



BSI Standards Publication

Sustainability of construction works – Environmental product declarations – Core rules for the product category of construction products

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National foreword

This British Standard is the UK implementation of EN 15804:2012+A2:2019, incorporating corrigendum August 2021. It supersedes BS EN 15804:2012+A1:2013, which will be withdrawn on 31 October 2022.

The start and finish of text introduced or altered by amendment is indicated in the text by tags. Tags indicating changes to CEN text carry the number of the CEN amendment. For example, text altered by CEN amendment A1 is indicated by A1 A1.

The start and finish of text introduced or altered by corrigendum is indicated in the text by tags. Text altered by CEN corrigendum August 2021 is indicated in the text by AC AC.

The UK participation in its preparation was entrusted to Technical Committee B/558, Sustainability of construction works.

A list of organizations represented on this committee can be obtained on request to its committee manager.

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28 February 2014	Implementation of CEN correction notice 29 January 2014: Table C.5 and A1 amendment text
30 November 2019	Implementation of CEN amendment A2:2019

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Date	Text affected
31 July 2020	Correction to supersession details in national foreword
30 September 2021	Implementation of CEN corrigendum August 2021

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English Version

Sustainability of construction works - Environmental product declarations - Core rules for the product category of construction products

Contribution des ouvrages de construction au développement durable - Déclarations environnementales sur les produits - Règles régissant les catégories de produits de construction

Nachhaltigkeit von Bauwerken - Umweltproduktdeklarationen - Grundregeln für die Produktkategorie Bauprodukte

This European Standard was approved by CEN on 10 September 2013 and includes Amendment 2 approved by CEN on 21 July 2019.

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COMITÉ EUROPÉEN DE NORMALISATION
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Contents	Page
European foreword.....	5
Introduction	6
1 Scope.....	7
2 Normative references.....	7
3 Terms and definitions	8
4 Abbreviations	13
5 General aspects.....	14
5.1 Objective of the Core PCR.....	14
5.2 Types of EPD with respect to life cycle stages covered.....	15
5.3 Comparability of EPD for construction products	19
5.4 A₂ Additional environmental information.....	19
5.4.1 General.....	19
5.4.2 Additional impact indicators	20
5.4.3 Additional information on carbon offset, carbon storage and delayed emissions.....	20
5.4.4 Additional Information not derived from LCA	20
5.5 Ownership, responsibility and liability for the EPD.....	20
5.6 Communication formats	20
6 Product Category Rules for LCA.....	20
6.1 Product category	20
6.2 Life cycle stages and their information modules to be included	21
6.2.1 General.....	21
6.2.2 A1-A3, Product stage, information modules	21
6.2.3 A4-A5, Construction process stage, information modules.....	21
6.2.4 B1-B5, Use stage, information modules related to the building fabric.....	21
6.2.5 B6-B7, use stage, information modules related to the operation of the building.....	22
6.2.6 C1-C4 End-of-life stage, information modules	22
6.2.7 D, Benefits and loads beyond the system boundary, information module	22
6.3 Calculation rules for the LCA.....	22
6.3.1 A₂ Functional or declared unit	22
6.3.2 Functional unit.....	23
6.3.3 Declared unit	24
6.3.4 Reference service life (RSL).....	24
6.3.5 System boundaries	25
6.3.6 Criteria for the exclusion of inputs and outputs.....	32
6.3.7 Selection of data.....	32
6.3.8 A₂ Data quality A₂	33
6.3.9 Developing product level scenarios	35
6.3.10 Units.....	35
6.4 Inventory analysis	36
6.4.1 Collecting data.....	36
6.4.2 Calculation procedures.....	36
6.4.3 Allocation of input flows and output emissions.....	36
6.4.4 A₂ Information on biogenic carbon content.....	38

This is a preview of "BS EN 15804:2012+A2:...". [Click here to purchase the full version from the ANSI store.](#)

6.5	Impact assessment	38
6.5.1	A₂ General	38
6.5.2	Core environmental impact indicators	38
6.5.3	Additional environmental impact indicators	39
7	Content of the EPD	39
7.1	Declaration of general information	39
7.2	Declaration of environmental A₂ indicators A₂ derived from LCA	40
7.2.1	General	40
7.2.2	Rules for declaring LCA information per module	40
7.2.3	A₂ Indicators describing environmental impacts based on Life Cycle Impact Assessment (LCIA) A₂	41
7.2.4	A₂ Indicators describing resource use and environmental information based on Life Cycle Inventory (LCI) A₂	44
7.2.5	A₂ Information on biogenic carbon content	46
7.3	Scenarios and additional technical information	46
7.3.1	General	46
7.3.2	Construction process stage	47
7.3.3	B1-B7 use stage	48
7.3.4	End-of-life	51
7.4	Additional information on release of dangerous substances to indoor air, soil and water during the use stage	52
7.4.1	Indoor air	52
7.4.2	Soil and water	52
7.5	Aggregation of information modules	52
8	Project report	52
8.1	General	52
8.2	LCA-related elements of the project report	53
8.3	Documentation on additional information	55
8.4	Data availability for verification	55
9	Verification and validity of an EPD	55
	Annex A (normative) Requirements and guidance on the reference service life	56
	Annex B (informative) Waste	59
B.1	End-of-waste	59
B.2	Properties of hazardous waste for Table A₂ 8 A₂	59
	Annex C (normative) Impact categories and related indicators, methodologies and characterization factors (CF)	60
C.1	Core environmental impact categories and indicators	60
C.2	Calculation rules for the climate change impact category	61
C.2.1	General	61
C.2.2	Total global warming potential (GWP-total)	61
C.2.3	Fossil global warming potential (GWP-fossil)	61
C.2.4	Biogenic global warming potential (GWP-biogenic)	61
C.2.5	Land use and land use change global warming potential (GWP-luluc)	62
C.3	Additional impact categories and indicators	63
C.4	Characterization factors	63

This is a preview of "BS EN 15804:2012+A2:...". [Click here to purchase the full version from the ANSI store.](#)

Annex D (informative) End of life formulae	64
D.1 Introduction	64
D.2 Terms and definitions	64
D.2.1 Value correction factor	64
D.2.2 Quantities	64
D.2.3 Specific emissions and resources per unit of analysis	65
D.2.4 Specific emissions and resources per unit of analysis of outputs	66
D.2.5 Efficiency	66
D.2.6 Lower heating value	67
D.3 Formulae	67
D.3.1 General	67
D.3.2 Modules A1–A3	67
D.3.3 Module C	68
D.3.4 Module D	68
Annex E (informative) Schemes to be applied for data quality assessment of generic and specific data	69
Bibliography	71

This is a preview of "BS EN 15804:2012+A2:...". [Click here to purchase the full version from the ANSI store.](#)

European foreword

This document (EN 15804:2012+A2:2019) has been prepared by Technical Committee CEN/TC 350 "Sustainability of construction works", the secretariat of which is held by AFNOR.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by April 2020, and conflicting national standards shall be withdrawn at the latest by October 2022.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes A2 EN 15804:2012+A1:2013 A2.

This document includes Amendment 1 approved by CEN on 2013-09-10 and Amendment 2 approved by CEN on 2019-07-21.

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According to the CEN-CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

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Introduction

This European standard provides core product category rules for all construction products and services. It provides a structure to ensure that all Environmental Product Declarations (EPD) of construction products, construction services and construction processes are derived, verified and presented in a harmonised way.

An EPD communicates verifiable, accurate, non-misleading environmental information for products and their applications, thereby supporting scientifically based, fair choices and stimulating the potential for market-driven continuous environmental improvement.

The standardisation process has taken place in accordance with EN ISO 14025. All common issues are covered horizontally for all product types in order to minimise vertical (branch specific) deviations.

EPD information is expressed in information modules, which allow easy organisation and expression of data packages throughout the life cycle of the product. The approach requires that the underlying data should be consistent, reproducible and comparable.

The EPD is expressed in a form that allows aggregation (addition) to provide complete ^{A2} information for buildings and other construction works ^{A2}. This standard does not deal with aggregation at the building level nor does this standard describe the rules for applying EPD in a building assessment.

^{A2} The standard deals with a set of quantifiable, predetermined environmental impact indicators. This standard has been adapted to address the amendment of the standardization Mandate M/350. ^{A2}

This European Standard provides the means for developing a Type III environmental declaration of construction products and is part of a suite of standards that are intended to assess the sustainability of construction works.

^{A2} *deleted text* ^{A2}

- EN 15643-1, *Sustainability of construction works — Sustainability assessment of buildings — Part 1: General framework*;
- EN 15643-2, *Sustainability of construction works — Assessment of buildings — Part 2: Framework for the assessment of environmental performance*;
- EN 15978, *Sustainability of construction works — Assessment of environmental performance of buildings — Calculation method*;
- CEN/TR 15941, *Sustainability of construction works — Environmental product declarations — Methodology for selection and use of generic data*;
- EN 15942, *Sustainability of construction works — Environmental product declarations — Communication formats: business to business*.

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1 Scope

This European standard provides core product category rules (PCR) for Type III environmental declarations for any construction product and construction service.

NOTE The assessment of social and economic performances at product level is not covered by this standard.

The core PCR:

- $\boxed{A_2}$ defines the indicators to be declared, information to be provided and the way in which they are collated and reported, $\sqrt{A_2}$
- describes which stages of a product's life cycle are considered in the EPD and which processes are to be included in the life cycle stages,
- defines rules for the development of scenarios,
- includes the rules for calculating the Life Cycle Inventory and the Life Cycle Impact Assessment underlying the EPD, including the specification of the data quality to be applied,
- includes the rules for reporting predetermined, environmental and health information, that is not covered by LCA for a product, construction process and construction service where necessary,
- defines the conditions under which construction products can be compared based on the information provided by EPD.

For the EPD of construction services the same rules and requirements apply as for the EPD of construction products.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

CEN/TR 15941, *Sustainability of construction works — Environmental product declarations — Methodology for selection and use of generic data*

EN 15942, *Sustainability of construction works — Environmental product declarations — Communication formats: business to business*

EN 15978, *Sustainability of construction works — Assessment of environmental performance of buildings — Calculation method*

EN ISO 14025:2010, *Environmental labels and declarations — Type III environmental declarations — Principles and procedures (ISO 14025:2006)*

EN ISO 14044:2006, *Environmental management — Life cycle assessment — Requirements and guidelines (ISO 14044:2006)*

$\boxed{A_2}$ EN ISO 14067:2018, *Greenhouse gases — Carbon footprint of products — Requirements and guidelines for quantification (ISO 14067:2018)* $\sqrt{A_2}$