

STN	Okná a dvere Environmentálne vyhlásenia o produktoch Pravidlá skupiny výrobkov pre okná a dvere, dopĺňajúce EN 15804	STN EN 17213+A1
		74 6190

Windows and doors - Environmental Product Declarations - Product category rules complementary to EN 15804 for windows and pedestrian doorsets

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 01/26

Obsahuje: EN 17213:2020+A1:2025

Oznámením tejto normy sa ruší
STN EN 17213 (74 6190) z mája 2021

141673

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 17213:2020+A1

October 2025

ICS 91.010.99; 91.060.50

Supersedes EN 17213:2020

English Version

**Windows and doors - Environmental Product Declarations
- Product category rules complementary to EN 15804 for
windows and pedestrian doorsets**

Portes et fenêtres - Déclarations environnementales de
produits - Règles de définition des catégories de
produits complémentaires de l'EN 15804 pour les
fenêtres et blocs-portes pour piétons

Fenster und Türen - Umweltproduktdeklarationen -
Produktkategorieregeln in Ergänzung zu EN 15804 für
Fenster und Türen

This European Standard was approved by CEN on 3 February 2020 and includes Amendment 1 approved by CEN on 11 August 2025.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of 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, Türkiye and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

Contents

	Page
European foreword.....	4
Introduction	5
1 Scope.....	6
2 Normative references.....	7
3 Terms and definitions	8
4 Symbols and abbreviations	9
5 General aspects.....	9
5.1 Objective of this A1 c-PCR A1	9
5.2 Types of EPD with respect to life cycle stages covered.....	10
5.3 Comparability of EPD for construction products	10
5.4 Additional A1 environmental A1 information	10
5.5 Ownership, responsibility and liability for the EPD.....	10
5.6 Communication formats	10
6 Product Category Rules for LCA.....	10
6.1 Product category	10
6.2 Life cycle stages and their information modules to be included	10
6.2.1 General.....	10
6.2.2 A1-A3, Product stage, information modules.....	10
6.2.3 A4-A5, Construction process stage, information modules	10
6.2.4 B1-B5, Use stage, information modules related to the building fabric.....	10
6.2.5 B6-B7, Use stage, information modules related to the operation of the building.....	11
6.2.6 C1-C4, End-of-life stage, information modules	11
6.2.7 D, Benefits and loads beyond the system boundary, information modules	11
6.3 Calculation rules for the LCA.....	11
6.3.1 A1 Functional or declared unit	11
6.3.2 Functional unit.....	11
6.3.3 Declared unit	11
6.3.4 Reference service life (RSL).....	12
6.3.5 System boundaries	13
6.3.6 Criteria for the exclusion of inputs and outputs	15
6.3.7 Selection of data.....	15
6.3.8 A1 Data quality A1	15
6.3.9 Developing product level scenarios	15
6.3.10 Units	15
6.4 Inventory analysis	15
6.4.1 Collecting data.....	15
6.4.2 Calculation procedures	15
6.4.3 Allocation of input flows and output emissions	15
6.5 Impact assessment.....	15
7 Content of the EPD	16
7.1 Declaration of general information.....	16
7.2 Declaration of environmental A1 indicators A1 derived from LCA.....	16
7.2.1 General.....	16
7.2.2 Rules for declaring LCA information per module.....	16
7.2.3 A1 Indicators describing environmental impacts based on LCIA A1	16

7.2.4	[A₁] Indicators describing resource use and environmental information based on LCI [A₁]	16
7.2.5	[A₁] Information on biogenic carbon content [A₁]	16
7.3	Scenarios and additional technical information	16
7.3.1	General	16
7.3.2	Construction process stage	16
7.3.3	B1-B7 use stage	16
7.3.4	End-of-life	16
7.4	Additional information on release of dangerous substances to indoor air, soil and water during the use stage	16
7.4.1	Indoor air	16
7.4.2	Soil and water	16
7.5	Aggregation of information modules	17
8	Project report	17
8.1	General	17
8.2	LCA-related elements of the project report	17
8.3	Documentation on additional information	17
8.4	Data availability for verification	17
9	Verification and validity of an EPD	17
Annex A	[A₁] (normative) Requirements and guidance on the reference service life	18
Annex B	[A₁] (informative) Waste	19
Annex C	[A₁] (normative) Impact categories and related indicators, methodologies and characterization factors (CF)	20
Annex D	[A₁] (informative) End of life formulae	21
Annex E	[A₁] (informative) Schemes to be applied for data quality assessment of generic and specific data	22
Annex F	(informative) Guidance for defining representative products within a product range	23
Annex G	(informative) Default use stage and EoL scenarios	24
G.1	General	24
G.2	Use stage	24
G.2.1	A4 Transport	24
G.2.2	A5 Construction installation process	24
G.2.3	B2 Maintenance	25
G.2.4	B3 Repair	25
G.3	End-of-life (EoL)	25
Annex H	(informative) Voluntary use stage scenario based on energy balance calculation	29
	Bibliography	34

EN 17213:2020+A1:2025 (E)**European foreword**

This document (EN 17213:2020+A1:2025) has been prepared by Technical Committee CEN/TC 33 "Doors, windows, shutters, building hardware and curtain walling", 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 2026, and conflicting national standards shall be withdrawn at the latest by April 2026.

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 includes Amendment 1 approved by CEN on 11 August 2025.

This document supersedes **Ⓐ1** EN 17213:2020 **Ⓐ1**.

The start and finish of text introduced or altered by amendment is indicated in the text by tags **Ⓐ1** **Ⓐ1**.

Any feedback and questions on this document should be directed to the users' national standards body. A complete listing of these bodies can be found on the CEN website.

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, Türkiye and the United Kingdom.

Introduction

⟨A1⟩ The European Standard EN 15804:2012+A2:2019 ⟨A1⟩ 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 harmonized way.

This document provides complementary product category rules ⟨A1⟩ (c-PCR) ⟨A1⟩ for Type III Environmental Declarations (EPD) specifically for windows and pedestrian doorsets.

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 standardization process has taken place in accordance with EN ISO 14025. All common issues for windows and pedestrian doorsets are covered horizontally in order to minimize intra-sectorial deviations.

EPD information is expressed in information modules, which allow easy organization and expression of data packages throughout the lifecycle 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 information for buildings. ⟨A1⟩ Neither EN 15804:2012+A2:2019 nor this document deal with aggregation at the building level nor do the standards describe the rules for applying EPD in building assessment. ⟨A1⟩

This document deals with a limited number of quantifiable predetermined parameters as defined in ⟨A1⟩ EN 15804 ⟨A1⟩. Future revisions may incorporate additional predetermined parameters.

This document provides the means for developing a Type III environmental declaration for windows and pedestrian doorsets, thereby supplementing the suite of standards that are intended to assess the sustainability of construction works.

This suite of standards includes:

- ⟨A1⟩ EN 15643, *Sustainability of construction works — Framework for assessment of buildings and civil engineering works;*
- EN 15804:2012+A2:2019, *Sustainability of construction works — Environmental product declarations — Core rules for the product category of construction products;*
- EN 15941, *Sustainability of construction works — Data quality for environmental assessment of products and construction work — Selection and use of data;* ⟨A1⟩
- 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 17213:2020+A1:2025 (E)

1 Scope

This document **[A]** provides complementary product category rules (c-PCR) **[A1]** for Type III environmental declarations for windows and pedestrian doorsets as defined in EN 14351-1 and EN 14351-2. Windows and pedestrian doorsets additionally providing fire resistance and/or smoke control characteristics according to EN 16034 are also covered by this document.

NOTE 1 Windows that incorporate shutters and/or shutter boxes and/or blinds are in scope of this **[A]** c-PCR **[A1]**. For any connected electrical devices (e.g. motors, sensors) — see 6.3.4.2.

[A] NOTE 2 For wood and wood-based products for use in construction, see EN 16485.

NOTE 3 For building hardware, see EN 17610. **[A]**

This document complements the core rules for the product category of construction products as defined in **[A]** EN 15804:2012+A2:2019 **[A1]**. This document is to be used in conjunction with **[A]** EN 15804:2012+A2:2019 **[A1]**, not replace it.

[A] NOTE 4 **[A]** The assessment of social and economic performances at product level is not covered by this document.

The core PCR:

- defines the parameters to be declared and the way in which they are collated and reported;
- 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 the predetermined, environmental and health information that is not covered by Life Cycle Assessment (LCA) for the product, construction process(es) and construction service(s), as relevant;
- 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 documents are referred to in the text in such a way that some or all of their content constitutes requirements 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.

EN 1279-2, *Glass in building — Insulating glass units — Part 2: Long term test method and requirements for moisture penetration*

EN 1279-5, *Glass in building — Insulating glass units — Part 5: Product standard*

EN 12519, *Windows and pedestrian doors — Terminology*

〔A1〕 EN 14351-1:2006+A2:2016, *Windows and doors — Product standard, performance characteristics — Part 1: Windows and external pedestrian doorsets* 〔A1〕

EN 14351-2, *Windows and doors — Product standard, performance characteristics — Part 2: Internal pedestrian doorsets*

〔A1〕 EN 15804:2012+A2:2019,¹ *Sustainability of construction works — Environmental product declarations — Core rules for the product category of construction products* 〔A1〕

〔A1〕 deleted text 〔A1〕

EN 16034, *Pedestrian doorsets, industrial, commercial, garage doors and openable windows — Product standard, performance characteristics — Fire resisting and/or smoke control characteristics*

CEN/TR 16970:2016, *Sustainability of construction works — Guidance for the implementation of EN 15804*

EN 17074, *Glass in building — Environmental product declaration — Product category rules for flat glass products*

〔A1〕 EN ISO 13790:2008, *Energy performance of buildings — Calculation of energy use for space heating and cooling (ISO 13790:2008)* 〔A1〕

〔A1〕 EN ISO 14044:2006,² *Environmental management — Life cycle assessment — Requirements and guidelines (ISO 14044:2006)* 〔A1〕

EN ISO 52016-1:2017, *Energy performance of buildings — Energy needs for heating and cooling, internal temperatures and sensible and latent heat loads — Part 1: Calculation procedures (ISO 52016-1)*

ISO 18292, *Energy performance of fenestration systems for residential buildings — Calculation procedure*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN

¹ As impacted by EN 15804:2012+A2:2019/AC:2021.

² As impacted by EN ISO 14044:2006/A1:2018 and EN ISO 14044:2006/A2:2020.