Environmental
Product
Declaration

In accordance with ISO 14025 and EN 15804 for:

**[*Product name*]**

from

**[*Company name*]**

*[Company logotype*]

|  |  |
| --- | --- |
| Programme: | The International EPD® System, [www.environdec.com](http://www.environdec.com) |
| Programme operator: | EPD International AB |
| EPD registration number: | S-P-0XXXX |
| Publication date: | 2018-XX-YY |
| Valid until: | 202X-XX-YY |

[Product image]

Programme information

|  |  |
| --- | --- |
| **Programme:** | The International EPD® SystemEPD International ABBox 210 60 SE-100 31 StockholmSweden[www.environdec.com](http://www.environdec.com)info@environdec.com |

|  |
| --- |
| Product category rules (PCR): *<name, registration number, version and UN CPC code(s)>* |
| PCR review was conducted by: *<name and organisation of the review chair, and information on how to contact the chair through the programme operator>* |
| Independent third-party verification of the declaration and data, according to ISO 14025:2006:[ ]  EPD process certification [ ]  EPD verification |
| Third party verifier: *<name, organisation and signature of the third party verifier>**In case of accredited certification bodies:*Accredited by: *<name of the accreditation body and accreditation number, where applicable>.**In case of recognised individual verifiers:*Approved by: The International EPD® System |
| Procedure for follow-up of data during EPD validity involves third party verifier:[ ]  Yes [ ]  No |

The EPD owner has the sole ownership, liability, and responsibility for the EPD. EPDs within the same product category but from different programmes may not be comparable. EPDs of construction products may not be comparable if they do not comply with EN 15804.

Company information

Owner of the EPD: [Contact information (Name, Phone, E-Mail, Address)]

Description of the organisation: [...]

Product-related or management system-related certifications: [e.g. ISO 14024 Type I environmental labels, ISO 9001- and 14001-certificates, EMAS-registrations, SA 8000, supply chain management and social responsibility]

Name and location of production site: [...]

Product information

Product name: [...]

Product identification: [unambiguous identification of the product by standards, concessions, or other means]

Product description: [product description, application/intended use, technical functions, e.g. expected service life time]

UN CPC code: [...]

Other codes for product classification: [e.g. GTIN, CPV, UNSPSC, NACE/CPA, ANZSIC]

Geographical scope: Choose an item.

[for which geographical location(s) of use and end-of-life the product’s performance has been calculated]

LCA information

Functional unit / declared unit: [...]

Reference service life: [where applicable]

Time representativeness: [declaration of the year(s) covered by the data used for the LCA calculation and other relevant reference years]

Database(s) and LCA software used: [where relevant]

System diagram: [processes included in the LCA, divided into the lifecycle stages]

Description of system boundaries: [e.g. cradle-to-gate, cradle-to-gate with options, or cradle-to-grave]

Excluded lifecycle stages: [information on which lifecycle stages are not considered (if any), with a justification for the omission]

More information: [any relevant websites for more information or explanatory materials]

Name and contact information of LCA practitioner: optional, name and contact information of the organisation carrying out the underlying LCA study

Additional information: optional, any additional information about the underlying LCA-based information, such as assumptions, cut-off rules, data quality, and allocation

Content declaration

**Product**

|  |  |  |  |
| --- | --- | --- | --- |
| Materials / chemical substances | [Unit] | % | Environmental / hazardous properties |
| Material 1 / Chemical substance 1  |  |  |  |
| Material 1 / Chemical substance 2 |  |  |  |
| ... |  |  |  |

For construction product EPDs compliant with EN 15804, the content declaration shall list, as a minimum, substances contained in the products that are listed in the “Candidate List of Substances of Very High Concern for Authorisation” when their content exceeds the limits for registration with the European Chemicals Agency.

**Packaging**

Distribution packaging: [Information and content declaration of the distribution packaging]

Consumer packaging: [Information and content declaration of the consumer packaging]

**Recycled material**

Provenience of recycled materials (pre-consumer or post-consumer) in the product: [Information and content declaration of recycled materials in the product]

Environmental performance

**Potential environmental impact**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| PARAMETER | UNIT | A1 | A2 | A3 | TOTALA1-A3 | Add columns for additional modules  |
| Global warming potential (GWP) | Fossil | kg CO2 eq. |  |  |  |  |  |
| Biogenic | kg CO2 eq. |  |  |  |  |  |
| Land use and land transformation | kg CO2 eq. |  |  |  |  |  |
| TOTAL | kg CO2 eq. |  |  |  |  |  |
| Depletion potential of the stratospheric ozone layer (ODP) | kg CFC 11 eq. |  |  |  |  |  |
| Acidification potential (AP) | kg SO2 eq. |  |  |  |  |  |
| Eutrophication potential (EP) | kg PO43- eq. |  |  |  |  |  |
| Formation potential of tropospheric ozone (POCP) | kg C2H4 eq. |  |  |  |  |  |
| Abiotic depletion potential – Elements | kg Sb eq. |  |  |  |  |  |
| Abiotic depletion potential – Fossil resources | MJ, net calorific value |  |  |  |  |  |
| Water scarcity potential | m3 eq. |  |  |  |  |  |

**Use of resources**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| PARAMETER | UNIT | A1 | A2 | A3 | TOTAL A1-A3 | Add columns for additional modules |
| Primary energy resources – Renewable | Use as energy carrier | MJ, net calorific value |  |  |  |  |  |
| Used as raw materials | MJ, net calorific value |  |  |  |  |  |
| TOTAL | MJ, net calorific value |  |  |  |  |  |
| Primary energy resources – Non-renewable | Use as energy carrier | MJ, net calorific value |  |  |  |  |  |
| Used as raw materials | MJ, net calorific value |  |  |  |  |  |
| TOTAL | MJ, net calorific value |  |  |  |  |  |
| Secondary material | kg |  |  |  |  |  |
| Renewable secondary fuels | MJ, net calorific value |  |  |  |  |  |
| Non-renewable secondary fuels | MJ, net calorific value |  |  |  |  |  |
| Net use of fresh water | m3 |  |  |  |  |  |

**Waste production and output flows**

**Waste production**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| PARAMETER | UNIT | A1 | A2 | A3 | TOTAL A1-A3 | Add columns for additional modules |
| Hazardous waste disposed | kg |  |  |  |  |  |
| Non-hazardous waste disposed | kg |  |  |  |  |  |
| Radioactive waste disposed | kg |  |  |  |  |  |

**Output flows**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| PARAMETER | UNIT | A1 | A2 | A3 | TOTAL A1-A3 | Add columns for additional modules |
| Components for reuse | kg |  |  |  |  |  |
| Material for recycling | kg |  |  |  |  |  |
| Materials for energy recovery | kg |  |  |  |  |  |
| Exported energy, electricity | MJ |  |  |  |  |  |
| Exported energy, thermal | MJ |  |  |  |  |  |

*The result tables shall only contain values or the letters “INA” (Indicator Not Assessed). It is not possible to specify INA for mandatory indicators. INA shall only be used for voluntary parameters that are not quantified because no data is available.*

**Other environmental indicators**

[...]

*Optional environmental indicators may be presented as indicated in the table above. See underlying PCR for detailed requirements.*

**Additional information**

[...]

*An EPD may contain additional information not derived from the LCA-based calculations. The part of the EPD describing additional information may include various issues. Examples of these are:*

* *the release of dangerous substances into indoor air, soil, and water during the use stage,*
* *instructions for proper use of the product, e.g., to minimise energy or water consumption or to improve the durability of the product,*
* *instructions for proper maintenance and service of the product,*
* *information on key parts of the product that determine its durability,*
* *information on recycling including, e.g., suitable procedures for recycling the entire product or selected parts and the potential environmental benefits gained,*
* *information on a suitable method of reuse of the product (or parts of the products) and procedures for disposal as waste at the end of its lifecycle,*
* *information regarding disposal of the product, or inherent materials, and any other information considered necessary to minimise the product’s end-of-life impacts, and*
* *a more detailed description of an organisation’s overall environmental work, such as:*
	+ *the existence of a quality or environmental management system or any type of organised environmental activity,*
	+ *any activity related to supply chain management, social responsibility, etc., and*
	+ *information on where interested parties may find more details about the organisation’s environmental work.*

*It is recommended to add information enabling the possibility to make comparisons with sector benchmarks or, if not available, with benchmarks of common products and services preferably based on the concept of functional unit or declared unit, which is useful for scaling the environmental impacts of different activities, products, and services.*

*The PCR shall give further information on relevant additional information to include in the EPD.*

References

General Programme Instructions of the International EPD® System. Version 3.0.

PCR 20xx:yy. Name. Version

Other references



www.environdec.com