Environmental
Product
Declaration

According to ISO14025+EN15804+A2

This declaration is for:
Senso Floor

Provided by:
Dutch Design Netherlands B.V. (Senso)

MRPI® registration:
1.1.00857.2025

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

Date of first issue:
23-6-2025
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COMPANY INFORMATION

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PRODUCT

Senso Floor

DECLARED UNIT / FUNCTIONAL UNIT

1 Mass (kg)

DESCRIPTION OF PRODUCT

Senso floors are high-quality, seamless floor systems based on renewable raw materials.

MRPI® REGISTRATION

1.1.00857.2025

DATE OF THIS ISSUE

23-6-2025

EXPIRY DATE

23-6-2030

VISUAL PRODUCT

SCOPE OF DECLARATION

This MRPI®-EPD certificate is verified by Martijn van Hövell, SGS Search. The LCA study has been done by Gert-Jan Vroege, Eco-Intelligence. The certificate is based on an LCA-dossier according to ISO14025+EN15804+A2. It is verified according to the 'MRPI®-EPD verification protocol November 2020.v4.0'. 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.

PROGRAM OPERATOR

Stichting MRPI®

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1043 GR

Amsterdam

MORE INFORMATION

https://senso.com/

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 an data according to ISO14025+EN15804+A2 Internal: External: X
	Third party verifier: Martijn van Hövell, SGS Search
	[1] PCR = Product Category Rules

DETAILED PRODUCT DESCRIPTION (PART 1)

Senso floors are high-quality, seamless floor systems based on renewable raw materials. The main components include hydrogenated castor oil, resin, filler material, and pigments. Thanks to the use of castor oil—a bio-based, rapidly renewable resource—Senso floors offer a sustainable alternative to traditional synthetic flooring systems.

The flooring system can be produced in almost any colour, and various pigments or pigment mixtures can be added to create custom effects, such as marbling, concrete aesthetics, or fluid transitions between shades. This makes Senso floors particularly suitable for architecturally demanding and design-oriented spaces.

Senso floors are applied in multiple layers. This layered system ensures excellent adhesion, mechanical resilience, and visual depth. The final surface is both elastic and comfortable underfoot, making it ideal for residential spaces, offices, healthcare environments, retail interiors, and hospitality settings.

Before installation, the subfloor must be clean, dry, and levelled to ensure uniform material application. The equalizing of the substrate is necessary for quality assurance, but not included in the scope of this EPD.

The two liquid components of the cast floor system are pre-produced by Herculan and delivered in sealed steel containers. On-site, trained professionals mix and pour the material, spreading it evenly to form a seamless, smooth surface. After curing, a PU coating can be applied for added protection and finish variation (matte to glossy).

Senso floors are compatible with underfloor heating systems and meet stringent requirements for indoor air quality. They are low in volatile organic compounds (VOCs) and are certified for safe use in living and working environments.

Technical data		Unit
Reference service life	15	years
Layer thickness	2,8 - 3	mm
Weight per square meter	3	kg/m2
Suitable for floor heating	yes	
Fire class	CFL / S1	
VOC Emission (AGBB & CDPH)	pass	
Thermal resistance (R) (ISO 8302)	0,147	m2/ KW

DETAILED PRODUCT DESCRIPTION (PART 2)

The EPD includes the application of a thin PU layer as UV protection after the floor has been installed.

Component (> 1%)	(%)
Hydrogenating castor oil (HCO)	30 - 40%
Barium sulphate	30 - 40%
Hexamethyleen-1,6-diisocyanaat (HDI)	20 - 30%
Trifunctional polyol	1 - 10%
Zeolite	1 - 10%
Pigments	1 -10%

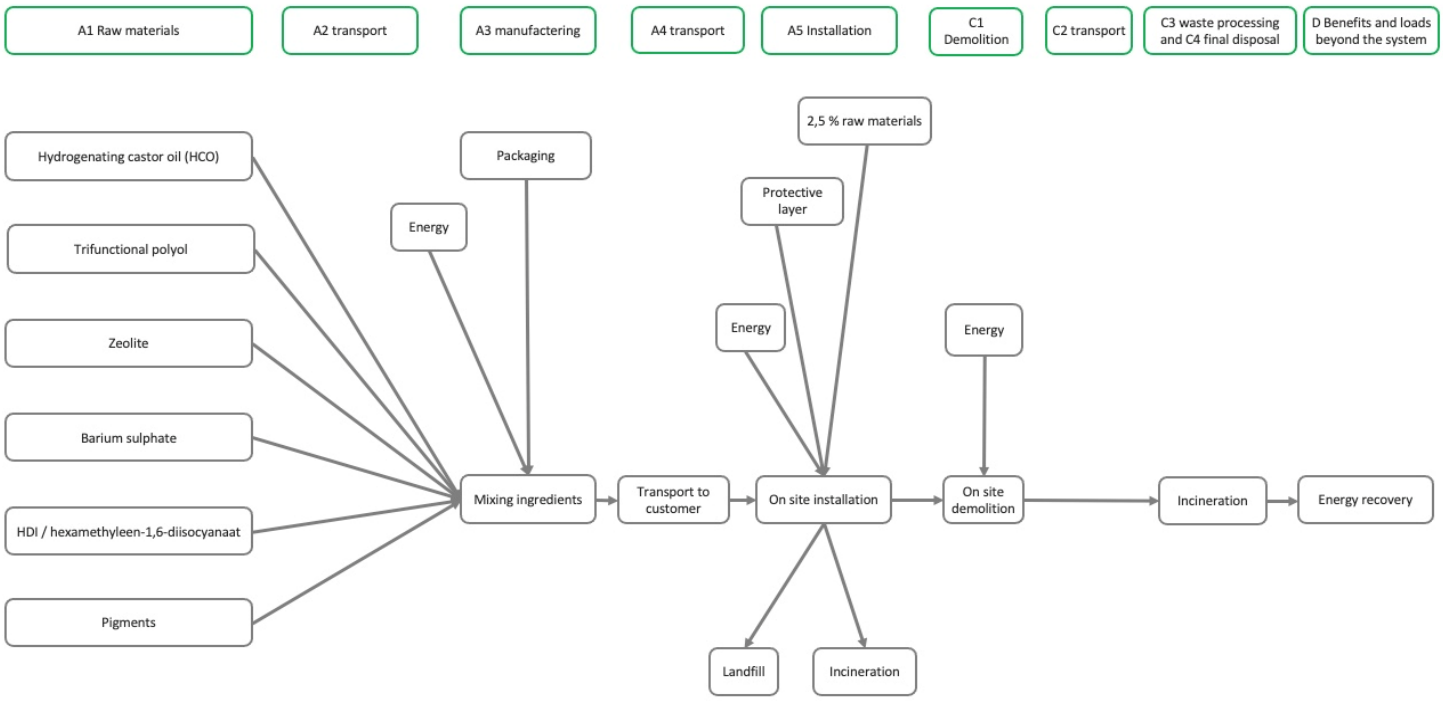
SCOPE AND TYPE

Produced in the Netherlands, for application in Europe

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

This EPD is representative for all colors.

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.	4,50E+00	2,28E-02	5,32E-01	5,05E+00	2,64E-01	3,30E-01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	8,81E-02	1,23E-02	1,06E+00	0,00E+00	-3,36E-01
GWP-fossil	kg CO2 eq.	5,24E+00	2,27E-02	5,15E-01	5,78E+00	2,64E-01	3,17E-01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	8,49E-02	1,22E-02	3,73E-01	0,00E+00	-3,29E-01
GWP-biogenic	kg CO2 eq.	-9,21E-01	0,00E+00	0,00E+00	-9,21E-01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	9,67E-01	0,00E+00
GWP-luluc	kg CO2 eq.	5,11E-01	8,08E-05	4,22E-04	5,12E-01	1,40E-04	1,29E-02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	2,12E-04	5,98E-06	1,86E-05	0,00E+00	-6,73E-04
ODP	kg CFC11 eq.	1,86E-07	4,03E-10	1,87E-08	2,05E-07	5,78E-09	1,21E-08	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	1,62E-09	2,69E-10	1,15E-09	0,00E+00	-1,66E-08
AP	mol H+ eq.	1,46E-01	1,09E-04	4,44E-03	1,51E-01	1,25E-03	4,74E-03	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	4,87E-04	5,72E-05	2,95E-04	0,00E+00	-2,15E-03
EP-fresh water	kg PO4 eq.	7,51E-03	2,26E-07	2,51E-05	7,54E-03	2,35E-06	1,98E-04	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	8,39E-06	1,01E-07	6,51E-07	0,00E+00	-1,62E-05
EP-marine	kg N eq.	5,54E-02	4,13E-05	5,32E-04	5,60E-02	4,92E-04	1,68E-03	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	6,11E-05	2,25E-05	1,30E-04	0,00E+00	-5,65E-04
EP-terrestrial	mol N eq.	5,99E-01	4,40E-04	1,55E-02	6,15E-01	5,31E-03	1,74E-02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	7,13E-04	2,43E-04	1,33E-03	0,00E+00	-8,75E-03
POCP	kg NMVOC eq.	3,53E-02	1,50E-04	2,14E-03	3,76E-02	1,84E-03	1,71E-03	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	2,29E-04	8,49E-05	3,48E-04	0,00E+00	-1,86E-03
ADP-minerals & metals	kg Sb eq.	3,61E-05	7,10E-08	9,27E-06	4,54E-05	9,42E-07	2,98E-06	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	1,03E-06	3,81E-08	7,08E-08	0,00E+00	-2,44E-07
ADP-fossil	MJ, net calorific value	5,93E+01	3,25E-01	6,54E+00	6,62E+01	3,80E+00	4,83E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	1,93E+00	1,77E-01	2,96E-01	0,00E+00	-5,46E+00
WDP	m3 world eq. Deprived	2,61E+00	1,99E-03	1,42E-01	2,75E+00	1,91E-02	2,01E-01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	2,26E-02	8,69E-04	3,38E-02	0,00E+00	-3,20E-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	9,70E-07	2,24E-09	5,26E-08	1,02E-06	2,38E-08	4,25E-08	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	1,55E-09	1,20E-09	2,85E-09	0,00E+00	-2,32E-08
IRP	kBq U235 eq.	9,39E-02	1,27E-04	1,65E-02	1,11E-01	2,27E-03	5,40E-03	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	1,74E-02	9,15E-05	2,00E-04	0,00E+00	-2,09E-02
ETP-fw	CTUe	1,16E+02	2,40E-01	4,64E+00	1,21E+02	1,92E+00	1,20E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	3,25E-01	8,70E-02	1,79E+00	0,00E+00	-9,58E-01
HTP-c	CTUh	3,46E-08	1,20E-11	2,08E-09	3,67E-08	1,48E-10	2,51E-09	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	3,99E-11	6,59E-12	1,33E-10	0,00E+00	-1,95E-10
HTP-nc	CTUh	2,17E-06	2,61E-10	7,01E-09	2,18E-06	2,94E-09	5,77E-08	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	1,59E-09	1,37E-10	4,71E-09	0,00E+00	-5,19E-09
SQP	-	7,17E+02	2,56E-01	2,02E+00	7,19E+02	2,66E+00	1,85E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	3,77E-01	1,33E-01	1,97E-01	0,00E+00	-5,83E+01

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 [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	1,97E-04	2,07E-06	8,08E-05	2,80E-04	2,39E-05	1,27E-05	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	3,39E-06	1,11E-06	1,68E-06	0,00E+00	-1,80E-05
NHWD	kg	7,99E-01	2,15E-02	1,07E-01	9,28E-01	2,22E-01	1,17E-01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	7,77E-03	1,12E-02	5,74E-02	0,00E+00	-2,89E-02
RWD	kg	6,72E-05	7,43E-08	1,24E-05	7,97E-05	1,52E-06	3,81E-06	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	1,39E-05	5,94E-08	1,29E-07	0,00E+00	-1,67E-05
CRU	kg	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
MFR	kg	0,00E+00	0,00E+00	3,54E-04	3,54E-04	0,00E+00	8,85E-06	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
MER	kg	0,00E+00	0,00E+00	4,17E-05	4,17E-05	0,00E+00	1,04E-06	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EEE	MJ	0,00E+00	0,00E+00	4,92E-04	4,92E-04	0,00E+00	1,23E-05	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	2,79E+00	0,00E+00	0,00E+00
ETE	MJ	0,00E+00	0,00E+00	8,45E-04	8,45E-04	0,00E+00	2,11E-05	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	6,91E+00	0,00E+00	0,00E+00

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	2,07E+01	4,59E-03	1,13E+00	2,18E+01	6,92E-02	7,02E-01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	4,33E-01	2,80E-03	1,01E-02	0,00E+00	-1,28E+01
PERM	MJ	1,26E+01	0,00E+00	0,00E+00	1,26E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PERT	MJ	3,33E+01	4,59E-03	1,13E+00	3,44E+01	6,92E-02	7,02E-01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	4,33E-01	2,80E-03	1,01E-02	0,00E+00	-1,28E+01
PENRE	MJ	5,93E+01	3,25E-01	6,62E+00	6,62E+01	3,80E+00	4,83E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	1,93E+00	1,77E-01	2,96E-01	0,00E+00	-5,46E+00
PENRM	MJ	6,02E+00	0,00E+00	0,00E+00	6,02E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	MJ	6,53E+01	3,25E-01	6,62E+00	7,22E+01	3,80E+00	4,83E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	1,93E+00	1,77E-01	2,96E-01	0,00E+00	-5,46E+00
SM	kg	0,00E+00	0,00E+00	1,62E-04	1,62E-04	0,00E+00	4,05E-06	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	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	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	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	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
FW	m3	6,76E-02	8,36E-05	4,55E-03	7,22E-02	6,59E-04	5,06E-03	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	1,58E-03	2,89E-05	9,92E-04	0,00E+00	-2,05E-03

PERE = Use of renewable energy excluding renewable primary energy resources
PERM = Use of renewable 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	3,26E-01	0,00E+00	0,00E+00	3,26E-01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	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	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	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 (PART 1)

Cut off criteria
Some cut-offs were applied to the study. During the manufacturing process, the input of consumables and disposed packaging from the raw materials is cut off from the system boundaries due to lack of data on the composition of waste.

Data quality and data collection period
Specific data was collected from Herculan though a questionnaire, including inquiries about product characteristics and packaging, production information and end-of-life. The data collection period for specific data was the year 2024.

Allocation procedure
To allocate the emissions and inputs to the manufactured products, the decision-hierarchy in ISO 14044 is used (ISO 2006). It is not possible to sub-divide the site data into a more detailed level or find physical causalities between inputs and outputs, thus allocation is done based on mass, considering the annual production of the product at Herculan. The production of the prodcut comprises only of the mixing ingredients. Therefore, the environmental impact is expected to be related to the mass of the products.

SCENARIOS AND ADDITIONAL TECHNICAL INFORMATION (PART 1)

A1. Raw materials supply
This module considers the extraction and processing of all raw materials and energy which occur upstream to the manufacturing process, as well as waste processing up to the end-of waste state.

A2. Transport of raw materials to manufacturer
This includes the transport distance of the raw materials to the manufacturing facility via road.

Transport of raw materials		Unit
Distance for raw materials	460	km
Distance for packaging materials	250	km
Capacity	> 32 t, 64% payload	value

SCENARIOS AND ADDITIONAL TECHNICAL INFORMATION (PART 2)

A3. Manufacturing
This module covers manufacturing and includes all processes linked to production such as storing, mixing, packing and internal transportation. Use of electricity and fuels and auxiliary materials in the production is accounted for.

Data regarding the production was provided for the manufacturing site where the Senso floor are produced in the Netherlands. Primary data and site-specific data was provided for the consumption of utilities and product packaging. The electricity is modelled as 100% renewable using the Ecoinvent 3.10 datasets for wind. For upstream (raw material processes) and downstream processes (application, use, and waste processing) generic data is used when no specific data was available.

The manufacture of production equipment and infrastructure is not included in the system boundary.

A4. Transport to Regional Distribution Centre and customer
All product cans are transported from the production facility into a distribution centre and then finally to the customer or directly to the customer. As no primary data was available for the transporation distances, the default values from the PEFCR for Decorative Paints were used.

Transport to RDC and PoS		Unit
Factory to Regional Distribution Centre	1200	km
Capacity	> 32 t, euro 4	value
Regional Distribution Centre to Point of Sale	250	km
Capacity	3.5-7.5 metric ton	value

SCENARIOS AND ADDITIONAL TECHNICAL INFORMATION (PART 3)

A5. Application and use
This module includes the environmental aspects and impacts associated with the application and of the paint. Mixing energy for application is accounted for. A polyurethane UV layer is included. It is assumed that 2,5% residual material remains in the cans is incinerated in the recycling process of the packaging. In line with PCR for Paint 45% is recycled and 55% is landfilled. Because it is combined in the steel recycling process, no benefits in Module D are taken from the generated heat of the incineration of the resudual material.

C2. Transport to incineration
This module includes one-way transportation distance of the demolition or sorting site to the incineration site.

Transport of EoL waste		Unit
Distance for raw materials	80	km
Capacity	> 32 t, 64% payload	value

SCENARIOS AND ADDITIONAL TECHNICAL INFORMATION (PART 4)

C3. Waste processing and C4. Disposal
The end of life stage is encompassed in these modules. It is assumed that the Senso floor is seperated form the floor and sent to waste processing. The product waste scenarion is 100% incineration, this is In line with PCR Decorative Paint.

D. Benefits and loads beyond the system
The average European energy recovery efficiency as reported by CEWEP are used, which are 15% for electricity and 37,1% for heat.

EoL		Unit
% to Incineration with energy recovery	100	%

DECLARATION OF SVHC

None of the substances contained in the product are listed in the “Candidate List of Substances of Very High Concern for authorisation”, or they do not exceed the threshold with the European Chemicals Agency.

REFERENCES

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

- European Commission, PEFCR Guidance document, - Guidance for the development of Product Environmental Footprint Category Rules (PEFCRs), version 6.3, December 2017.

- ISO 14040/14044 on Life Cycle Assessments

- ISO 14025 Environmental labels and declarations -- Type III environmental declarations

- Product Environmental Footprint Category Rules - Decorative Paints version 1.0, 2018.

- CEWEP energy report III. Scientific & Technical Advisor to CEWEP, Bamberg Dezember, 2012.