

## Product Circularity Data Sheet

### Geobloc

#### Geobloc NF

Geobloc

**PCDS N°:** e17fb28c-0230-44ac-83a8-107320a284af

**Internal ID:** Geobloc NF

Geobloc  
142 rue de Bridel  
7217, Walferdange  
LU

**Email:** r.bigot@neobuild.lu

**Standard - a154d676-e20a-11ee-8f39-842afd0b4983**  
Conformément à la norme ISO 59040

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2. Company info

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### Supplier identification

**Supplier Name :** Geobloc

**Street :** 142 rue de Bridel

**Postal Code :** 7217

**City :** Walferdange

**Country :** LU

**VAT Number :** LU770019605562090000

### Production Site Information

**Production Site Name :** Contern

**Street :** Rue des Chaux

**Postal Code :** 5324

**City :** Contern

**Country :** Luxembourg

**Identification Number :** LU10149131

### PCDS Issuance

**Version Number :** 1

**Issuance Date :** 13/06/2024

**Responsible Name :** Bigot Regis

**Responsible Function :** Manager

**Responsible Email :** r.bigot@neobuild.lu

**Responsible Phone :** +352 621 349 546

### PCDS Revision

**Date :**

**Revised by :**

**Reviser Function :**

**Reviser Email :**

**Reviser Phone :**

**Persistent identifier** <https://doie.org/10.0612/2024749814>

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3. Material Inputs

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### 3.1.0.00 Product composition

3.1.0.04	Threshold at which the product composition is disclosed is $1\% < X \leq 100\%$ .	TRUE	3.1.0.09	Mass fraction of all disclosed chemical substances in the product at the specified threshold is $50\% < X \leq 75\%$ .	TRUE
3.1.0.13	The product composition declaration is available publicly.	FALSE	3.1.1.01	The product composition is validated by a third party.	FALSE
3.1.1.02	The product was awarded an independent certification regarding its product composition.	TRUE			

### 3.2.0.00 Hazardous substances and substances of concern

3.2.0.01	This product contains no known hazardous substances according to the cited reference standards or regulations.	FALSE	3.2.0.02	A declaration of hazardous substances in the product according to the selected cited reference standards or regulations, is available publicly.	FALSE
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### 3.3.0.00 Module Reused content

3.3.1.01	The product contains reused parts.	FALSE	3.3.1.02	Mass fraction of reused parts out of the total product mass is $X = 0\%$ .	TRUE
3.3.1.10	The data on reused content is available publicly.	FALSE			

### 3.4.0.00 Module Recycled materials

3.4.0.06	Mass fraction of pre-consumer recycled materials out of the total product mass is $75\% < X \leq 95\%$ .	TRUE	3.4.0.09	The data on pre-consumer recycled content is available publicly.	FALSE
3.4.0.10	Mass fraction of post-consumer recycled materials out of the total product mass is $X = 0\%$ .	TRUE	3.4.0.18	The data on post-consumer recycled content is available publicly.	FALSE
3.4.1.01	Availability of pre-consumer recycled content composition at the threshold limit of 0,1 % of recycled content mass.	FALSE	3.4.1.02	The data is available publicly (relates to UID 3.4.1.01).	FALSE
3.4.1.03	Availability of post-consumer recycled content composition at the threshold limit of 0,1 % of recycled content mass.	FALSE	3.4.1.04	The data is available publicly (relates to UID 3.4.1.03).	FALSE

### 3.5.0.00 Module Sustainably produced renewable materials

3.5.0.01	Mass fraction of renewable materials out of the total product mass is $X = 0\%$ .	TRUE	3.5.0.09	The data on renewable content is available publicly	FALSE
3.5.1.01	Availability of renewable content composition at the threshold limit of 0,1 % of renewable content mass.	FALSE	3.5.1.02	The data is available publicly (relates to UID 3.5.1.01).	FALSE

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4.Circular production

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### 4.1.1.00 Renewable energy

4.1.1.01	The fraction of renewable energy out of the total production energy mix is $X = 0$ %.	TRUE	4.1.1.11	Renewable energy is purchased from the local utility grid.	FALSE
4.1.1.09	The data on renewable energy is available publicly (relates to UID 4.1.1.01-08).	FALSE	4.1.1.12	Renewable energy in the form of Renewable Energy Credits (RECs) were purchased.	FALSE
4.1.1.10	Renewable energy was generated by (or at) the facility that produces the product.	FALSE			

### 4.2.1.00 Reused or recirculated water

4.2.1.01	The volume fraction of reused or recirculated water used in production is $X = 0$ %.	TRUE	4.2.1.09	The data on reused or recirculated water is available publicly (relates to UID 4.2.1.01-08).	FALSE
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5.Durability & extended  
lifetime

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### 5.1.1.00 Designed for Maintenance & Repair

5.1.1.01	The product is designed to be repaired by a layperson	FALSE	5.1.1.04	The product is designed to be repaired by a manufacturer expert.	FALSE
5.1.1.02	The product is designed to be repaired by a generalist.	FALSE	5.1.1.05	The product is designed to be repaired by an authorized expert.	FALSE
5.1.1.03	The product is designed to be repaired by an expert.	FALSE			
5.1.1.06	The product is not designed to be repaired whatever the skill levels	TRUE	5.1.1.07	The data on the skill level is available publicly (relates to 5.1.1.01-06).	FALSE
5.1.1.08	All priority parts for product repair are made available as spare parts during the intended use period of the product..	TRUE	5.1.1.12	The product can be repaired and upgraded in the same environment where it is used.	TRUE
5.1.1.11	The data on the priority parts is available publicly (relates to 5.1.1.08-10).	TRUE	5.1.1.15	The data on the repair environment is available publicly (relates to 5.1.1.12-4).	FALSE

### 5.2.1.00 Designed for Upgradeability

5.2.1.01	The product is designed to be updated.	FALSE	5.2.1.05	The product will need updates throughout the use in order to continue functioning.	FALSE
5.2.1.02	The data is available publicly (relates to 5.2.1.01).	FALSE	5.2.1.06	The data is available publicly (relates to 5.2.1.05).	FALSE
5.2.1.03	The product is designed to be upgraded.	FALSE	5.2.1.07	The product has been designed with standardized modular connectors.	FALSE
5.2.1.04	The data is available publicly (relates to 5.2.1.03).	FALSE	5.2.1.08	The data is available publicly (relates to 5.2.1.07).	FALSE

### 5.3.1.00 Design for Demounting

5.3.1.01	The product is designed to be physically demounted by using reversible mechanical connectors.	FALSE	5.3.1.03	The product is designed to be chemically demounted by using reversible adhesives under certain conditions.	FALSE
5.3.1.02	The data is available publicly (relates to 5.3.1.01).	FALSE	5.3.1.04	The data is available publicly (relates to 5.3.1.03).	FALSE
5.3.1.10	The mass fraction of the product that is designed to be cleanly removed from the assembly where it is fixed is 75 % < X ≤ 95 %.	TRUE	5.3.1.13	The data is available publicly (relates to 5.3.1.05-12).	FALSE

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5.Durability & extended  
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### 5.4.1.00 Designed for Disassembly

5.4.1.08	The mass fraction of the product designed to be cleanly removed from the total product assembly out of the total product mass is 99 % < X ≤ 100 %.	TRUE	5.4.1.09	The data is available publicly (relates to 5.4.1.01-08).	FALSE
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### 5.5.1.00 Designed for Reuse

5.5.1.01	The product is designed for reuse as is.	FALSE	5.5.1.02	The data is available publicly (relates to 5.5.1.01).	FALSE
5.5.1.03	The typical average rate of reuse of the product type is known.	FALSE	5.5.1.04	The data is available publicly (relates to 5.5.1.03).	FALSE
5.5.1.05	The typical average number of reuse cycles of the product is known.	FALSE	5.5.1.06	The data is available publicly (relates to 5.5.1.05).	FALSE
5.5.1.07	The product is designed to be reused by applying cascading principles to material application.	FALSE			

### 5.6.1.00 Design for Refurbishment

5.6.1.01	The product is designed for refurbishment.	FALSE	5.6.1.02	The data is available publicly (relates to 5.6.1.01).	FALSE
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6.End-of-life product  
circularity

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### 6.1.0.00 Product portion released into the environment during its use

6.1.0.02	The mass fraction of the product known to be released from the product into the environment during use is $0\% < X \leq 10\%$ .	TRUE	6.1.0.09	The data is available publicly (relates to 6.1.0.01-08).	FALSE
6.1.0.10	The portion of the product known to be released is designed for compatibility with the environment that it is released into	TRUE	6.1.0.11	The data is available publicly (relates to 6.1.0.10).	FALSE
6.1.0.12	The mass fraction of the product that can be reused or recycled is calculated by subtracting the portion released into the environment from the original manufactured product.	FALSE	6.1.0.14	The data is available publicly (relates to 6.1.0.13).	FALSE
6.1.0.13	The product is designed to avoid microparticle release that is not compatible with the environment it is released into	TRUE	6.1.0.15	List of parts likely to have wear and tear resulting in a release into the environment is available publicly.	FALSE

### 6.2.0.00 Dismantling

6.2.1.08	The mass fraction of dismantlable components that can have a next use out of the total product mass is $99\% < X \leq 100\%$ .	TRUE	6.2.1.09	The data is available publicly (relates to 6.2.1.01-08).	FALSE
6.2.1.10	Instructions for dismantling the product are available	FALSE	6.2.1.11	The data is available publicly (relates to 6.2.1.10).	FALSE

### 6.3.0.00 Designed for Remanufacturing

6.3.1.01	The product is designed for remanufacturing	FALSE	6.3.1.02	The data is available publicly (relates to 6.2.1.10).	FALSE
6.3.1.03	The traceability of the product is limited due to the loss of identifying marks during product use prior to manufacturing or during manufacturing itself	FALSE			



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6. End-of-life product  
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## 6.4.0.00 Recycling

6.4.0.01 The product is designed for cycling in the technical cycle.

TRUE

6.4.0.03 The data is available publicly (relates to 6.4.0.01-02).

FALSE

6.4.0.02 The product is designed for cycling in the biological cycle.

FALSE

6.4.1.06 The mass fraction of the product designed to be recycled at a level of quality similar to the original input materials listed in the composition of the product is  $75\% < X \leq 95\%$ .

TRUE

6.4.0.04 The product is designed for recycling to generate materials of the same level of quality.

TRUE

6.4.1.09 The data is available publicly (relates to 6.4.1.01-08).

FALSE

6.4.1.10 Dedicated collection systems exist.

FALSE

## 6.5.1.00 Designed for Composting

6.5.1.01 The product is designed for industrial composting.

FALSE

6.5.1.02 The data is available publicly (relates to 6.5.1.01).

FALSE

6.5.1.03 The product is designed for home composting

FALSE

6.5.1.04 The data is available publicly (relates to 6.5.1.03).

FALSE

6.5.1.05 The product is designed for composting or clean biodigestion

FALSE

6.5.1.06 The data is available publicly (relates to 6.5.1.05).

FALSE

6.5.1.07 The product is designed for cascading in the biosphere.

FALSE

6.5.1.08 The data is available publicly (relates to 6.5.1.07).

FALSE

7.1.0.00 Circularity benefits					
7.1.1.01	The product is designed to improve air or water quality by measurably capturing pollutants.	FALSE	7.1.1.02	The data is available publicly (relates to 7.1.1.01).	FALSE
7.1.1.03	The product is designed to improve air or water quality by measurably and safely reusing pollutants as resources.	FALSE	7.1.1.04	The data is available publicly (relates to 7.1.1.03).	FALSE
7.1.1.05	The product is designed to increase renewable energy supply or storage capacity.	TRUE	7.1.1.06	The data is available publicly (relates to 7.1.1.05).	FALSE