Environmental
Product
Declaration

According to ISO14025+EN15804+A2

This declaration is for:
Tescon INVIS

Provided by:
pro clima / MOLL bauökologische Produkte GmbH

MRPI® registration:
1.1.01085.2026

Program operator:
Stichting MRPI®
Publisher:
Stichting MRPI®
www.mrpi.nl

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COMPANY INFORMATION

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PRODUCT

Tescon INVIS

DECLARED UNIT / FUNCTIONAL UNIT

1 Area (m2)

DESCRIPTION OF PRODUCT

Black all-round adhesive tape for interior and exterior use

MRPI® REGISTRATION

1.1.01085.2026

DATE OF THIS ISSUE

28-4-2026

EXPIRY DATE

28-4-2031

SCOPE OF DECLARATION

This MRPI®-EPD certificate is verified by Dr.-Ing. Nikolay Minkov, greentability Ltd.. The LCA study has been done by Antonia Willich & María Díaz Cáceres, brands & values GmbH. The certificate is based on an LCA-dossier according to ISO14025+EN15804+A2. It is verified according to the 'Verification protocol for MRPI LCA project report & EPD 21th of May 2025, V. 5.2'. EPDs of construction products may not be comparable if they do not comply with EN15804+A2. Declaration of SVHC that are listed on the 'Candidate list of Substances of Very High Concern for authorisation' when content exceeds the limits for registration with ECHA.

VISUAL PRODUCT

PROGRAM OPERATOR

Stichting MRPI®
Kingsfordweg 151
1043 GR
Amsterdam

MORE INFORMATION

https://proclima.com/products/connections/adhesive-tapes/tescon-invis

Ing. L. L. Oosterveen MSc. MBA Managing Director MRPI	DEMONSTRATION OF VERIFICATION
	CEN standard EN15804 serves as the core PCR [1]
	Independent verification of the declaration and data according to ISO14025+EN15804+A2 Internal: External: X
	Third party verifier: Dr.-Ing. Nikolay Minkov, greentability Ltd.
	[1] PCR = Product Category Rules

DETAILED PRODUCT DESCRIPTION

TESCON INVIS has the following components:
Backing: special PP fleece; adhesive: water-resistant SOLID adhesive; release film: silicone-coated paper.
Reference service life: 100 years
Applications
Exterior use: Creation of windproof seals for breather membranes (weather-resistive barriers, WRBs) from the pro clima SOLITEX FRONTA series and for roofing underlays. Windproof sealing of wood-based panels as underlays. Airtight taping of on-roof and refurbishment vapour control and airtight membranes.

Interior use: Airtight taping of vapour control and airtight membranes and of airtight wood-based panels.

All taped joints, indoor and outdoor, can be implemented between similar components or else with adjacent structural elements with a smooth, non-mineral surface (e.g. pipe penetrations, roof windows).

Product components	Weight, kg	Post-consumer material, weight-%	Biogenic material, weight-% and kg C/kg
Non-woven and scrim (PP)	0,06	0.0%	0 %- 0 kg C/kg
Additives and adhesives	0,2	0.0%	0 %- 0 kg C/kg
Printing ink	0,0015	0.0%	0 %- 0 kg C/kg
Total product	0,2615	0.0%	0 %- 0 kg C/kg

Description of the manufacturing processes: TESCON INVIS black all-round adhesive tape for interior and exterior use is produced by bonding the backing and adhesive and attaching the release film to create large rolls. These rolls are printed and cut into smaller rolls of tape, which are the sales units. These rolls are then packaged and sent for storage and distribution, first to the central warehouse in Germany, and then all over the world for further sale.

Packaging materials	Weight, kg	Weight-% (relative to the product)	Weight biogenic carbon, [kg C/kg]
Film (PE)	0,021945391	0,050225626	0 kg C/kg
Film (PP)	0,001666667	0,00381444	0 kg C/kg
Cardboard	0,044046296	0,100807173	0,018 kg C/kg
Paper	0,08	0,183093121	0,029 kg C/kg
Pallet	0,027777778	0,063574	0,014 kg C/kg
Total packaging	0,175436131	0,401514361	0,061 kg C/kg
TOTAL Product with packaging	0,436936131	1	0,061 kg C/kg

Biogenic carbon content	Unit (expressed per functional unit)
Biogenic carbon content in product	0 kg C/kg
Biogenic carbon content in accompanying packaging	0,061 kg C/kg

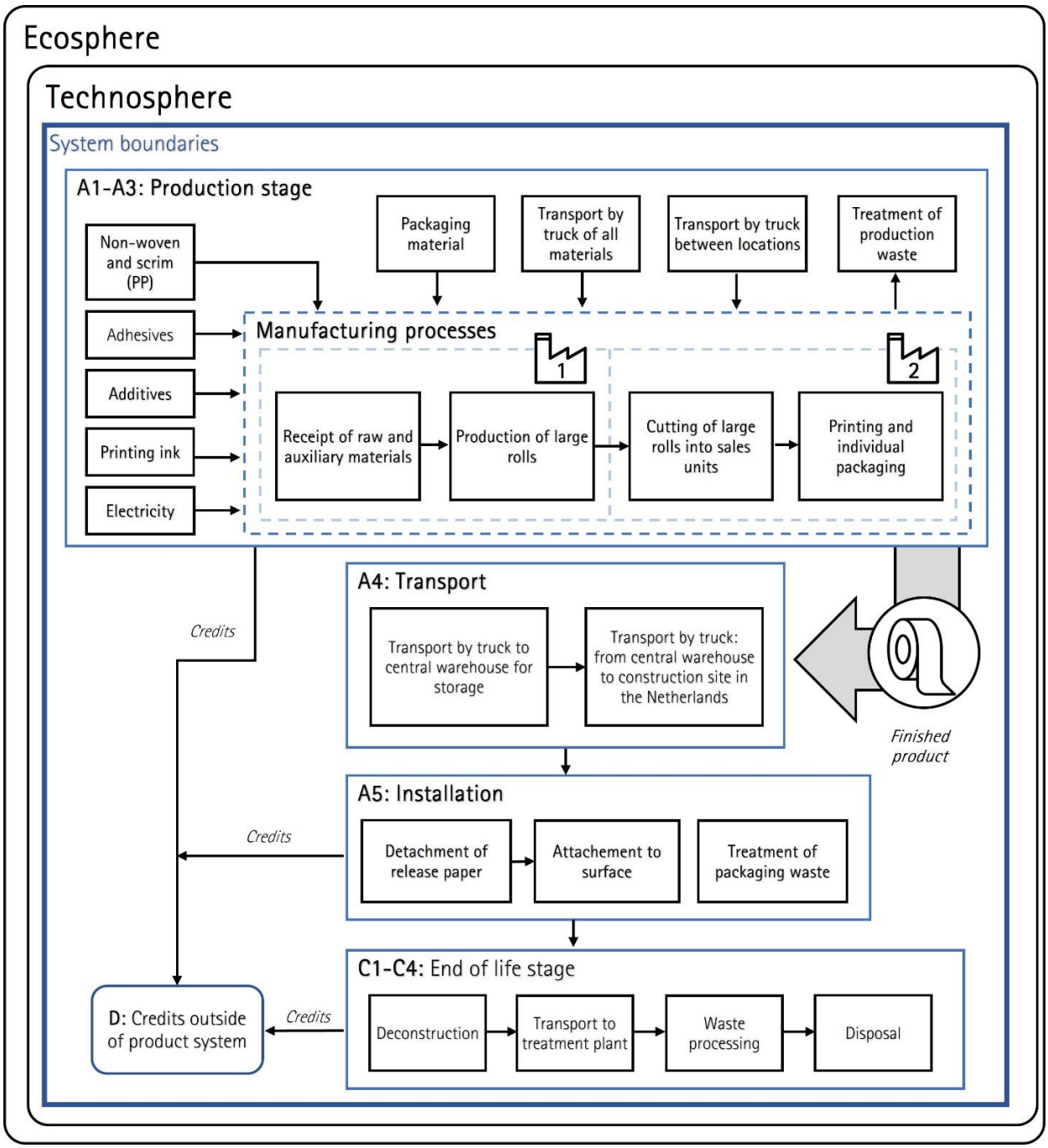
SCOPE AND TYPE

Geographical Scope: Netherlands
The product is manufactured in Germany and subsequently transported to the Netherlands for sale.
End-of-life processes are modelled according to conditions and scenarios applicable to the Netherlands.The software system LCA for Experts (GaBi) version 10.9 was used for the creation of the LCA model. Background datasets from the ecoinvent database (Service Pack 3.9.1, 2022) were applied within the LCA software.
Type of EPD: Specific

PRODUCT STAGE			CONSTRUCTION PROCESS STAGE		USE STAGE							END OF LIFE STAGE				BENEFITS AND LOADS BEYOND THE SYSTEM BOUNDARIES
Raw material supply	Transport	Manufacturing	Transport gate to site	Assembly	Use	Maintenance	Repair	Replacement	Refurbishment	Operational energy use	Operational water use	De-construction demolition	Transport	Waste processing	Disposal	Reuse - Recovery - Recycling potential
A1	A2	A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
x	x	x	x	x	ND	ND	ND	ND	ND	ND	ND	x	x	x	x	x

X = Modules Assessed

ND = Not Declared



REPRESENTATIVENESS

The system boundary of the EPDs is: Cradle to gate with options, modules C1–C4, and module D (A1–A3 + C + D and additional modules A4 and A5)

Manufacturing of the black all-round adhesive tape for interior and exterior use occurs in Germany.
Geographical Scope: Netherlands

ENVIRONMENTAL IMPACT per functional unit or declared unit (core indicators A2)

	Unit	A1	A2	A3	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
GWP-total	kg CO2 eq.	1,40E+00	2,48E-02	2,07E-01	1,64E+00	8,24E-05	2,47E-01	ND	ND	ND	ND	ND	ND	ND	0,00E+00	9,67E-03	6,28E-01	6,44E-04	-6,59E-02
GWP-fossil	kg CO2 eq.	1,39E+00	2,48E-02	2,07E-01	1,62E+00	8,23E-05	2,30E-02	ND	ND	ND	ND	ND	ND	ND	0,00E+00	9,67E-03	6,27E-01	6,44E-04	-6,49E-02
GWP-biogenic	kg CO2 eq.	8,47E-03	7,93E-06	5,05E-05	8,53E-03	2,62E-08	2,24E-01	ND	ND	ND	ND	ND	ND	ND	0,00E+00	3,10E-06	1,82E-04	6,54E-08	-9,17E-04
GWP-luluc	kg CO2 eq.	4,91E-03	1,21E-05	2,99E-05	4,96E-03	4,00E-08	3,74E-06	ND	ND	ND	ND	ND	ND	ND	0,00E+00	4,73E-06	1,19E-04	1,37E-08	-5,45E-05
ODP	kg CFC11 eq.	2,36E-08	5,42E-10	6,50E-09	3,07E-08	1,80E-12	3,00E-10	ND	ND	ND	ND	ND	ND	ND	0,00E+00	2,12E-10	3,30E-08	1,77E-12	-3,74E-09
AP	mol H+ eq.	6,92E-03	1,03E-04	3,25E-04	7,35E-03	4,68E-07	6,10E-05	ND	ND	ND	ND	ND	ND	ND	0,00E+00	4,00E-05	6,73E-04	3,94E-07	-2,70E-04
EP-fresh water	kg P eq.	5,32E-04	1,75E-06	5,66E-05	5,90E-04	5,77E-09	1,20E-06	ND	ND	ND	ND	ND	ND	ND	0,00E+00	6,81E-07	1,37E-04	4,14E-09	-5,22E-06
EP-marine	kg N eq.	1,37E-03	3,92E-05	8,52E-05	1,49E-03	1,97E-07	3,71E-05	ND	ND	ND	ND	ND	ND	ND	0,00E+00	1,53E-05	1,71E-04	2,43E-06	-7,36E-05
EP-terrestrial	mol N eq.	1,27E-02	4,18E-04	8,24E-04	1,39E-02	2,12E-06	2,87E-04	ND	ND	ND	ND	ND	ND	ND	0,00E+00	1,63E-04	1,62E-03	1,78E-06	-1,04E-03
POCP	kg NMVOC eq.	5,13E-03	1,50E-04	2,68E-04	5,55E-03	6,86E-07	8,52E-05	ND	ND	ND	ND	ND	ND	ND	0,00E+00	5,86E-05	6,07E-04	8,32E-07	-2,53E-04
ADP-minerals & metals	kg Sb eq.	6,95E-06	8,01E-08	1,80E-07	7,21E-06	2,64E-10	2,38E-08	ND	ND	ND	ND	ND	ND	ND	0,00E+00	3,13E-08	6,23E-07	1,20E-10	-2,76E-06
ADP-fossil	MJ, net calorific value	3,25E+01	3,57E-01	2,03E+00	3,49E+01	1,19E-03	1,08E-01	ND	ND	ND	ND	ND	ND	ND	0,00E+00	1,39E-01	2,50E+00	1,40E-03	-1,20E+00
WDP	m3 world eq. Deprived	1,83E+00	2,16E-03	4,63E-02	1,87E+00	7,16E-06	3,04E-03	ND	ND	ND	ND	ND	ND	ND	0,00E+00	8,44E-04	7,16E-02	7,32E-05	-1,21E-02

GWP-total	=	Global Warming Potential total
GWP-fossil	=	Global Warming Potential fossil fuels
GWP-biogenic	=	Global Warming Potential biogenictotal
GWP-luluc	=	Global Warming Potential land use and land use change
ODP	=	Depletion potential of the stratospheric ozone layer
AP	=	Acidification Potential, Accumulated Exceedence
EP-freshwater	=	Eutrophication Potential, fraction of nutrients reaching freshwater end compartment
EP-marine	=	Eutrophication Potential, fraction of nutrients reaching marine end compartment
EP-terrestrial	=	Eutrophication Potential, Accumulated Exceedence
POCP	=	Formation potential of tropospheric ozone photochemical oxidants
ADP-minerals & metals	=	Abiotic Depletion Potential for non-fossil resources [1]
ADP-fossil	=	Abiotic Depletion for fossil resources potential [1]
WDP	=	Water (user) deprivation potential, deprivation-weighted water consumption [1]

Disclaimer [1]:

- 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 experience with the indicator.

ENVIRONMENTAL IMPACT per functional unit or declared unit (additional indicators A2)

	Unit	A1	A2	A3	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
PM	Disease inci-dence	6,16E-08	1,65E-09	1,92E-09	6,52E-08	7,65E-12	8,61E-10	ND	ND	ND	ND	ND	ND	ND	0,00E+00	6,45E-10	6,89E-09	9,44E-12	-3,23E-09
IRP	kBq U235 eq.	9,34E-02	4,73E-04	1,80E-02	1,12E-01	1,57E-06	2,21E-04	ND	ND	ND	ND	ND	ND	ND	0,00E+00	1,85E-04	8,84E-03	3,50E-06	-2,21E-03
ETP-fw	CTUe	5,57E+00	1,72E-01	1,47E+00	7,21E+00	5,72E-04	1,02E-01	ND	ND	ND	ND	ND	ND	ND	0,00E+00	6,71E-02	7,66E+00	9,24E-04	-1,19E-01
HTP-c	CTUh	6,35E-10	1,19E-11	7,24E-11	7,20E-10	5,69E-14	3,37E-11	ND	ND	ND	ND	ND	ND	ND	0,00E+00	4,64E-12	2,84E-10	4,20E-14	-4,01E-11
HTP-nc	CTUh	1,21E-08	2,22E-10	1,31E-09	1,37E-08	9,38E-13	2,74E-10	ND	ND	ND	ND	ND	ND	ND	0,00E+00	8,67E-11	2,45E-09	1,26E-12	-8,13E-10
SQP	-	2,93E+01	2,10E-01	1,73E-01	2,96E+01	6,95E-04	6,66E-02	ND	ND	ND	ND	ND	ND	ND	0,00E+00	8,21E-02	3,95E-01	3,42E-03	-3,28E+00

PM = Potential incidence of disease due to PM emissions
IRP = Potential Human exposure efficiency relative to U235 [1]
ETP-fw = Potential Comparative Toxic Unit for ecosystems [2]
HTP-c = Potential Comparative Toxic Unit for humans, cancer [2]
HTP-nc = Potential Comparative Toxic Unit for humans, non-cancer [2]
SQP = Potential soil quality index [2]

Disclaimer [1]:

- 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.

Disclaimer [2]:

- 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 experience with the indicator.

OUTPUT FLOWS AND WASTE CATEGORIES per functional unit or declared unit (A1 en A2)

	Unit	A1	A2	A3	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
HWD	kg	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	ND	ND	ND	ND	ND	ND	ND	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
NHWD	kg	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	ND	ND	ND	ND	ND	ND	ND	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
RWD	kg	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	ND	ND	ND	ND	ND	ND	ND	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
CRU	kg	0,00E+00	0,00E+00	8,34E-02	8,34E-02	0,00E+00	0,00E+00	ND	ND	ND	ND	ND	ND	ND	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
MFR	kg	0,00E+00	0,00E+00	4,70E-04	4,70E-04	0,00E+00	4,52E-02	ND	ND	ND	ND	ND	ND	ND	0,00E+00	0,00E+00	3,00E-03	0,00E+00	0,00E+00
MER	kg	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	ND	ND	ND	ND	ND	ND	ND	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EEE	MJ	0,00E+00	0,00E+00	2,44E-01	2,44E-01	0,00E+00	2,27E-01	ND	ND	ND	ND	ND	ND	ND	0,00E+00	0,00E+00	1,08E+00	0,00E+00	9,67E-04
ETE	MJ	0,00E+00	0,00E+00	4,21E-01	4,21E-01	0,00E+00	3,98E-01	ND	ND	ND	ND	ND	ND	ND	0,00E+00	0,00E+00	1,86E+00	0,00E+00	1,67E-03

HWD = Hazardous Waste Disposed
NHWD = Non Hazardous Waste Disposed
RWD = Radioactive Waste Disposed
CRU = Components for reuse
MFR = Materials for recycling
MER = Materials for energy recovery
EEE = Exported Electrical Energy
ETE = Exported Thermal Energy

RESOURCE USE per functional unit or declared unit (A1 and A2)

	Unit	A1	A2	A3	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
PERE	MJ	5,73E+00	5,50E-03	2,63E-02	5,77E+00	1,82E-05	2,28E+00	ND	ND	ND	ND	ND	ND	ND	0,00E+00	2,14E-03	1,04E-01	6,03E-05	-7,61E-01
PERM	MJ	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	-2,28E+00	ND	ND	ND	ND	ND	ND	ND	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PERT	MJ	5,73E+00	5,50E-03	2,63E-02	5,77E+00	1,82E-05	2,97E-03	ND	ND	ND	ND	ND	ND	ND	0,00E+00	2,14E-03	1,04E-01	6,03E-05	-7,61E-01
PENRE	MJ	3,25E+01	3,57E-01	2,03E+00	3,49E+01	1,19E-03	1,06E+00	ND	ND	ND	ND	ND	ND	ND	0,00E+00	1,39E-01	9,58E+00	2,52E-01	-1,20E+00
PENRM	MJ	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	-9,48E-01	ND	ND	ND	ND	ND	ND	ND	0,00E+00	0,00E+00	-7,08E+00	-2,51E-01	0,00E+00
PENRT	MJ	3,25E+01	3,57E-01	2,03E+00	3,49E+01	1,19E-03	1,08E-01	ND	ND	ND	ND	ND	ND	ND	0,00E+00	1,39E-01	2,50E+00	1,40E-03	-1,20E+00
SM	kg	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	ND	ND	ND	ND	ND	ND	ND	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
RSF	MJ	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	ND	ND	ND	ND	ND	ND	ND	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
NSRF	MJ	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	ND	ND	ND	ND	ND	ND	ND	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
FW	m3	4,25E-02	5,04E-05	1,08E-03	4,36E-02	1,67E-07	7,08E-05	ND	ND	ND	ND	ND	ND	ND	0,00E+00	1,97E-05	1,67E-03	1,70E-06	-2,81E-04

PERE = Use of renewable primary energy excluding renewable primary energy 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 resources excluding non-renewable 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 materials
RSF = Use of renewable secondary fuels
NSRF = Use of non-renewable secondary fuels
FW = Use of net fresh water

BIOGENIC CARBON CONTENT per functional unit or declared unit (A1 and A2)

	Unit	A1	A2	A3	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
BBCpr	kg C	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	ND	ND	ND	ND	ND	ND	ND	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
BCCpa	kg C	0,00E+00	0,00E+00	0,00E+00	-6,10E-02	0,00E+00	6,10E-02	ND	ND	ND	ND	ND	ND	ND	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00

BCCpr = Biogenic carbon content in product
BCCpa = Biogenic carbon content in packaging

CALCULATION RULES

The reference year of this study is 2023. The LCA was carried out in accordance with the requirements and guidelines of the NMD "Bepalingsmethode Milieuprestatie Bouwwerken" (Environmental Performance Assessment Method for Construction Works) (version 1.2, January 2025).

Cut-off criteria:
The impact associated with the disregarded mass shares is less than 5% of the impact categories per module. In addition, less than 1% of the total mass and the primary energy used is cut off. No substances or processes with high environmental relevance were cut off. Equipment and infrastructure required in production are not included in this LCA. An attempt was made to take into account all data collected in the operational data collection. Thus, material flows with a mass fraction of less than one percent were also balanced.

The data quality of the relevant datasets was assessed using EN 15804+A2, Annex E, Table E.2. The two datasets with the highest contribution to the core indicators are from ecoinvent 3.9.1: the RER butyl acrylate production, contributing between 10 % and 95 % to the core indicators, and the Europe without Switzerland treatment of hazardous waste, hazardous waste incineration, contributing between 8 % and 26 % to the core indicators.
The dataset RER butyl acrylate production was assessed with an overall data quality score of 1.67, corresponding to "good". The dataset Europe without Switzerland treatment of hazardous waste, hazardous waste incineration was assessed with an overall data quality score of 2.00, corresponding to "good".

Data collection:
The software system LCA for Experts (GaBi) version 10.9 was used the LCA model. The entire manufacturing process was modelled as far as possible using the manufacturer-specific data. For the upstream and downstream processes, generic background data sets were used. Background datasets from the ecoinvent database (Service Pack 3.9.1, 2022) were applied within the LCA software.

Approach Power Mix: The location-based approach was applied using the residual electricity mix. Electricity is the only energy carrier used in modules A1-A3. The ecoinvent 3.9.1 dataset "Electricity, medium voltage, residual mix, DE" with a reference year of 2022 was used. The residual mix represents the electricity mix of untracked consumption, i.e. electricity consumption not explicitly tracked through mechanisms such as Guarantees of Origin (GO), calculated based on statistics from AIB (2022) following the methodology of grexel (2020). The composition of the residual mix is 9.22 % renewable, 17.02 % nuclear and 73.76 % fossil. The GWP-total of the electricity dataset is 0.705 kg CO_2 eq./kWh.

SCENARIOS AND ADDITIONAL TECHNICAL INFORMATION

Production, A1-A3
For the modelling of the raw material extraction up to the production of the precursors (A1), generic data sets are used, which already include the system boundaries (cradle to gate) for the input materials. Transports (A2) are covered by generic data sets, the system boundary for truck transports is on the input side for the upstream processes of the fuels and on the output side for the emissions caused (exhaust gases). The manufacturing phase (A3) is modelled with manufacturer-specific material and energy data, whereby the upstream chains of the energy flows are again modelled using generic data sets.

Technical specifications for TESCON INVIS	Property	Regulation	Value
	Colour	N/A	Black
	Outdoor exposure	N/A	6 months
	Bond durability, non-aged/aged	DIN 4108-11	Passed
	Can be plastered over	N/A	Yes
	Installation temperature	N/A	Above -10 °C ; 14 °F
	Temperature resistance	N/A	Permanent -40 °C to 90 °C ; -40 °F to 194 °F
	Storage	N/A	Cool and dry

Construction and Installation, A4-A5
Module A4 accounts for the environmental impacts of transportation from the production gate to the construction site. The system boundary for truck transports is on the input side for the upstream processes of the fuels and on the output side for the emissions caused (exhaust gases). In module A5, the packaging resulting from the product's installation on the construction site is sent for waste treatment. The transport expenses for disposal are also considered in module A5, and the credits from waste recycling are in module D.

End-of-life, C1-C4
In module C2, the transports to the disposal processes are considered. The system boundary for truck transports lies on the input side with the upstream processes of the fuels and on the output side with the emissions caused (exhaust gases).
Module C3 contains the necessary processes for waste treatment at the end of the product life cycle. The loads for waste treatment are mapped here until the end of the waste property is reached. Emissions are assigned to module C3. Resulting credits are assigned to module D. Module C4 describes the expenses for the disposal of the product or its components if material or energy recovery or reuse is not possible.

DECLARATION OF SVHC

None of the substances in the product are on the 'Candidate List of Substances of Very High Concern for Authorization' (SVHC) or exceed the threshold value of the European Chemicals Agency.

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