

Result summary

# FirstOne Grey (B4)

Pretty Plastic

Calculation number:	EPD-NIBE-20221112-31571
Generation on:	08-02-2023
Issue date:	08-02-2023
Valid until:	08-02-2028
Status:	verified

R<THiNK



## 1 General information

### 1.1 PRODUCT

FirstOne Grey (B4)

### 1.2 VALIDITY

**Issue date** 08-02-2023

**Valid until:** 08-02-2028

### 1.3 OWNER OF THE DECLARATION



**Manufacturer:** Pretty Plastic

**Address:** Karperweg 41, 1075 LB Amsterdam

**E-mail:** info@prettyplastic.nl

**Website:** <https://www.prettyplastic.nl/>

**Production location:** JPI Polymers B.V.

**Address production location:** Retselseweg 11a, 5473 HC Heeswijk Dinther

### 1.4 VERIFICATION OF THE DECLARATION

CEN standard EN 15804 serves as the core PCR. In compliance with ISO 14040:2006 and 14044:2006.

Independent verification of the declaration according to EN ISO 14025:2011-10.

Internal  External

Gert-Jan Vroege, Eco Intelligence

### 1.5 THIS DECLARATION IS BASED ON THE PRODUCT CATEGORY RULES

NMD Determination method Environmental performance Construction works v1.1 March 2022

### 1.6 FUNCTIONAL / DECLARED UNIT

**m2 (Facade cladding)**

Declared unit: square meter (m2)

One square meter of facade cladding including fasteners, mounted on an outside wall.

### 1.7 CONVERSION FACTORS

Description	Value	Unit
Declared unit	1	square meter
Weight per declared unit	24.420	kg
Conversion factor to 1 kg	0.040950	square meter

### 1.8 SCOPE OF DECLARATION AND SYSTEM BOUNDARIES

This is a Cradle to gate with options, modules C1-C4 and module D LCA. The life cycle stages included are as shown below:

(X = module included, ND = module not declared)

# 1 General information

A1	A2	A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
X	X	X	X	X	X	X	X	ND	ND	ND	ND	X	X	X	X	X

## 1.9 COMPARABILITY

In principle, a comparison or assessment of the environmental impacts of different products is only possible if they have been prepared in accordance with EN 15804. For the

evaluation of the comparability, the following aspects have to be considered in particular: PCR used, functional or declared unit, geographical reference, the definition of the system boundary, declared modules, data selection (primary or secondary data, background database, data quality), scenarios used for use and disposal phases, and the life cycle inventory (data collection, calculation methods, allocations, validity period). PCRs and general program instructions of different EPDs programs may differ. Comparability needs to be evaluated. For further guidance, see EN 15804+A2 (5.3 Comparability of EPD for construction products) and ISO 14025 (6.7.2 Requirements for comparability).

## 2 Product

### 2.1 PRODUCT DESCRIPTION

Pretty Plastic tiles are used for ventilated facades for both renovation and newly built facades.

#### SIZE

Height 400 mm

Width 304 mm

Thickness 29 mm

Production tolerances +/-2%

Number of tiles per m<sup>2</sup> 22,2

#### WEIGHT

Weight per tile 1,1 kg

Weight per m<sup>2</sup> 24,4 kg

#### MATERIAL

Post-consumer recycled Polyvinylchlorid (PVC)

Flammability (EN 13501-1:2018) B-s3, d0

### 2.2 DESCRIPTION PRODUCTION PROCESS

#### Production process

1. Raw materials arrive at the factory
2. Raw materials are mixed during the injection molding process and form a homogeneous material
3. Final product forms in the mold using heat, pressure and then cooling
4. Final product is separated from the gates and runners and ejected
5. The gates and runners are disposed separately for recycling
6. 22 tiles are packed per bundle, forty bundles are wrapped per pallet

### 2.3 CONSTRUCTION DESCRIPTION

The tiles are secured to the underlying supporting structure using screws. Pretty Plastic can be drilled without any splinters. The tiles can be sawed with a jigsaw, circular saw or handsaw, without any splinters. Every tile is mounted with one screw for constructions that are not higher than 15 meters. For constructions higher than 15 meters three screws are required.

### 3 Results

#### 3.1 ENVIRONMENTAL IMPACT INDICATORS PER SQUARE METER

##### CORE ENVIRONMENTAL IMPACT INDICATORS EN15804+A2

Abbreviation	Unit	A1	A2	A3	A4	A5	B1	B2	B3	C1	C2	C3	C4	D	Total
AP	mol H+ eqv.	1.46E-3	9.74E-5	1.34E-1	2.87E-3	7.43E-3	0.00E+0	0.00E+0	0.00E+0	0.00E+0	9.56E-4	2.59E-2	0.00E+0	-2.85E-4	1.73E-1
GWP-total	kg CO2 eqv.	2.24E-1	1.68E-2	2.76E+1	4.95E-1	1.79E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	1.65E-1	8.98E+0	0.00E+0	-1.44E-1	3.91E+1
GWP-b	kg CO2 eqv.	-2.99E-4	7.75E-6	-1.29E+0	2.29E-4	-6.42E-2	0.00E+0	0.00E+0	0.00E+0	0.00E+0	7.61E-5	-3.77E-2	0.00E+0	-3.88E-3	-1.40E+0
GWP-f	kg CO2 eqv.	2.24E-1	1.68E-2	2.89E+1	4.95E-1	1.86E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	1.65E-1	9.02E+0	0.00E+0	-1.40E-1	4.05E+1
GWP-luluc	kg CO2 eqv.	3.16E-5	6.15E-6	4.18E-2	1.81E-4	2.20E-3	0.00E+0	0.00E+0	0.00E+0	0.00E+0	6.04E-5	5.12E-3	0.00E+0	1.58E-6	4.94E-2
EP-m	kg N eqv.	1.67E-4	3.43E-5	1.94E-2	1.01E-3	1.24E-3	0.00E+0	0.00E+0	0.00E+0	0.00E+0	3.37E-4	7.14E-3	0.00E+0	-5.45E-5	2.93E-2
EP-fw	kg P eqv.	1.45E-6	1.69E-7	1.90E-3	4.99E-6	9.51E-5	0.00E+0	0.00E+0	0.00E+0	0.00E+0	1.66E-6	1.47E-4	0.00E+0	-2.32E-6	2.15E-3
EP-T	mol N eqv.	1.85E-3	3.78E-4	2.31E-1	1.12E-2	1.45E-2	0.00E+0	0.00E+0	0.00E+0	0.00E+0	3.71E-3	7.82E-2	0.00E+0	-5.43E-4	3.41E-1
ODP	kg CFC11 eqv.	1.49E-7	3.71E-9	4.87E-6	1.09E-7	2.32E-7	0.00E+0	0.00E+0	0.00E+0	0.00E+0	3.64E-8	6.56E-7	0.00E+0	-7.49E-8	5.98E-6
POCP	kg NMVOC eqv.	6.76E-4	1.08E-4	7.10E-2	3.18E-3	4.50E-3	0.00E+0	0.00E+0	0.00E+0	0.00E+0	1.06E-3	2.53E-2	0.00E+0	-2.57E-4	1.06E-1
ADP-f	MJ	9.27E+0	2.53E-1	5.74E+2	7.47E+0	3.10E+1	0.00E+0	0.00E+0	0.00E+0	0.00E+0	2.49E+0	8.86E+1	0.00E+0	-3.48E+0	7.09E+2
ADP-mm	kg Sb- eqv.	2.20E-6	4.25E-7	2.80E-4	1.25E-5	1.69E-5	0.00E+0	0.00E+0	0.00E+0	0.00E+0	4.17E-6	1.11E-4	0.00E+0	-2.26E-6	4.25E-4
WDP		8.72E-3	9.06E-4	1.22E+1	2.67E-2	6.05E-1	0.00E+0	0.00E+0	0.00E+0	0.00E+0	8.89E-3	1.72E+0	0.00E+0	-2.82E-1	1.43E+1

**AP**=Acidification (AP) | **GWP-total**=Global warming potential (GWP-total) | **GWP-b**=Global warming potential - Biogenic (GWP-b) | **GWP-f**=Global warming potential - Fossil (GWP-f) | **GWP-luluc**=Global warming potential - Land use and land use change (GWP-luluc) | **EP-m**=Eutrophication marine (EP-m) | **EP-fw**=Eutrophication, freshwater (EP-fw) | **EP-T**=Eutrophication, terrestrial (EP-T) | **ODP**=Ozone depletion (ODP) | **POCP**=Photochemical ozone formation - human health (POCP) | **ADP-f**=Resource use, fossils (ADP-f) | **ADP-mm**=Resource use, minerals and metals (ADP-mm) | **WDP**=Water use (WDP)

### 3 Results

Abbreviation	Unit	A1	A2	A3	A4	A5	B1	B2	B3	C1	C2	C3	C4	D	Total
	m3														
	world														
	eqv.														

**AP**=Acidification (AP) | **GWP-total**=Global warming potential (GWP-total) | **GWP-b**=Global warming potential - Biogenic (GWP-b) | **GWP-f**=Global warming potential - Fossil (GWP-f) | **GWP-luluc**=Global warming potential - Land use and land use change (GWP-luluc) | **EP-m**=Eutrophication marine (EP-m) | **EP-fw**=Eutrophication, freshwater (EP-fw) | **EP-T**=Eutrophication, terrestrial (EP-T) | **ODP**=Ozone depletion (ODP) | **POCP**=Photochemical ozone formation - human health (POCP) | **ADP-f**=Resource use, fossils (ADP-f) | **ADP-mm**=Resource use, minerals and metals (ADP-mm) | **WDP**=Water use (WDP)

#### ADDITIONAL ENVIRONMENTAL IMPACT INDICATORS EN15084+A2

Abbreviation	Unit	A1	A2	A3	A4	A5	B1	B2	B3	C1	C2	C3	C4	D	Total
ETP-fw	CTUe	5.16E+0	2.26E-1	4.82E+2	6.66E+0	2.72E+1	0.00E+0	0.00E+0	0.00E+0	0.00E+0	2.22E+0	9.65E+1	0.00E+0	-1.05E+0	6.19E+2
PM	disease incidence	3.49E-8	1.51E-9	5.84E-7	4.45E-8	4.92E-8	0.00E+0	0.00E+0	0.00E+0	0.00E+0	1.48E-8	4.47E-7	0.00E+0	-1.71E-9	1.17E-6
HTP-c	CTUh	4.97E-11	7.33E-12	1.22E-8	2.16E-10	1.03E-9	0.00E+0	0.00E+0	0.00E+0	0.00E+0	7.19E-11	9.53E-9	0.00E+0	-5.89E-11	2.31E-8
HTP-nc	CTUh	1.74E-9	2.47E-10	2.90E-7	7.28E-9	1.92E-8	0.00E+0	0.00E+0	0.00E+0	0.00E+0	2.42E-9	1.33E-7	0.00E+0	-2.27E-10	4.53E-7
IR	kBq U235 eqv.	4.01E-2	1.06E-3	3.31E+0	3.13E-2	1.73E-1	0.00E+0	0.00E+0	0.00E+0	0.00E+0	1.04E-2	2.67E-1	0.00E+0	-2.70E-3	3.83E+0
SQP	Pt	1.16E+0	2.20E-1	2.62E+2	6.47E+0	1.61E+1	0.00E+0	0.00E+0	0.00E+0	0.00E+0	2.16E+0	7.11E+1	0.00E+0	1.05E-1	3.59E+2

**ETP-fw**=Ecotoxicity, freshwater (ETP-fw) | **PM**=Particulate Matter (PM) | **HTP-c**=Human toxicity, cancer (HTP-c) | **HTP-nc**=Human toxicity, non-cancer (HTP-nc) | **IR**=Ionising radiation, human health (IR) | **SQP**=Land use (SQP)

#### CLASSIFICATION OF DISCLAIMERS TO THE DECLARATION OF CORE AND ADDITIONAL ENVIRONMENTAL IMPACT INDICATORS

ILCD classification	Indicator	Disclaimer
ILCD type / level 1	Global warming potential (GWP)	None
	Depletion potential of the stratospheric ozone layer (ODP)	None
	Potential incidence of disease due to PM emissions (PM)	None
ILCD type / level 2	AAcidification potential, Accumulated Exceedance (AP)	None
		None

### 3 Results

ILCD classification	Indicator	Disclaimer
ILCD type / level 3	Eutrophication potential, Fraction of nutrients reaching freshwater end compartment (EP-freshwater)	
	Eutrophication potential, Fraction of nutrients reaching marine end compartment (EP-marine)	None
	Eutrophication potential, Accumulated Exceedance (EP-terrestrial)	None
	Formation potential of tropospheric ozone (POCP)	None
	Potential Human exposure efficiency relative to U235 (IRP)	1
	Abiotic depletion potential for non-fossil resources (ADP-minerals&metals)	2
	Abiotic depletion potential for fossil resources (ADP-fossil)	2
	Water (user) deprivation potential, deprivation-weighted water consumption (WDP)	2
	Potential Comparative Toxic Unit for ecosystems (ETP-fw)	2
	Potential Comparative Toxic Unit for humans (HTP-c)	2
	Potential Comparative Toxic Unit for humans (HTP-nc)	2
	Potential Soil quality index (SQP)	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 disposal in underground facilities. Potential ionizing radiation from the soil, from radon and from some construction materials is also not measured by this indicator.

**Disclaimer 2** – The results of this environmental impact indicator shall be used with care as the uncertainties on these results are high or as there is limited experienced with the indicator.

#### CORE ENVIRONMENTAL IMPACT INDICATORS EN15804+A1

Abbreviation	Unit	A1	A2	A3	A4	A5	B1	B2	B3	C1	C2	C3	C4	D	Total
ADPE	Kg Sb	2.20E-6	4.25E-7	2.80E-4	1.25E-5	1.69E-5	0.00E+0	0.00E+0	0.00E+0	0.00E+0	4.18E-6	1.11E-4	0.00E+0	-2.26E-6	4.25E-4
GWP	Kg CO2 Equiv.	2.22E-1	1.67E-2	2.86E+1	4.91E-1	1.84E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	1.63E-1	8.89E+0	0.00E+0	-1.37E-1	4.00E+1
ODP	Kg CFC-11 Equiv.	1.18E-7	2.95E-9	5.07E-6	8.71E-8	2.34E-7	0.00E+0	0.00E+0	0.00E+0	0.00E+0	2.90E-8	5.53E-7	0.00E+0	-7.53E-8	6.01E-6

**ADPE**=Depletion of abiotic resources-elements | **GWP**=Global warming | **ODP**=Ozone layer depletion | **POCP**=Photochemical oxidants creation | **AP**=Acidification of soil and water | **EP**=Eutrophication

### 3 Results

Abbreviation	Unit	A1	A2	A3	A4	A5	B1	B2	B3	C1	C2	C3	C4	D	Total
POCP	Kg Ethene Equiv.	1.28E-4	1.00E-5	1.26E-2	2.96E-4	7.66E-4	0.00E+0	0.00E+0	0.00E+0	0.00E+0	9.86E-5	3.99E-3	0.00E+0	-7.40E-5	1.78E-2
AP	Kg SO2 Equiv.	1.26E-3	7.32E-5	1.12E-1	2.16E-3	6.13E-3	0.00E+0	0.00E+0	0.00E+0	0.00E+0	7.18E-4	2.03E-2	0.00E+0	-2.35E-4	1.43E-1
EP	Kg PO43- Equiv.	1.48E-4	1.44E-5	1.48E-2	4.24E-4	8.59E-4	0.00E+0	0.00E+0	0.00E+0	0.00E+0	1.41E-4	3.44E-3	0.00E+0	-2.71E-5	1.98E-2

**ADPE**=Depletion of abiotic resources-elements | **GWP**=Global warming | **ODP**=Ozone layer depletion | **POCP**=Photochemical oxidants creation | **AP**=Acidification of soil and water | **EP**=Eutrophication

#### NATIONAL ANNEX NMD

Abbreviation	Unit	A1	A2	A3	A4	A5	B1	B2	B3	C1	C2	C3	C4	D	Total
ADPF	Kg Sb	4.36E-3	1.22E-4	2.43E-1	3.61E-3	1.33E-2	0.00E+0	0.00E+0	0.00E+0	0.00E+0	1.20E-3	4.30E-2	0.00E+0	-1.69E-3	3.07E-1
HTP	kg 1.4 DB	1.11E-1	7.01E-3	8.22E+0	2.07E-1	7.85E-1	0.00E+0	0.00E+0	0.00E+0	0.00E+0	6.88E-2	8.30E+0	0.00E+0	-3.08E-2	1.77E+1
FAETP	kg 1.4 DB	3.06E-3	2.05E-4	2.32E-1	6.03E-3	1.55E-2	0.00E+0	0.00E+0	0.00E+0	0.00E+0	2.01E-3	9.83E-2	0.00E+0	-9.89E-5	3.58E-1
MAETP	kg 1.4 DB	1.03E+1	7.36E-1	7.00E+2	2.17E+1	4.38E+1	0.00E+0	0.00E+0	0.00E+0	0.00E+0	7.22E+0	2.46E+2	0.00E+0	6.06E-2	1.03E+3
TETP	kg 1.4 DB	1.66E-4	2.48E-5	5.68E-2	7.30E-4	3.95E-3	0.00E+0	0.00E+0	0.00E+0	0.00E+0	2.43E-4	2.71E-2	0.00E+0	2.45E-4	8.92E-2

**ADPF**=Depletion of abiotic resources-fossil fuels | **HTP**=Human toxicity | **FAETP**=Ecotoxicity, fresh water | **MAETP**=Ecotoxicity, marine water (MAETP) | **TETP**=Ecotoxicity, terrestrial



### 3 Results

#### 3.2 INDICATORS DESCRIBING RESOURCE USE AND ENVIRONMENTAL INFORMATION BASED ON LIFE CYCLE INVENTORY (LCI)

##### PARAMETERS DESCRIBING RESOURCE USE

Abbreviation	Unit	A1	A2	A3	A4	A5	B1	B2	B3	C1	C2	C3	C4	D	Total
PERE	MJ	3.68E-2	3.17E-3	8.36E+1	9.35E-2	4.17E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	3.11E-2	4.36E+0	0.00E+0	-2.74E-2	9.23E+1
PERM	MJ	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
PERT	MJ	3.68E-2	3.17E-3	8.36E+1	9.35E-2	4.17E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	3.11E-2	4.36E+0	0.00E+0	-2.74E-2	9.23E+1
PENRE	MJ	9.85E+0	2.69E-1	5.88E+2	7.93E+0	3.29E+1	0.00E+0	0.00E+0	0.00E+0	0.00E+0	2.64E+0	9.44E+1	0.00E+0	-2.44E+0	7.34E+2
PENRM	MJ	5.23E+2	0.00E+0	6.35E+1	0.00E+0	2.83E+1	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	-1.34E+0	6.13E+2
PENRT	MJ	5.32E+2	2.69E-1	6.52E+2	7.93E+0	6.12E+1	0.00E+0	0.00E+0	0.00E+0	0.00E+0	2.64E+0	9.44E+1	0.00E+0	-3.78E+0	1.35E+3
SM	Kg	2.43E+1	0.00E+0	1.97E+0	0.00E+0	1.31E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	2.76E+1
RSF	MJ	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
NRSF	MJ	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
FW	M3	2.75E-4	3.09E-5	4.77E-1	9.09E-4	2.40E-2	0.00E+0	0.00E+0	0.00E+0	0.00E+0	3.03E-4	4.79E-2	0.00E+0	-1.59E-3	5.49E-1

**PERE**=renewable primary energy ex. raw materials | **PERM**=renewable primary energy used as raw materials | **PERT**=renewable primary energy total | **PENRE**=non-renewable primary energy ex. raw materials | **PENRM**=non-renewable primary energy used as raw materials | **PENRT**=non-renewable primary energy total | **SM**=use of secondary material | **RSF**=use of renewable secondary fuels | **NRSF**=use of non-renewable secondary fuels | **FW**=use of net fresh water

##### OTHER ENVIRONMENTAL INFORMATION DESCRIBING WASTE CATEGORIES

Abbreviation	Unit	A1	A2	A3	A4	A5	B1	B2	B3	C1	C2	C3	C4	D	Total
HWD	Kg	2.96E-6	6.42E-7	1.27E-3	1.89E-5	6.83E-5	0.00E+0	0.00E+0	0.00E+0	0.00E+0	6.30E-6	1.40E-4	0.00E+0	-3.41E-6	1.51E-3
NHWD	Kg	5.84E-3	1.61E-2	2.47E+0	4.74E-1	3.35E-1	0.00E+0	0.00E+0	0.00E+0	0.00E+0	1.58E-1	4.29E+0	0.00E+0	-3.85E-3	7.75E+0
RWD	Kg	6.57E-5	1.66E-6	2.97E-3	4.90E-5	1.62E-4	0.00E+0	0.00E+0	0.00E+0	0.00E+0	1.63E-5	3.39E-4	0.00E+0	-2.57E-6	3.60E-3

**HWD**=hazardous waste disposed | **NHWD**=non hazardous waste disposed | **RWD**=radioactive waste disposed

### 3 Results

#### ENVIRONMENTAL INFORMATION DESCRIBING OUTPUT FLOWS

Abbreviation	Unit	A1	A2	A3	A4	A5	B1	B2	B3	C1	C2	C3	C4	D	Total
CRU	Kg	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
MFR	Kg	0.00E+0	0.00E+0	1.03E+0	0.00E+0	1.28E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	2.44E+1	0.00E+0	0.00E+0	2.67E+1
MER	Kg	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
EE	MJ	0.00E+0	0.00E+0	9.96E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	9.21E-1	1.09E+1
EET	MJ	0.00E+0	0.00E+0	6.30E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	5.83E-1	6.88E+0
EEE	MJ	0.00E+0	0.00E+0	3.66E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	3.38E-1	4.00E+0

CRU=Components for re-use | MFR=Materials for recycling | MER=Materials for energy recovery | EE=Exported energy | EET=Exported Energy Thermic | EEE=Exported Energy Electric

## 3 Results

### 3.3 INFORMATION ON BIOGENIC CARBON CONTENT PER SQUARE METER

#### BIOGENIC CARBON CONTENT

The following Information describes the biogenic carbon content in (the main parts of) the product at the factory gate per square meter:

Biogenic carbon content	Amount	Unit
Biogenic carbon content in the product	0	kg C
Biogenic carbon content in accompanying packaging	0	kg C

## 3 Results

### 3.4 ENVIRONMENTAL COST INDICATOR NL PER SQUARE METER

Using the environmental cost indicator (ECI) method, which is presented in the NMD Determination Method (2020), the results are aggregated to the single-point score. The ECI is a relevant valuation method, especially in the Dutch construction sector. In the Netherlands, it is a prerequisite for public tenders. The aim of the indicator is to show the shadow price for environmental impacts of a product or project. The application of single-point scores is an additional assessment tool for eco-balance results. However, it must be pointed out that weightings are always based on a value maintenance and not on a scientific basis (EN 14040). The ECI results are shown in the following table.

Module EN15804	ECI NL	Share in total (%)
A1 Raw Materials Supply	€ 0.03	0,6 %
A2 Transport	€ 0.00	0,0 %
A3 Manufacturing	€ 2.89	63,7 %
A4 Transport from the gate to the site	€ 0.06	1,3 %
A5 Construction - Installation process	€ 0.20	4,5 %
B1 Use	€ 0.00	0,0 %
B2 Maintenance	€ 0.00	0,0 %
B3 Repair	€ 0.00	0,0 %
C1 De-construction / demolition	€ 0.00	0,0 %
C2 Transport	€ 0.02	0,4 %
C3 Waste processing	€ 1.35	29,7 %
C4 Disposal	€ 0.00	0,0 %
D Benefits and loads beyond the product system boundary	€ -0.01	-0,2 %
<b>ECI NL per functional unit</b>	<b>€ 4.54</b>	

## 4 Contact information

Publisher	Operator	Owner of declaration
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