Environmental Product Declaration

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

Polypropylene fibre STAVON

from

TREVOS KOŠŤÁLOV s.r.o.

Programme:

Programme operator:

EPD registration number:

Publication date:

Valid until:

"National Environmental Labeling Program" - Czech Republic (NPEZ)

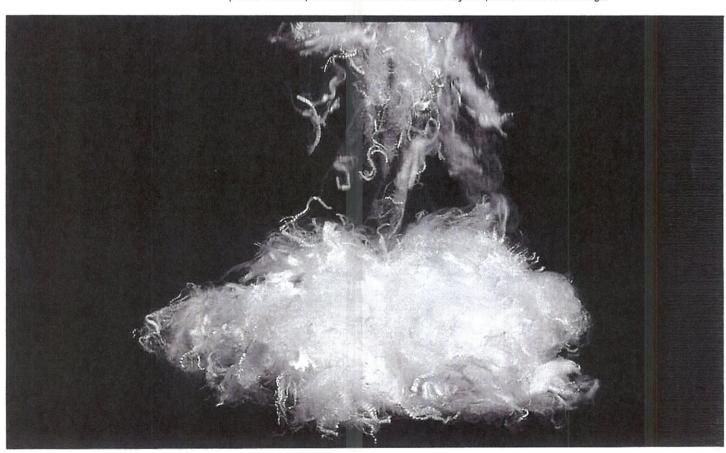
Ministry of the Environment of the Czech Republic, CENIA, Czech Environmental Information Agency, executive function of the NPEZ Agency

7250006

2025-08-20

2030-08-19

An EPD should provide current information and may be updated if conditions change.





General information

Programme information

Programme:	"National Environmental Labeling Program" - Czech Republic (NPEZ)
	Ministry of the Environment of the Czech Republic
Address:	Department of Voluntary Instruments 100 10 Praha 10, Vršovická 1442/65
Website:	www.mzp.cz, www.cenia.cz
E-mail:	info@mzp.cz

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): EN ISO 15804+A2:2019: Sustainability of construction works - Environmental product declarations - Core rules for the product category of construction products, UN CPC: 35510

Life Cycle Assessment (LCA)

LCA accountability: Technický a zkušební ústav stavební Praha, s.p.,

190 00 Praha 9, Prosecká 811/76a, CZ

Computational program OneClick LCA



Third-party verification

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

□ Ano ⊠ ne

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/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.



Company information

Owner of the EPD: TREVOS Košťálov s.r.o.

Contact:

Ing. Jiří Stmad

Description of the organisation:

TREVOS Košťálov s.r.o. operates at Košťálov 145, 512 02 in the Liberec Region and manufactures polypropylene staple fiber. TREVOS s.r.o. was established in 1993 during privatization by transforming part of a state-owned enterprise engaged in the production and sale of textiles. Since 1996, TREVOS Košťálov s.r.o. has become a major producer of polypropylene staple fiber not only in the Czech Republic but also abroad.

Product-related or management system-related certifications:

The quality of the products is ensured by an effective quality management system according to EN ISO 9001 and is in accordance with the technical regulations regarding the type of product. The product has also been assessed for its properties in accordance with EN 14889-2:2006.

Name and location of production site(s):

512 02 Košťálov, Košťálov 145, Czech republic

Product information

Product name: STAVON polypropylene staple fiber

Product identification:

Polypropylene staple fibers for use in accordance with EN 14889-2:2006 Fibres for concrete - Part 2: Polymer fibres - Definitions, specifications and conformity

Product description:

The LCA analysis and EPD issued only assess STAVON fiber, i.e., fiber used in construction as an additive to concrete. In addition, TREVOS Košťálov s.r.o. also manufactures other polypropylene fibers listed below, which have a wide range of uses in other industries.

Polypropylene staple fiber can be divided into:

- a) in terms of geometric properties and appearance
- according to fiber fineness 1,0 17,0 dtex
- according to the length of the cut 3, 4, 6, 8, 12, 18, 30, 40, 50, 60, 75, 90, 120 mm
- according to the number of arches 2 12 arches/cm

Note: These parameters can be combined in various ways to obtain a thread of the desired fineness, length, and number of arches.

- b) in terms of the mechanical properties of the fibers, further processing, and intended use
- TPS thermally bonded POP fiber for processing using thermobond technology, suitable for use in the manufacture of hygiene products
- Geo POP fiber with high strength and low elongation, suitable for the production of geotextiles with higher specific weight
- Ba POP fiber with properties similar to cotton fiber, suitable for spinning yams and also for the production of geotextiles with lower specific weight per unit area
- PKH high-shrinkage POP fiber, which shrinks by 30-40% of its length during further processing when exposed to hot air at 150°C for 10 minutes.
- STAVON POP short-cut fiber, which is mainly used in construction (as an additive in concrete and mortar mixtures), etc.
- HT POP High-strength fibers for the production of needle-punched nonwoven textiles (geotextiles).

TREVON polypropylene staple fiber



Fiber type - designation	Average strength [cN/dtex]	Average Duktility [%]	Number of arches [1/10 mm]	Standard manufactured fineness [dtex]
TPS	min. 1,6	min. 250	6 - 12	2,2 - 6,7
TPS B	min. 2,5	min. 120	4 - 10	3,5 - 17,0
Cotton	min. 3,5	min. 70	5 - 9	1,5 – 3,9
Cotton V	min. 4,0	min. 60	5 - 9	1,5 – 3,9
Cotton W	min. 4,5	min. 40	5 - 9	1,5 3,9
Geo	min. 3,5	min. 70	3 - 8	3,3 - 13,0
GeoV	min. 4,0	min. 60	3 - 7	3,3 - 11,0
GeoW	min. 4,5	min. 40	2 - 7	3,3 - 6,7
нт	min. 5,0	min. 40	2 - 7	2,8 – 6,7
РКН	min. 3,5	min. 70	5 - 9	1,5
Stavon	min. 3,7	mìn. 50	without arches	2,3 7,0 (18 µm 32 µm)

All types, their fineness and parameters can be customized to customer requirements.

- Cut length for all types of TPS, Cotton, Geo, and PKH 30, 40, 50, 60, 75, 90, 120
- Cut length for Stavon type 3, 4, 6, 8, 12, 18 mm
- Color design of fibers according to the company's offer (color chart) or according to your own submitted sample
- UV stabilization, fireproof treatment, antiseptic treatment, and others according to customer requirements

Mechanical properties

Mechanical properties depend on the parameters specified during fiber production. The specified parameters enable the production of fibers with the desired properties according to customer requirements.

It is also possible to obtain fibers with mechanical properties similar to those of cotton, i.e., fibers with low fineness, low elongation, and high strength, by selecting the input parameters. POP fibers with such properties are then suitable for processing using OE spinning technology.

The moisture content in % of polypropylene is very low and negligible (approx. 0.05-0.15%). Water sorption only affects the surface of the material and depends on the fabric softener content on the fiber.

Fiber impurity content in %: max. 0.001%



Polypropylene staple fiber does not contain such a large amount of impurities that would cause an increase in the number of defects when splitting the fiber layer during further processing.

Chemical properties

Due to its non-polar nature, polypropylene is generally very chemically stable. It is stable against solutions of inorganic salts, acids, and bases over a wide range of temperatures and concentrations, but is not resistant to oxidizing agents. It swells in halogenated aromatic hydrocarbons and some solvents.

Electrical properties

Polypropylene has very good electrical insulation and dielectric properties due to its non-polar molecular structure. Its surface resistance is higher than 1013 Ω .

UN CPC code: 35510 Synthetic filament tow and staple fibres, not carded or combed

Geographical scope:

The generic data used from the database available in the OneClick LCA program (Ecoinvent 3.10.1 and EPD products) are used with validity for the Czech Republic (e.g., energy inputs), and if data for the Czech Republic are not available, data valid for the EU are used. Based on the evaluation according to EN 15804+A2, Annex E, tab. E.1 the generic data used meet the quality level - medium.

Product packaging:

Products are delivered in accordance with the standards specified in the product description. The product is packaged either in large big bags, in which it is delivered directly to the customer, or the fibers from the big bags are further processed on a packaging line, where they are packaged in smaller quantities in water-soluble paper bags, which are then delivered to the customer in cardboard boxes.

Environment and health during use

During the entire production process, it is not necessary to take any special health protection measures beyond the legally specified industrial protection measures for production employees.



LCA information

Functional unit / declared unit:

The declared unit is 1 kg of average manufactured product – STAVON polypropylene staple fiber.

Designation	Unit	Value
Declared unit	kg	1
Conversion factor per 1 kg	kg	1

Reference service life:

The reference service life of the product is determined by the service life of the concrete of which it is an integral part, which is at least 50 years (according to ČSN EN 206+A2 Concrete - Specification, properties, production, and conformity).

Time representativeness:

For specific data, manufacturer data for 2024 is used. For generic data, data from a set of databases that are part of the OneClick LCA program (Ecoinvent database version 3.10.1, OneClick LCA database, and others) are used. Based on the evaluation according to EN 15804+A2, Annex E, Table E.1, the generic data used meet the quality level - very good.

Database(s) and LCA software used

The OneClick LCA tool and database (EPD Hub Core PCR version 1.2, March 24, 2025) were used to assess the processes. The OneClick LCA database represents the latest available data in the form of EPDs complying with EN 15804 and data from Ecoinvent 3.10.1 (2024).

The GWP-GHG of electricity is 0.78 kg CO2e/kWh (Czech Republic mix).

Description of system boundaries:

Cradle to gate (A1-A3).

The production phase includes the following modules:

- A1 extraction and processing of raw materials and production of packaging from input raw materials
- A2 transport of input raw materials from the supplier to the manufacturer, waste removal
- A3 production of products, production of auxiliary materials and semi-finished products, energy
 consumption, including waste processing until reaching a state where it ceases to be waste or
 after removal of the last material residues during the production phase

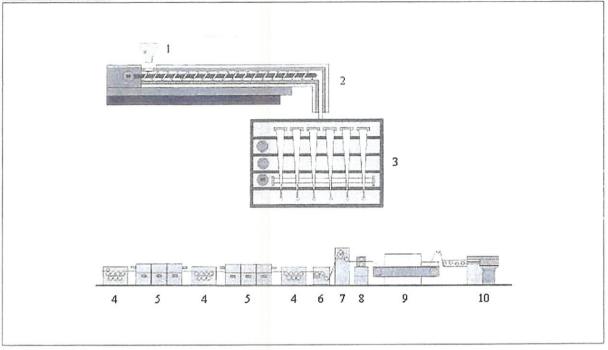
According to ČSN EN 15804+A2 Article 5.2, the product meets the following conditions:

- the product or material is physically connected to other products during installation in such a way that it cannot be physically separated from them at the end of its service life.
- the product or material can no longer be identified at the end of its life cycle as a result of a physical or chemical transformation process,
- the product or material does not contain biogenic carbon,

and is therefore exempt from the declaration of modules C1 - C4 and module D.



Production scheme:



- 1 dosing device
- 2 extruder
- 3 spinning wall
- 4 stretching rollers (cylinders)
- 5 heating channel
- 6 device for additional application of fabric softener
- 7 cable winding device
- 8 crimper
- 9 dryer
- 10 cutting machine

More information:

Information modules A4 and A5 and B1 to B7, C and D are not declared, as the product meets the conditions for exemption, see chapter "Description of system boundaries."

All operational data relating to the consumption of main and auxiliary materials for the manufacture of the product, energy data, diesel consumption, and the distribution of annual waste production and emissions according to plant records were taken into account for the study. In terms of waste produced, only waste that is clearly related to production activities was included in the analysis. The processes necessary for the installation of production equipment and infrastructure construction were not included in the analysis. Administrative processes are also not included – inputs and outputs are balanced at the production stage.

The manufacturer's input data was allocated according to weight (applied to energy, water consumption, raw materials, and packaging materials, where relevant). The assessed product, STAVON polypropylene staple fiber, accounts for only 8.18% of total production.



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

	Pro	duct st	age	prod	ruction cess ige			Us	e sta	ge			En	d of li	fe sta	ige	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	B 5	B6	B7	C1	C2	C3	Ç4	D
Modules declared	x	x	×	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Geography	GLO EU	GLO, EU	EU, CZ										-	-	-	-	-
Specific data used		> 95 %		-		-	-	-	-	-	-	-	-	-	-	-	-
Variation – products		0 %		-	-	-	-	-		-	-	-	-	-	-	-	-
Variation – sites		0 %		-	-	-	-	-		-	-	-	-	-	-	-	-

The data used to calculate the EPD conforms to the following principles:

Technological point of view: Data corresponding to the current production of individual types of partial products of the plant and corresponding to the current state of the technologies used are used. Based on the evaluation according to EN 15804+A2, Annex E, tab. E.1 the generic data used meet the quality level - <u>very good</u>.

The aspect of completeness and completeness: Most of the input data is based on consumption balances, which are precisely recorded in the manufacturer's information system. The reliability of the source of specific data is determined by the uniformity of the collection methodology of the information system.

Consistency point of view: Uniform points of view are used throughout the report (allocation rules, age of data, technological scope of validity, temporal scope of validity, geographical scope of validity). Credibility aspect: All important data were checked for adherence to cross-comparison of mass balances.



Content information

Weight %	Post-consumer materi weight-%	al, Biogenic carbon content in kg C/DU
>99,5	0	0
<0,5	0	Ø
100	0	o
Weight %	Weight-% (versus the product)	e Biogenic carbon content in kg C/DU
2,94	0,26	0
1,11	0,10	0
3,66	0,32	0
1,24	0,11	0,000507
14,34	1,27	0,005836
0,74	0,07	0,036816
75,97	6,71	0
100	0	0
EC No.		ght-% per functional or ared unit (DU)
	>99,5 <0,5 100 Weight % 2,94 1,11 3,66 1,24 14,34 0,74 75,97 100	Weight % weight-% >99,5 0 40,5 0 100 0 Weight % Weight-% (versus the product) 2,94 0,26 1,11 0,10 3,66 0,32 1,24 0,11 14,34 1,27 0,74 0,07 75,97 6,71 100 0

Substances listed on the list of substances of very high concern subject to authorization by the European Chemicals Agency are not contained in the product in declarable quantities.



Mandatory impact category indicators according to EN 15804:2012+A2:2019/AC:2021, EF 3.1 Results of the environmental performance indicators

	٥	Q	Q	Q	Q	Q	Z	Q	Q	2	Q	Q	Q	Q
	2	QN	Q	Q	Q	QN	Q	9	Q	Q	Q	Q	Q	Q
	ខ	Q	ND	Q	Q	Q	Q	N O	Q	Q	N	Q	N	QN
	C2	Q	QV	Q	Q	Q	Q	Q	Q	Q	Q	Q	QN N	Q.
	ភ	Q.	Q	Q	Q	Q	Q.	Q	Q	g	9	QN	QN	QN
	87	Q	Q.	Q	Q	QN	Q	Q	Q	ND	Ω	Q	Q	Q
mit	B6	Q	Q	Q	9	Q	Q	2	9	9	8	9	2	Q
lared	85	Q	Ω	2	R	Q	9	9	2	9	9	Q	Q	N _O
r dec	84	Q	9	Q	S	Q.	Q	9	9	9	9	8	Q	Q
nal o	83	Q	Q	9	9	2	9	Q.	S.	S	9	N	S	S
nctio	82	9	Q	9	2	9	Q	2	2	2	9	2	2	Q
Results per functional or declared unit	181	Q	9	Q	Q	2	Q	R	Q.	Q	Q	<u>N</u>	Q	Q
Resi	A5	Q	Q	Q	Q	Q	N Q	N	QN	Q	Q	Q	9	Q
	A4	9	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
	A1-A3	2,38E+00	5,34E-02	6,88E-04	2,43E+00	1,24E-08	1,22E-02	1,40E-03	2,20E-03	2,56E-02	8,79E-03	1,96E-06	2,24E+03	8,32E-01
	Unit	kg CO 2 ekv.	kg CFC 11 ekv.	mol H * ekv.	kg P ekv.	kg N ekv.	mol N ekv.	kg NMVOC ekv.	kg Sb ekv.	MJ	E E			
	Indicator	GWP-fosil	GWP-biogenic	GWP- fuluc	GWP - total	ООР	AP	EP-freshwater	EP- marine	EP - terrestrial	POCP	ADP- minerals& metals*	ADP-fosil*	WDP*

Acronyms

GWP-fossil = Global Warming Potential fossil fuels; GWP-biogenic = Global Warming Potential biogenic; GWP-luluc= Global Warming Potential land use and land use change; ODP = Depletion potential of the stratespheric ozne layer, AP = Acidification potential, Accumulated Exceedance; EP-freshwater = Eutrophication potential, fraction of nutrients reaching marine end compartment; EP-marine = Eutrophication potential, fraction of nutrients reaching marine end compartment; EP-terestrial = Eutrophication potential, Accumulated Exceedance; POCP = Formation potential of tropospheric ozone; ADP-minerals&metals = Abiotic depletion potential for non-fossil resources; ADP-fossil = Abiotic depletion for fossil resources to tential; WDP = Water (user) deprivation potential, deprivation-weighted water consumption

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



Additional mandatory and voluntary impact category indicators

The second second			Section and the second	Res	Results per functional or declared unit	unctic	nal c	or dec	lared	and a						The state of the s
Indicator	Unit	A1-A3	A4	A5	19	82	B3	B4	85	B6	B7	5	C2	8	2	٥
GWP-GHG1	kg CO 2 ekv.	2,38E+00	N	Q	S	R	9	Q	2	2	Q	Q	Q.	ND	Q	Q
PM	Disease incidence	8,22E-08	Q	Q	2	9	P	Q.	S	Q	Q	Q.	Q	Q	Q	Q
IRP	kBq U235 ekv.	4,10E-01	Q	Q	N Q	8	2	9	2	2	9	N D	Q	Q	Q.	Q
ETP. fw	СТИе	2,12E+01	Q	Q	Q	N N	S	Q	Q	Q.	Q	Ω	Q	Q	Q	QN
нТР-с	CTUh	5,09E-10	Q	Q	Q	9	9	Q	Q.	Q	Q	Q	QN	QN	QN	QN
HTP-nc	CTUh	1,07E-08	Q	S	Q	N _O	9	Q.	Q.	Q.	Q	Q	Q	Q	Q.	Q
SQP	dimensionless	2,13E+00	Q	S	N	2	2	S	P	Q	Q	Q	Q	Q	Q	Q
Acronyms	GWP-GHG = this in the GWP-total exceptor fw = Potential Comquality index	GWP-GHG = this Indicator includes all greenhouse gases except biogenic uptake and emissions of carbon dioxide and biogenic carbon stored in the product, as such the indicator is identical to GWP-total exceptifination of the product as such the indicator is identical to GWP-total exceptifination of the construction of the second of disease due to PM emissions, IMP = Potential indicator is a possible of the construction of t	reenhouse ga genic CO 2 is s or ecosystems	ses exce et to zer , HTP-c	apt blogenicu o, PM = Pote = Potential C	uptake a untalin ompara	and em cldence ative To	issions of dis	ofcar ease d it for hu	bon die ue to F umens	oxide and Memiss HTP-nc	biogeniccarbo lons, IRP = Pote = Potential Cor	n stored in the p ential Human exi mparative Toxic	orduct as suc posure efficien Unit for huma	ses except biogenic uptake and emissions of carbon dioxide and biogenic carbon stored in the product, as such the indicator is identical to zero, PM = Potential Human exposure efficiency relative to U235, ETP HTP-c = Potential Foundative Toxic Unit for humans, SQP = Potential Soi	dentical 35, ETP- ntial soil

¹ This indicator accounts for all greenhouse gases except biogenic carbon dioxide uptake and emissions and biogenic carbon stored in the product. As such, the indicator is identical to GWP-total except that the CF for biogenic CO₂ is set to zero.



Resource use indicators

		The second second			Resul	Results per functional or declared unit	uncti	onal	or de	clared	nult								
Indicator	Unit	A1-A3	A4	A5	20	B2	83	84	82	98	187		5	8		ឌ	2	٥	
PERE	M	1,23E+00	Q	g	Ð	2	8	9	9	2	2	_	Q	ð		Q	9	9	_
PERM	CM	7,17E-02	ND	N	Q	S	8	9	2	2	Q	_	Q	8		ND	Ð	Ø	
PERT	M	1,30E+00	Q	Q	g	2	9	8	2	Q	8		Q	N O		Q	9	<u>N</u>	
PENRE	M	3,84E+01	Ŋ	8	Q	R	8	8	8	9	8		Q	N _O		QN	9	Q	
PENRM	W	4,78E+01	QN	Q	Q	Q	8	8	2	Q.	2		QN	R		QN	Q	Q.	
PENRT	CM	8,62E+01	Q	Q	Q	S	8	2	2	Q.	8		Q	2		QN	Q	S	
SM	kg	0,00E+00	Q	9	S	N N	2	2	2	9	2		Q	8		QN	Q	2	
RSF	M	1,78E-04	Q	ð	Q.	Q	2	9	<u>Q</u>	ð	2		Q	9		QN	2	R	
NRSF	M	0,00E+00	QN	Q.	Q	<u>Q</u>	8	S	2	Q	N		QN	R		Q	2	R	_
FW	E E	3,50E-04	Q	Q.	Q.	2	9	2	2	8	8		Q	2		Q	9	N N	
	PERE = Use	PERE = Use of renewable primary energy excludingrenewable primary energy resources used as raw materials; PERM = Use of renewable primary energy resources used as raw materials;	mary energy.	excludingr	enewable	nimary er	ergy r	esonos	es used	as raw	materiak	S; PER	M=Use of	renewabl	le primary e	snergy resour	ces nsed as	raw mate	rials;

Acronyms

PERT = Total use of renewable primary energy resources; PENRE = Use of non-renewable primary energy resources used as raw materials; PERT = Total use of renewable primary energy resources; PENRE = Use of non-renewable primary energy resources used as raw materials; PENRT = Total use of non-renewable primary energy resources used as raw materials; PENRT = Total use of non-renewable primary energy resources used as raw materials; PENRT = Total use of non-renewable primary energy re-sources; SM = Use of secondary material; RSF = Use of non-renewable secondary fuels; NRSF = Use of non-renewable secondary fuels; PW = Use of non-renewable primary energy resources; SM = Use of non-renewable secondary fuels; PW = Use of non-renewable secondary fuels; PW = Use of non-renewable secondary fuels; PW = Use of non-renewable primary energy resources; SM = Use of non-renewable secondary fuels; PW = Use of non-renewable primary energy resources; SM = Use of non-renewable secondary fuels; PW = Use of non-renewable primary energy resources; SM = Use of non-renewable primary energy renewable primary ener



Additional environmental information - Waste indicators

					Results	Results per functional or declared unit	nctio	nal o	r dec	ared	unit					
Indicator	Unit	A1-A3	A4	A5	20	B2	83	B4	82	98	187	5	8	ឌ	25	Q
Hazardous wash disposed	kg	3,90E-02	Q	Q	Q	<u>N</u>	2	8	2	2	S	Q	Q	Q	Q	9
Non-hazardous wasta disposed	kg	1,61E+00	9	S	Q	Š	8	S	S	2	S	Q.	Q	Q	Q.	Q
Radioactive waste disposed	kg	1,38E-04	Q	Q	<u>N</u>	Q	2	Q	Q	N	2	QN	Q	Q	Q	Q
Additional environmental information - Output	vironme	ntal inform	nation - (flow indicators Results per fund	ow indicators Results per functional or declared unit	S	nalo	r dec	ared	unit					
Indicator	Unit	A1-A3	A4	AS	20	82	B3	28	85	86	18	5	2	ឌ	2	٥
Components for reuse	Κĝ	0,00E+00	Q.	QN	2	S	2	9	8	9	8	Q	Q	Q	Q	Q.
Material for recycling	kg	0,00E+00	Q	A Q	Q	8	2	8	9	9	2	Q	2	Q	QN	Q.
Materials for energy recovery	kg	1,17E-06	Q	Ω	Q.	8	9	9	8	2	8	Q	Q	Q	Q	9
Exported energy, electricity	W	9,11E-04	<u>Q</u>	OZ	Q	<u>Q</u>	8	9	9	2	2	Q	Q	Q	Q	QN
Exported energy, thermal	W	0,00E+00	N	Q.	N	Ω	S	Q.	9	S	9	<u>N</u>	Q	Q	Q	Q

The result tables shall only contain values or the letters "ND" (Not Declared). It is not possible to specify ND for mandatory indicators. ND shall only be used for voluntary parameters that are not quantified because no data is available..



Other environmental performance indicators

Additional environmental information

Given that the product becomes part of the concrete after leaving the factory, the product's service life is determined by the service life of the concrete of which it is an integral part, which is at least 50 years (according to ČSN EN 206+A2 Concrete - Specification, properties, production, and conformity). TREVOS Košťálov s.r.o. has recently purchased a line for recycling waste from production and products, including those that had other uses than STAVON fibers. In the future, they want to use a proportion of recycled material in their products, thereby reducing both the waste generated and the consumption and import of raw materials (polypropylene granulate). This line is currently in the implementation and testing phase, and its positive impact on the environment is not included in the current EPD.

Information related to Sector EPD

Not relevantí

Differences versus previous versions

- This is the first version of the EPD.



References

ČSN ISO 14025:2010 Environmentální značky a prohlášení - Environmentální prohlášení typu III - Zásady a postupy (Environmental labels and declarations - Type III environmental declarations - Principles and procedures)

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OneClick LCA, www.oneclicklca.com

Ecoinvent Centre, www.Ecoinvent.org

Explanatory documents are available from the head of Technical Support of the EPD owner.

a) Pozn. Pokud jako PCR <u>není</u> použita norma CSN EN 15804 je nutné uvést jako základní platné PCR dle kterého bylo EPD zpracováno.

Independent verifi	cation of the declaratio	n and data according to	EN ISO 14025:2010
CEN standard E	N ISO 15804+A2:2019 d	eveloped by CEN serves a	s the basic PCR ^a
	intemal	\boxtimes	external
Third party verifier b:			
Elektrotechnický zkuše	ební ústav, s. p.	Mgr. Miroslav Sedláček	
Pod lisem 129/2, Troja, Czech Republic elektri zkuše ústav		Head of the Certification	
Certification body No. 3 o.p.s.	018 for EPD verification,	accredited by the Czech A	Accreditation Institute,
^a Products category rules ^b Optional for business-to communication (see ISC	o-business communicatio	n, mandatory for business	-to-consumer

This document is a translation of the EPD issued in Czech.in cause of doubt use the Czech version of this EPD as a reference.

Organization:

TREVOS Košťálov s.r.o.

Košťálov 145, 512 02 Košťálov

Česká republika

Tel: +420 481 689 351

Email: trevos@trevos-kostalov.cz Web: https: www.trevos-kostalov.cz

Programme holder:

Ministerstvo životního prostředí Email: info@mzp.cz

ČR

Vršovická 1442/65 100 10 Praha 10, CZ Tel: +420 267 225 226

Web: https: www.mzp.cz



Technický a zkušební ústav

stavební Praha, s.p. pobočka Praha Prosecká 811/76A,

190 00 Praha 9-Prosek, CZ

The document was processed by: Tel.: +420 734 432 077

+420 286 019 438 kopecka@tzus.cz Web: https: www.tzus.cz