to provide customers with shading solutions that enhance solar protection, energy savings, durability, aesthetics, and acoustical comfort.
Product-related or management system-related certifications: No product-related or management system-related certifications are declared.
Name and location of production site(s):
Mermet USA
5970 N Main Street
Cowpens, SC, 29330

Product information

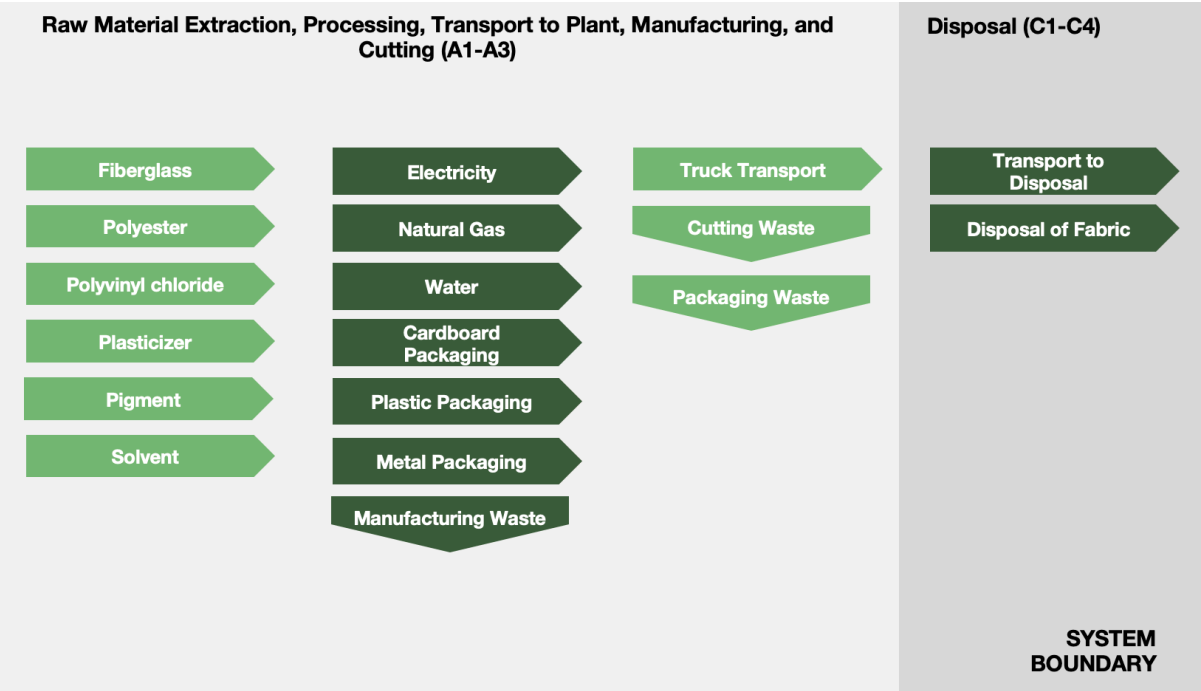
Product name: S Screen™, S Screen Naturals™
Product identification: CSI division 12 24 13
Product description: S Screen use decorative shade fabric composed of vinyl coated fiberglass yarns and constructed with wrapped yarn bundles that utilize recycled yarn and first quality weft yarn leftover from the weaving process. This fabric has the look and feel of a high-end, natural textile. S Screen Naturals uses the same wrapped yarn as the flagship S Screen line. In addition, it is constructed with a unique fancy weave pattern and includes a new clear yarn providing a luster to the texture and enhancing the effect of natural daylight.
UN CPC code: 26890
Geographical scope: The geographical scope of the raw material acquisition is North America, Asia, and Europe. The geographical scope of the manufacturing portion of the life cycle is the United States. Cutting and end of life portions of the life cycle are within the United States.
Multiple products: S Screen products are available in two openness percentages (1% and 4%), which impacts the weight of the reference flow (kg per m^2). A weighted average based on sales in 2021 was used to create an average value. This was deemed reasonable as the weight per square meter calculated did not vary by more than ± 1% within S Screen products. S Screen Natural does not come in varying openness and thus, the primary reference product was used.

Mermet USA fabrics are also available in a wide range of colors. After analysis, it was found white fabric was more impactful than charcoal fabric. Given white fabric or fabric that incorporates white makes of the majority of sales and is the more conservative (higher GWP impact) color, Mermet elected to showcase results for white fabric.

LCA information

Declared unit: One (1) m^2 of fabric; One (1) m^2 of cut window shade fabric.
Reference service life: As this is a cradle-to-gate with modules C1-C4 and module D study, a reference service life (RSL) is not declared.
Time representativeness: Primary data were provided by the manufacturer and represent all information for calendar year 2021.
Database(s) and LCA software used: MLC Database 2023.1 and LCA FE 10.7 software.
Description of system boundaries: Cradle to gate with modules C1-C4 and module D. Installation (A4-A5) and use (B1-B7) were excluded as these would vary across customers.

System diagram:



Manufacturing: Bobbins of fiberglass yarn are conditioned to standard temperature and humidity after they arrive at the facility. Next the fiberglass yarn is coated with a layer of PVC plastisol that provides durability, color, and FR properties to the yarn. Yarns are wound onto individual bobbins. Metered bobbins are used to prepare a warp beam. Additional bobbins of weft yarn are woven in between the warp yarns on a loom to produce the desired pattern. The woven fabric is heated to set the yarns in place. Next the fabric is inspected for defects and cut into individual rolls wound onto a cardboard core tube. The rolls are wrapped in plastic film, packaged in cardboard shipping tube, and capped with tin caps for distribution.

Electricity: Electricity contributes approximately 25% of GWP impact for S Screen and S Screen Naturals products. The electricity grid mix – SRVC with a GWP impact of 0.34 kg CO_2eq per kWh was used (IPCC AR5 GWP100, incl cc fb, incl biogenic carbon).

End of life: At the product's end of life, the fabric is assumed to be manually taken down and 100% of the product is sent to landfill as mixed waste. When assessing module D impacts, no materials are recovered at end of life and there are no benefits beyond the system boundary.

Assumptions: Throughout this study, value choices and judgements that may have affected the LCA have been described. Additional decisions are summarized below:

- The inclusion of overhead energy data was determined appropriate due to the inability to sub-meter and isolate manufacturing energy from overhead energy.
- Similarly, manufacturing inputs and outputs were assumed to be the same across products.
- Cutting electricity data utilized a value based on garment assembly, which includes both cut and sew of the fabric into a final garment. This is not a perfect technological fit to the cutting Mermet USA fabric undergoes; however, this was deemed appropriate due to the inability to source primary data from Mermet USA suppliers and the lack of publicly available cutting electricity data for sunshades.
- Packaging of cut fabric was assumed to be the same as packaging of uncut fabric.
- The use and selection of secondary datasets from Sphera Managed LCA Content database – The selection of which generic dataset to use to represent an aspect of a supply chain is a

significant value choice. Collaboration between the LCA practitioner, the manufacturer, and Sphera LCA for Experts data experts was invaluable in determining best-case scenarios in the selection of data. However, no generic data can be a perfect fit. Improved supply chain specific data would improve the accuracy of results, however budgetary and time constraints also must be considered.

Cut-off Rules: All inputs and outputs to unit processes for which data are available are included in the assessment. When data was not available, average, generic, or proxy data was utilized.

Additionally, a cut-off rule of 1% is considered in this assessment. In other words, the included inventory data accounts for greater than 99% of the total material and energy inputs to the system. Furthermore, greater than 99% of the environmental impacts are presumed to have been modeled based on the assessor's best judgment of excluded inputs. All substances with hazardous and toxic properties that can be of concern for human health and/or the environment have been identified, if present in the product, and declared according to normative requirements in standards or regulations applicable in the market for which the EPD is valid, even if the given process unit is under the cut-off criterion.

The list of excluded materials and energy inputs include:

- Some material inputs may have been excluded within the Sphera MLC datasets used for this project. All Sphera MLC datasets have been critically reviewed and conform to the exclusion requirement of the PCR, Part A: "Calculation Rules for the Life Cycle Assessment and Requirements on the Background Report".

Data Quality: The overall data quality is considered very good.

The precision of the data is considered high. Product engineers provided detailed bills of materials, and facility managers provided utility information for the manufacturing facilities. The raw material transportation distances were calculated based on the raw material manufacturers' addresses, extracted from the relevant SDS's.

The data included is consider complete. No known flows above 1% were excluded and the sum of all excluded flows totals less than 5%, whether evaluated by mass, energy, or potential environmental impact.

The consistency of the model is considered high. The bills of materials provided by the product engineers were developed for multiple internal departments' use and are maintained regularly. The LCA practitioner also cross-referenced the installation documents and other relevant information to ensure consistency. Furthermore, modeling assumptions were consistent across the model, with preference given towards Sphera MLC data, where available.

This study is considered reproducible. Descriptions of the data and assumptions through this report would allow a practitioner to utilize the LCA tool to generate results for the products.

Uncertainty for the secondary datasets is discussed in the documentation published by Sphera for the Sphera MLC LCI database. Uncertainty of the primary data comes from the utility data allocated to each product. The yearly total energy use changes over time due to more efficient operations, warmer or cooler seasons and other factors. Because energy data comes directly from utility bills, the uncertainty is mainly based on the accuracy of the utility meters.

Allocation:

General principles of allocation were based on ISO 14040/44. There are no products other than the product under study that are produced as part of the manufacturing processes. There are no marketable co-products leaving the system. Manufacturing waste that is discarded or goes to municipal recycling is allocated economically with a value of zero. Waste recycling processes are not included as they would be negligible under the cut-off criteria.

To derive a per-unit value for manufacturing inputs such as electricity, thermal energy and water, allocation based on total production by area was adopted. As a default, secondary Sphera MLC datasets use a physical basis for allocation.

Of relevance to the defined system boundary is the method in which recycled materials were handled. Throughout the study recycled materials were accounted for via the cut-off method. Under this method, impacts and benefits associated with secondary functions of materials at end of life are excluded (i.e., production into a third life or energy generation from the incineration plant). No inputs of recycled materials are used within the product.

Modules declared, geographical scope, share of specific data (in GWP-GHG results) and data variation (in GWP-GHG results):

	Product stage			Construction process stage		Use stage							End of life stage				Resource recovery stage
	Raw material supply	Transport	Manufacturing	Transport	Construction installation	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	ND	ND	ND	ND	ND	ND	ND	ND	ND	X	X	X	X	X
Geography	GLO	GLO	US	ND	ND	ND	ND	ND	ND	ND	ND	ND	US	US	US	US	US
Specific data used	>30%			ND	ND	-	-	-	-	-	-	-	-	-	-	-	-
Variation – products	<10%			ND	ND	-	-	-	-	-	-	-	-	-	-	-	-
Variation – sites	0%			ND	ND	-	-	-	-	-	-	-	-	-	-	-	-

ND: Not declared

Content information

No substances included in the Candidate List of Substances of Very High Concern for authorization under REACH Regulations are present in the S Screen™ or S Screen Naturals™ fabrics manufactured by Mermet USA, either above the threshold for registration with the European Chemicals Agency or above 0,1% (wt/wt).

S Screen™

Product components	Weight, kg	Post-consumer material, weight-%	Biogenic material, weight-% and kg C/kg and kg CO2e/kg
Fiberglass	2.16E0-1	0%	0% and 0 kg C/kg and 0 kg CO2e/kg
Vinyl Plastisol	3.83E0-01	0%	0% and 0 kg C/kg and 0 kg CO2e/kg
Polyester	4.37E-02	0%	0% and 0 kg C/kg
TOTAL	6.43E-01	0%	Biogenic material, weight-% and kg C/kg and kg CO2e/kg
Packaging materials	**Weight, kg**	**Weight-% (versus the product)**	**Weight biogenic carbon, kg C/kg and kg CO2e/kg**
Cardboard	1.76E-01	27%	0.55 kg C/kg and 1.58 kg CO2e/kg
Plastic	5.74E-03	1%	0 kg C/kg and 0 kg CO2e/kg
Tin	1.12E-02	2%	0 kg C/kg and 0 kg CO2e/kg
TOTAL	1.93E-01	30%	0.55 kg C/kg and 1.58 kg CO2e/kg

S Screen Naturals™

Product components	Weight, kg	Post-consumer material, weight-%	Biogenic material, weight-% and kg C/kg and kg CO2e/kg
Fiberglass	1.71E-01	0%	0% and 0 kg C/kg and 0 kg CO2e/kg
Vinyl Plastisol	3.03E-01	0%	0% and 0 kg C/kg and 0 kg CO2e/kg
Polyester	3.46E-02	0%	0% and 0 kg C/kg
TOTAL	5.09E-01	0%	Biogenic material, weight-% and kg C/kg and kg CO2e/kg
Packaging materials	**Weight, kg**	**Weight-% (versus the product)**	**Weight biogenic carbon, kg C/kg and kg CO2e/kg**
Cardboard	1.76E-01	35%	0.55 kg C/kg and 1.58 kg CO2e/kg
Plastic	5.74E-03	1%	0 kg C/kg and 0 kg CO2e/kg
Tin	1.12E-02	2%	0 kg C/kg and 0 kg CO2e/kg
TOTAL	1.93E-01	38%	0.55 kg C/kg and 1.58 kg CO2e/kg

Impact Category Details

Abbreviation	Parameter	Unit
IPCC AR5		
GWP	Global warming potential (100 years, includes biogenic CO_2)	kg CO_2 eq
GWP - GHG	Global warming potential (100 years, excludes climate carbon feedback, excludes biogenic CO_2)	kg CO_2 eq
EF 3.0 (EN 15804 +A2)		
GWP-total	Climate Change – total	kg CO_2 eq
GWP-fossil	Climate Change, fossil	kg CO_2 eq
GWP-biogenic	Climate Change, biogenic	kg CO_2 eq
GWP-luluc	Climate Change, land use and land use change	kg CO_2 eq
ODP	Ozone depletion	kg CFC-11 eq.
AP	Acidification	Mole of H+ eq.
EP-freshwater	Eutrophication, freshwater	kg P eq.
EP-marine	Eutrophication, marine	kg N eq.
EP-terrestrial	Eutrophication, terrestrial	Mole of N eq.
POCP	Photochemical ozone formation, human health	kg NMVOC eq.
ADP-minerals[2]	Resource use, mineral and metals	kg Sb eq.
ADP-fossil[2]	Resource use, fossils	MJ
WDP[2]	Water use [m^3 world equiv.]	m^3 world equiv.
PM	Particulate matter	Disease incidences
IRP[1]	Ionising radiation, human health	kBq U235 eq.
ETP-fw[2]	Ecotoxicity, freshwater	CTUe
HTP-c[2]	Human toxicity, cancer	CTUh
HTP-nc[2]	Human toxicity, non-cancer	CTUh
SQP[2]	Land Use	Pt
TRACI 2.1		
AP	Acidification potential of soil and water	kg SO_2 eq
EP	Eutrophication potential	kg N eq
GWP	Global warming potential (100 years, includes biogenic CO_2)	kg CO_2 eq
ODP	Depletion of stratospheric ozone layer	kg CFC 11 eq
Resources	Depletion of non-renewable fossil fuels	MJ, surplus energy
SFP	Smog formation potential	kg O_3 eq
Biogenic Carbon		
BCRP	Biogenic Carbon Removal from Product	[kg CO2]
BCEP	Biogenic Carbon Emission from Product	[kg CO2]
BCRK	Biogenic Carbon Removal from Packaging	[kg CO2]
BCEK	Biogenic Carbon Emission from Packaging	[kg CO2]
BCEW	Biogenic Carbon Emission from Combustion of Waste from Renewable Sources Used in Production Processes	[kg CO2]
CCE	Calcination Carbon Emissions	[kg CO2]
CCR	Carbonation Carbon Removals	[kg CO2]
CWNR	Carbon Emissions from Combustion of Waste from Non- Renewable Sources used in Production Processes	[kg CO2]

Abbreviation	Parameter	Unit
Resource Use Parameters		
RPR_E	Use of renewable primary energy excluding renewable primary energy resources used as raw materials	MJ, net calorific value (LHV)
RPR_M	Use of renewable primary energy resources used as raw materials	MJ, net calorific value
RPR_T	Total use of renewable primary energy resources	MJ, net calorific value
$NRPR_E$	Use of non-renewable primary energy excluding non-renewable primary energy resources used as raw materials	MJ, net calorific value
$NRPR_M$	Use of non-renewable primary energy resources used as raw materials	MJ, net calorific value
$NRPR_T$	Total use of non-renewable primary energy resources	MJ, net calorific value
SM	Use of secondary materials	kg
RSF	Use of renewable secondary fuels	MJ, net calorific value
NRSF	Use of non-renewable secondary fuels	MJ, net calorific value
RE	Recovered energy	MJ, net calorific value
FW	Net use of fresh water	m^3
Waste Parameters and Output Flows		
HWD	Disposed-of-hazardous waste	kg
NHWD	Disposed-of non-hazardous waste	kg
HLRW	High-level radioactive waste, conditioned, to final repository	kg
ILLRW	Intermediate- and low-level radioactive waste, conditioned, to final repository	kg
CRU	Components for reuse	kg
MR	Materials for recycling	kg
MER	Materials for energy recovery	kg
EEE	Exported electrical energy	MJ
EET	Exported thermal energy	MJ

1. Disclaimer: 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.
2. Disclaimer: The results of these environmental impact indicators shall be used with care as the uncertainties of these results are high or as there is limited experience with the indicator.

S Screen™ - Uncut

Results of the environmental performance indicators

Impact Category	A1-A3	A4-A5	B1-B7	C1	C2	C3	C4	D
IPCC AR5								
GWP [kg CO_2 eq]	3.35E+00	ND	ND	0.00E+00	5.18E-03	0.00E+00	1.38E-02	0.00E+00
GWP – GHG [kg CO_2 eq]	3.28E+00	ND	ND	0.00E+00	5.14E-03	0.00E+00	1.37E-02	0.00E+00
EF 3.0 Impacts (Europe)								
GWP-total [kg CO2 eq]	3.36E+00	ND	ND	0.00E+00	5.20E-03	0.00E+00	1.39E-02	0.00E+00
GWP-fossil [kg CO2 eq]	3.31E+00	ND	ND	0.00E+00	5.19E-03	0.00E+00	1.39E-02	0.00E+00
GWP-biogenic [kg CO2 eq]	5.06E-02	ND	ND	0.00E+00	3.77E-06	0.00E+00	-1.89E-05	0.00E+00
GWP-luluc [kg CO2 eq]	8.54E-04	ND	ND	0.00E+00	5.85E-06	0.00E+00	5.10E-06	0.00E+00
ODP [kg CFC-11 eq.]	1.90E-11	ND	ND	0.00E+00	6.31E-16	0.00E+00	3.14E-14	0.00E+00
AP [Mole of H+ eq.]	2.68E-02	ND	ND	0.00E+00	1.55E-05	0.00E+00	8.30E-05	0.00E+00
EP-freshwater [kg P eq.]	3.36E-05	ND	ND	0.00E+00	2.53E-08	0.00E+00	1.67E-05	0.00E+00
EP-marine [kg N eq.]	2.44E-03	ND	ND	0.00E+00	7.61E-06	0.00E+00	2.08E-05	0.00E+00
EP-terrestrial [Mole of N eq.]	2.62E-02	ND	ND	0.00E+00	8.40E-05	0.00E+00	2.28E-04	0.00E+00
POCP [kg NMVOC eq.]	8.59E-03	ND	ND	0.00E+00	1.51E-05	0.00E+00	6.31E-05	0.00E+00
ADP-minerals [kg Sb eq.]	2.54E-02	ND	ND	0.00E+00	3.37E-10	0.00E+00	7.79E-10	0.00E+00
ADP-fossil [MJ]	6.95E+01	ND	ND	0.00E+00	6.75E-02	0.00E+00	2.11E-01	0.00E+00
WDP [m^3 world equiv.]	6.71E-01	ND	ND	0.00E+00	3.00E-04	0.00E+00	7.19E-04	0.00E+00
PM [Disease incidences]	1.50E-06	ND	ND	0.00E+00	1.67E-10	0.00E+00	9.33E-10	0.00E+00
IRP [kBq U235 eq.]	4.86E-01	ND	ND	0.00E+00	1.75E-05	0.00E+00	2.30E-04	0.00E+00
ETP-fw [CTUe]	2.95E+01	ND	ND	0.00E+00	5.60E-02	0.00E+00	9.99E-01	0.00E+00
HTP-c [CTUh]	1.25E-09	ND	ND	0.00E+00	1.03E-12	0.00E+00	1.43E-11	0.00E+00
HTP-nc [CTUh]	1.55E-07	ND	ND	0.00E+00	3.30E-11	0.00E+00	1.61E-09	0.00E+00
SQP [Pt]	1.66E+01	ND	ND	0.00E+00	1.27E-02	0.00E+00	1.80E-02	0.00E+00
TRACI LCIA Impacts (North America)								
AP [kg SO_2 eq]	2.18E-02	ND	ND	0.00E+00	1.44E-05	0.00E+00	7.14E-05	0.00E+00
EP [kg N eq]	8.03E-04	ND	ND	0.00E+00	1.50E-06	0.00E+00	1.14E-04	0.00E+00
GWP [kg CO_2 eq]	3.24E+00	ND	ND	0.00E+00	5.11E-03	0.00E+00	1.34E-02	0.00E+00
ODP [kg CFC 11 eq]	5.47E-12	ND	ND	0.00E+00	1.33E-17	0.00E+00	6.61E-16	0.00E+00
Resources [MJ]	6.98E+00	ND	ND	0.00E+00	9.58E-03	0.00E+00	2.71E-02	0.00E+00
SFP [kg O_3 eq]	1.48E-01	ND	ND	0.00E+00	3.28E-04	0.00E+00	1.30E-03	0.00E+00
Carbon Emissions and Uptake								
BCRP [kg CO_2]	0.00E+00	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
BCEP [kg CO_2]	0.00E+00	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
BCRK [kg CO_2]	3.54E-01	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
BCEK [kg CO_2]	3.54E-01	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
BCEW [kg CO_2]	0.00E+00	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CCE [kg CO_2]	9.07E-02	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CCR [kg CO_2]	0.00E+00	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CWNR [kg CO_2]	0.00E+00	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Resource Use Indicators								

Impact Category	A1-A3	A4-A5	B1-B7	C1	C2	C3	C4	D
RPR_E [MJ]	8.85E+00	ND	ND	0.00E+00	2.89E-03	0.00E+00	2.52E-02	0.00E+00
RPR_M [MJ]	2.90E+00	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
RPR_T [MJ]	1.18E+01	ND	ND	0.00E+00	2.89E-03	0.00E+00	2.52E-02	0.00E+00
$NRPR_E$ [MJ]	6.50E+01	ND	ND	0.00E+00	7.24E-02	0.00E+00	2.15E-01	0.00E+00
$NRPR_M$ [MJ]	5.25E+00	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
$NRPR_T$ [MJ]	7.03E+01	ND	ND	0.00E+00	7.24E-02	0.00E+00	2.15E-01	0.00E+00
SM [kg]	0.00E+00	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
RSF [MJ]	0.00E+00	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
NRSF [MJ]	0.00E+00	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
RE [MJ]	0.00E+00	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FW [m^3]	1.88E-02	ND	ND	0.00E+00	9.90E-06	0.00E+00	2.67E-05	0.00E+00
Output Flows and Waste Categories								
HWD [kg]	2.51E-07	ND	ND	0.00E+00	2.08E-13	0.00E+00	5.37E-12	0.00E+00
NHWD [kg]	1.10E+00	ND	ND	0.00E+00	6.30E-06	0.00E+00	6.40E-01	0.00E+00
HLRW [kg]	6.01E-06	ND	ND	0.00E+00	2.46E-10	0.00E+00	2.66E-09	0.00E+00
ILLRW [kg]	5.23E-03	ND	ND	0.00E+00	2.07E-07	0.00E+00	2.38E-06	0.00E+00
CRU [kg]	0.00E+00	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
MR [kg]	1.66E-01	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
MER [kg]	8.97E-03	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
EEE [MJ]	7.54E-04	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
EET [MJ]	3.55E-04	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

S Screen™ - Cut

Results of the environmental performance indicators

Impact Category	A1-A3	A4-A5	B1-B7	C1	C2	C3	C4	D
IPCC AR5								
GWP [kg CO_2 eq]	4.09E+00	ND	ND	0.00E+00	5.18E-03	0.00E+00	1.38E-02	0.00E+00
GWP – GHG [kg CO_2 eq]	4.40E+00	ND	ND	0.00E+00	5.14E-03	0.00E+00	1.37E-02	0.00E+00
EF 3.0 Impacts (Europe)								
GWP-total [kg CO2 eq]	4.11E+00	ND	ND	0.00E+00	5.20E-03	0.00E+00	1.39E-02	0.00E+00
GWP-fossil [kg CO2 eq]	4.43E+00	ND	ND	0.00E+00	5.19E-03	0.00E+00	1.39E-02	0.00E+00
GWP-biogenic [kg CO2 eq]	-3.21E-01	ND	ND	0.00E+00	3.77E-06	0.00E+00	-1.89E-05	0.00E+00
GWP-luluc [kg CO2 eq]	1.09E-03	ND	ND	0.00E+00	5.85E-06	0.00E+00	5.10E-06	0.00E+00
ODP [kg CFC-11 eq.]	2.35E-11	ND	ND	0.00E+00	6.31E-16	0.00E+00	3.14E-14	0.00E+00
AP [Mole of H+ eq.]	3.22E-02	ND	ND	0.00E+00	1.55E-05	0.00E+00	8.30E-05	0.00E+00
EP-freshwater [kg P eq.]	6.89E-05	ND	ND	0.00E+00	2.53E-08	0.00E+00	1.67E-05	0.00E+00
EP-marine [kg N eq.]	3.21E-03	ND	ND	0.00E+00	7.61E-06	0.00E+00	2.08E-05	0.00E+00
EP-terrestrial [Mole of N eq.]	3.41E-02	ND	ND	0.00E+00	8.40E-05	0.00E+00	2.28E-04	0.00E+00
POCP [kg NMVOC eq.]	1.09E-02	ND	ND	0.00E+00	1.51E-05	0.00E+00	6.31E-05	0.00E+00
ADP-minerals [kg Sb eq.]	2.83E-02	ND	ND	0.00E+00	3.37E-10	0.00E+00	7.79E-10	0.00E+00
ADP-fossil [MJ]	8.92E+01	ND	ND	0.00E+00	6.75E-02	0.00E+00	2.11E-01	0.00E+00
WDP [m^3 world equiv.]	9.34E-01	ND	ND	0.00E+00	3.00E-04	0.00E+00	7.19E-04	0.00E+00

Impact Category	A1-A3	A4-A5	B1-B7	C1	C2	C3	C4	D
PM [Disease incidences]	1.69E-06	ND	ND	0.00E+00	1.67E-10	0.00E+00	9.33E-10	0.00E+00
IRP [kBq U235 eq.]	6.13E-01	ND	ND	0.00E+00	1.75E-05	0.00E+00	2.30E-04	0.00E+00
ETP-fw [CTUe]	3.82E+01	ND	ND	0.00E+00	5.60E-02	0.00E+00	9.99E-01	0.00E+00
HTP-c [CTUh]	1.84E-09	ND	ND	0.00E+00	1.03E-12	0.00E+00	1.43E-11	0.00E+00
HTP-nc [CTUh]	1.78E-07	ND	ND	0.00E+00	3.30E-11	0.00E+00	1.61E-09	0.00E+00
SQP [Pt]	2.91E+01	ND	ND	0.00E+00	1.27E-02	0.00E+00	1.80E-02	0.00E+00
TRACI LCIA Impacts (North America)								
AP [kg SO_2 eq]	2.64E-02	ND	ND	0.00E+00	1.44E-05	0.00E+00	7.14E-05	0.00E+00
EP [kg N eq]	1.31E-03	ND	ND	0.00E+00	1.50E-06	0.00E+00	1.14E-04	0.00E+00
GWP [kg CO_2 eq]	3.95E+00	ND	ND	0.00E+00	5.11E-03	0.00E+00	1.34E-02	0.00E+00
ODP [kg CFC 11 eq]	6.19E-12	ND	ND	0.00E+00	1.33E-17	0.00E+00	6.61E-16	0.00E+00
Resources [MJ]	8.65E+00	ND	ND	0.00E+00	9.58E-03	0.00E+00	2.71E-02	0.00E+00
SFP [kg O_3 eq]	1.91E-01	ND	ND	0.00E+00	3.28E-04	0.00E+00	1.30E-03	0.00E+00
Carbon Emissions and Uptake								
BCRP [kg CO_2]	0.00E+00	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
BCEP [kg CO_2]	0.00E+00	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
BCRK [kg CO_2]	7.87E-01	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
BCEK [kg CO_2]	3.94E-01	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
BCEW [kg CO_2]	0.00E+00	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CCE [kg CO_2]	1.01E-01	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CCR [kg CO_2]	0.00E+00	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CWNR [kg CO_2]	0.00E+00	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Resource Use Indicators								
RPR_E [MJ]	1.37E+01	ND	ND	0.00E+00	2.89E-03	0.00E+00	2.52E-02	0.00E+00
RPR_M [MJ]	6.44E+00	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
RPR_T [MJ]	2.02E+01	ND	ND	0.00E+00	2.89E-03	0.00E+00	2.52E-02	0.00E+00
$NRPR_E$ [MJ]	8.39E+01	ND	ND	0.00E+00	7.24E-02	0.00E+00	2.15E-01	0.00E+00
$NRPR_M$ [MJ]	6.12E+00	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
$NRPR_T$ [MJ]	9.01E+01	ND	ND	0.00E+00	7.24E-02	0.00E+00	2.15E-01	0.00E+00
SM [kg]	0.00E+00	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
RSF [MJ]	0.00E+00	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
NRSF [MJ]	0.00E+00	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
RE [MJ]	0.00E+00	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FW [m^3]	2.63E-02	ND	ND	0.00E+00	9.90E-06	0.00E+00	2.67E-05	0.00E+00
Output Flows and Waste Categories								
HWD [kg]	2.83E-07	ND	ND	0.00E+00	2.08E-13	0.00E+00	5.37E-12	0.00E+00
NHWD [kg]	1.35E+00	ND	ND	0.00E+00	6.30E-06	0.00E+00	6.40E-01	0.00E+00
HLRW [kg]	7.74E-06	ND	ND	0.00E+00	2.46E-10	0.00E+00	2.66E-09	0.00E+00
ILLRW [kg]	6.70E-03	ND	ND	0.00E+00	2.07E-07	0.00E+00	2.38E-06	0.00E+00
CRU [kg]	0.00E+00	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
MR [kg]	1.85E-01	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
MER [kg]	9.96E-03	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
EEE [MJ]	8.38E-04	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Impact Category	A1-A3	A4-A5	B1-B7	C1	C2	C3	C4	D
EET [MJ]	3.94E-04	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

S Screen Naturals™ - Uncut
Results of the environmental performance indicators

Impact Category	A1-A3	A4-A5	B1-B7	C1	C2	C3	C4	D
IPCC AR5								
GWP [kg CO_2 eq]	2.96E+00	ND	ND	0.00E+00	4.10E-03	0.00E+00	1.09E-02	0.00E+00
GWP – GHG [kg CO_2 eq]	2.91E+00	ND	ND	0.00E+00	4.07E-03	0.00E+00	1.08E-02	0.00E+00
EF 3.0 Impacts (Europe)								
GWP-total [kg CO2 eq]	2.98E+00	ND	ND	0.00E+00	4.12E-03	0.00E+00	1.10E-02	0.00E+00
GWP-fossil [kg CO2 eq]	2.93E+00	ND	ND	0.00E+00	4.11E-03	0.00E+00	1.10E-02	0.00E+00
GWP-biogenic [kg CO2 eq]	4.83E-02	ND	ND	0.00E+00	2.99E-06	0.00E+00	-1.50E-05	0.00E+00
GWP-luluc [kg CO2 eq]	7.18E-04	ND	ND	0.00E+00	4.63E-06	0.00E+00	4.03E-06	0.00E+00
ODP [kg CFC-11 eq.]	1.71E-11	ND	ND	0.00E+00	4.99E-16	0.00E+00	2.49E-14	0.00E+00
AP [Mole of H+ eq.]	2.18E-02	ND	ND	0.00E+00	1.22E-05	0.00E+00	6.57E-05	0.00E+00
EP-freshwater [kg P eq.]	3.28E-05	ND	ND	0.00E+00	2.00E-08	0.00E+00	1.33E-05	0.00E+00
EP-marine [kg N eq.]	2.09E-03	ND	ND	0.00E+00	6.02E-06	0.00E+00	1.65E-05	0.00E+00
EP-terrestrial [Mole of N eq.]	2.23E-02	ND	ND	0.00E+00	6.65E-05	0.00E+00	1.80E-04	0.00E+00
POCP [kg NMVOC eq.]	7.20E-03	ND	ND	0.00E+00	1.19E-05	0.00E+00	4.99E-05	0.00E+00
ADP-minerals [kg Sb eq.]	2.01E-02	ND	ND	0.00E+00	2.67E-10	0.00E+00	6.17E-10	0.00E+00
ADP-fossil [MJ]	6.17E+01	ND	ND	0.00E+00	5.34E-02	0.00E+00	1.67E-01	0.00E+00
WDP [m^3 world equiv.]	5.94E-01	ND	ND	0.00E+00	2.38E-04	0.00E+00	5.69E-04	0.00E+00
PM [Disease incidences]	1.19E-06	ND	ND	0.00E+00	1.32E-10	0.00E+00	7.39E-10	0.00E+00
IRP [kBq U235 eq.]	4.60E-01	ND	ND	0.00E+00	1.39E-05	0.00E+00	1.82E-04	0.00E+00
ETP-fw [CTUe]	2.57E+01	ND	ND	0.00E+00	4.43E-02	0.00E+00	7.91E-01	0.00E+00
HTP-c [CTUh]	1.09E-09	ND	ND	0.00E+00	8.14E-13	0.00E+00	1.13E-11	0.00E+00
HTP-nc [CTUh]	1.24E-07	ND	ND	0.00E+00	2.61E-11	0.00E+00	1.27E-09	0.00E+00
SQP [Pt]	1.60E+01	ND	ND	0.00E+00	1.01E-02	0.00E+00	1.43E-02	0.00E+00
TRACI LCIA Impacts (North America)								
AP [kg SO_2 eq]	1.78E-02	ND	ND	0.00E+00	1.14E-05	0.00E+00	5.65E-05	0.00E+00
EP [kg N eq]	7.37E-04	ND	ND	0.00E+00	1.19E-06	0.00E+00	9.05E-05	0.00E+00
GWP [kg CO_2 eq]	2.87E+00	ND	ND	0.00E+00	4.05E-03	0.00E+00	1.06E-02	0.00E+00
ODP [kg CFC 11 eq]	4.38E-12	ND	ND	0.00E+00	1.05E-17	0.00E+00	5.23E-16	0.00E+00
Resources [MJ]	6.00E+00	ND	ND	0.00E+00	7.59E-03	0.00E+00	2.14E-02	0.00E+00
SFP [kg O_3 eq]	1.25E-01	ND	ND	0.00E+00	2.60E-04	0.00E+00	1.03E-03	0.00E+00
Carbon Emissions and Uptake								
BCRP [kg CO_2]	0.00E+00	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
BCEP [kg CO_2]	0.00E+00	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
BCRK [kg CO_2]	3.54E-01	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
BCEK [kg CO_2]	3.54E-01	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
BCEW [kg CO_2]	0.00E+00	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Impact Category	A1-A3	A4-A5	B1-B7	C1	C2	C3	C4	D
CCE [kg CO_2]	7.18E-02	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CCR [kg CO_2]	0.00E+00	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CWNR [kg CO_2]	0.00E+00	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Resource Use Indicators								
RPR_E [MJ]	8.23E+00	ND	ND	0.00E+00	2.28E-03	0.00E+00	2.00E-02	0.00E+00
RPR_M [MJ]	2.90E+00	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
RPR_T [MJ]	1.11E+01	ND	ND	0.00E+00	2.28E-03	0.00E+00	2.00E-02	0.00E+00
$NRPR_E$ [MJ]	5.81E+01	ND	ND	0.00E+00	5.73E-02	0.00E+00	1.70E-01	0.00E+00
$NRPR_M$ [MJ]	4.21E+00	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
$NRPR_T$ [MJ]	6.23E+01	ND	ND	0.00E+00	5.73E-02	0.00E+00	1.70E-01	0.00E+00
SM [kg]	0.00E+00	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
RSF [MJ]	0.00E+00	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
NRSF [MJ]	0.00E+00	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
RE [MJ]	0.00E+00	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FW [m^3]	1.68E-02	ND	ND	0.00E+00	7.83E-06	0.00E+00	2.11E-05	0.00E+00
Output Flows and Waste Categories								
HWD [kg]	2.00E-07	ND	ND	0.00E+00	1.65E-13	0.00E+00	4.25E-12	0.00E+00
NHWD [kg]	8.98E-01	ND	ND	0.00E+00	4.99E-06	0.00E+00	5.07E-01	0.00E+00
HLRW [kg]	5.85E-06	ND	ND	0.00E+00	1.95E-10	0.00E+00	2.11E-09	0.00E+00
ILLRW [kg]	5.05E-03	ND	ND	0.00E+00	1.64E-07	0.00E+00	1.88E-06	0.00E+00
CRU [kg]	0.00E+00	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
MR [kg]	1.66E-01	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
MER [kg]	8.97E-03	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
EEE [MJ]	7.54E-04	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
EET [MJ]	3.55E-04	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

S Screen Naturals™ - Cut

Results of the environmental performance indicators

Impact Category	A1-A3	A4-A5	B1-B7	C1	C2	C3	C4	D
IPCC AR5								
GWP [kg CO_2 eq]	3.73E+00	ND	ND	0.00E+00	4.10E-03	0.00E+00	1.09E-02	0.00E+00
GWP – GHG [kg CO_2 eq]	4.05E+00	ND	ND	0.00E+00	4.07E-03	0.00E+00	1.08E-02	0.00E+00
EF 3.0 Impacts (Europe)								
GWP-total [kg CO2 eq]	3.75E+00	ND	ND	0.00E+00	4.12E-03	0.00E+00	1.10E-02	0.00E+00
GWP-fossil [kg CO2 eq]	4.07E+00	ND	ND	0.00E+00	4.11E-03	0.00E+00	1.10E-02	0.00E+00
GWP-biogenic [kg CO2 eq]	-3.23E-01	ND	ND	0.00E+00	2.99E-06	0.00E+00	-1.50E-05	0.00E+00
GWP-luluc [kg CO2 eq]	9.39E-04	ND	ND	0.00E+00	4.63E-06	0.00E+00	4.03E-06	0.00E+00
ODP [kg CFC-11 eq.]	2.17E-11	ND	ND	0.00E+00	4.99E-16	0.00E+00	2.49E-14	0.00E+00
AP [Mole of H+ eq.]	2.68E-02	ND	ND	0.00E+00	1.22E-05	0.00E+00	6.57E-05	0.00E+00
EP-freshwater [kg P eq.]	6.77E-05	ND	ND	0.00E+00	2.00E-08	0.00E+00	1.33E-05	0.00E+00
EP-marine [kg N eq.]	2.84E-03	ND	ND	0.00E+00	6.02E-06	0.00E+00	1.65E-05	0.00E+00

Impact Category	A1-A3	A4-A5	B1-B7	C1	C2	C3	C4	D
EP-terrestrial [Mole of N eq.]	3.01E-02	ND	ND	0.00E+00	6.65E-05	0.00E+00	1.80E-04	0.00E+00
POCP [kg NMVOC eq.]	9.38E-03	ND	ND	0.00E+00	1.19E-05	0.00E+00	4.99E-05	0.00E+00
ADP-minerals [kg Sb eq.]	2.24E-02	ND	ND	0.00E+00	2.67E-10	0.00E+00	6.17E-10	0.00E+00
ADP-fossil [MJ]	8.16E+01	ND	ND	0.00E+00	5.34E-02	0.00E+00	1.67E-01	0.00E+00
WDP [m³ world equiv.]	8.64E-01	ND	ND	0.00E+00	2.38E-04	0.00E+00	5.69E-04	0.00E+00
PM [Disease incidences]	1.35E-06	ND	ND	0.00E+00	1.32E-10	0.00E+00	7.39E-10	0.00E+00
IRP [kBq U235 eq.]	5.94E-01	ND	ND	0.00E+00	1.39E-05	0.00E+00	1.82E-04	0.00E+00
ETP-fw [CTUe]	3.42E+01	ND	ND	0.00E+00	4.43E-02	0.00E+00	7.91E-01	0.00E+00
HTP-c [CTUh]	1.68E-09	ND	ND	0.00E+00	8.14E-13	0.00E+00	1.13E-11	0.00E+00
HTP-nc [CTUh]	1.45E-07	ND	ND	0.00E+00	2.61E-11	0.00E+00	1.27E-09	0.00E+00
SQP [Pt]	2.85E+01	ND	ND	0.00E+00	1.01E-02	0.00E+00	1.43E-02	0.00E+00
TRACI LCIA Impacts (North America)								
AP [kg SO_2 eq]	2.21E-02	ND	ND	0.00E+00	1.14E-05	0.00E+00	5.65E-05	0.00E+00
EP [kg N eq]	1.24E-03	ND	ND	0.00E+00	1.19E-06	0.00E+00	9.05E-05	0.00E+00
GWP [kg CO_2 eq]	3.60E+00	ND	ND	0.00E+00	4.05E-03	0.00E+00	1.06E-02	0.00E+00
ODP [kg CFC 11 eq]	4.98E-12	ND	ND	0.00E+00	1.05E-17	0.00E+00	5.23E-16	0.00E+00
Resources [MJ]	7.63E+00	ND	ND	0.00E+00	7.59E-03	0.00E+00	2.14E-02	0.00E+00
SFP [kg O_3 eq]	1.67E-01	ND	ND	0.00E+00	2.60E-04	0.00E+00	1.03E-03	0.00E+00
Carbon Emissions and Uptake								
BCRP [kg CO_2]	0.00E+00	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
BCEP [kg CO_2]	0.00E+00	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
BCRK [kg CO_2]	7.87E-01	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
BCEK [kg CO_2]	3.94E-01	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
BCEW [kg CO_2]	0.00E+00	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CCE [kg CO_2]	7.98E-02	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CCR [kg CO_2]	0.00E+00	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CWNR [kg CO_2]	0.00E+00	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Resource Use Indicators								
RPR_E [MJ]	1.33E+01	ND	ND	0.00E+00	2.28E-03	0.00E+00	2.00E-02	0.00E+00
RPR_M [MJ]	6.44E+00	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
RPR_T [MJ]	1.98E+01	ND	ND	0.00E+00	2.28E-03	0.00E+00	2.00E-02	0.00E+00
$NRPR_E$ [MJ]	7.74E+01	ND	ND	0.00E+00	5.73E-02	0.00E+00	1.70E-01	0.00E+00
$NRPR_M$ [MJ]	4.96E+00	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
$NRPR_T$ [MJ]	8.24E+01	ND	ND	0.00E+00	5.73E-02	0.00E+00	1.70E-01	0.00E+00
SM [kg]	0.00E+00	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
RSF [MJ]	0.00E+00	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
NRSF [MJ]	0.00E+00	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
RE [MJ]	0.00E+00	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FW [m^3]	2.44E-02	ND	ND	0.00E+00	7.83E-06	0.00E+00	2.11E-05	0.00E+00
Output Flows and Waste Categories								
HWD [kg]	2.26E-07	ND	ND	0.00E+00	1.65E-13	0.00E+00	4.25E-12	0.00E+00
NHWD [kg]	1.10E+00	ND	ND	0.00E+00	4.99E-06	0.00E+00	5.07E-01	0.00E+00
HLRW [kg]	7.69E-06	ND	ND	0.00E+00	1.95E-10	0.00E+00	2.11E-09	0.00E+00

Impact Category	A1-A3	A4-A5	B1-B7	C1	C2	C3	C4	D
ILLRW [kg]	6.62E-03	ND	ND	0.00E+00	1.64E-07	0.00E+00	1.88E-06	0.00E+00
CRU [kg]	0.00E+00	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
MR [kg]	1.85E-01	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
MER [kg]	9.96E-03	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
EEE [MJ]	8.38E-04	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
EET [MJ]	3.94E-04	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Additional environmental information

The technical datasheet for these products can be found on Mermet's website at: https://mermetusa.com/full-product-spec-sheets/

All Mermet USA sunshades are RoHS – lead free and GREENGUARD Gold certified. These certifications can be found on Mermet's website at:

- https://mermetusa.com/all-fabrics/ and
- https://mermetusa.com/site/user/files/1/product-transparency-matrix-v13.pdf.

Additional social and economic information

There are no additional social and economic information to declare.

Information related to Sector EPD

This is an individual EPD®.

Differences versus previous versions

This is the first version of the EPD®.

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