



SLOVENSKI STANDARD
SIST EN 17213:2020/oprA1:2023
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Okna in vrata - Okoljske deklaracije za proizvode - Pravila za kategorije proizvodov za okna in vrata za prehod ljudi, ki dopolnjujejo EN 15804 - Dopolnilo A1

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

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

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

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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 draft amendment is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 33.

This draft amendment A1, if approved, will modify the European Standard EN 17213:2020. If this draft becomes an amendment, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for inclusion of this amendment into the relevant national standard without any alteration.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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

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European foreword

This document (EN 17213:2020/prA1:2023) 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 document is currently submitted to the CEN Enquiry.

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[SIST EN 17213:2020/oprA1:2023](https://standards.iteh.ai/catalog/standards/sist/e83107c6-240c-4649-a8c2-08eb36620afc/sist-en-17213-2020-oprA1-2023)
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EN 17213:2020/prA1:2023 (E)**1 Modification to the Title**

Replace the current title with the following:

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

2 Modifications to the Introduction

Replace the 1st paragraph with the following:

"The European Standard EN 15804:2012+A2:2019 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."

In the 2nd paragraph, replace "(cPCR)" with "(c-PCR)".

Replace the 6th and 7th paragraphs with the following:

"The EPD is expressed in a form that allows aggregation (addition) to provide complete information for buildings. Neither EN 15804:2012+A2:2019 nor this document deals with aggregation at the building level nor do the standards describe the rules for applying EPD in building assessment.

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

In the 9th paragraph, in the list, replace:

- "
- EN 15643-1, *Sustainability of construction works — Sustainability assessment of buildings — Part 1: General framework;*
 - EN 15643-2, *Sustainability of construction works — Sustainability assessment of buildings — Part 2: Framework for the assessment of environmental performance;*
 - EN 15804:2012+A1:2013, *Sustainability of construction works — Environmental product declarations — Core rules for the product category of construction products;*
 - CEN/TR 15941, *Sustainability of construction works — Environmental product declarations — Methodology for selection and use of generic data;*"

with

- "
- 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 — Environmental product declarations — Methodology for selection and use of generic data;*

".

3 Modifications to Clause 2, “Normative references”

Replace:

“EN 15804:2012+A1:2013, *Sustainability of construction works — Environmental product declarations — Core rules for the product category of construction products*”

With the following reference and footnote:

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

Accordingly, replace in the whole document "EN 15804:2012+A1:2013" with "EN 15804:2012+A2:2019".

Delete the following references:

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 format business to business*

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

Replace:

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

With the following reference and footnote:

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

Accordingly, replace in the whole document "EN ISO 14044:2006" with "EN ISO 14044:2006".

4 Modifications to Clause 4, “Symbols and abbreviations”

Add the following abbreviations:

"

c-PCR Complementary product category rules

LCI Life cycle inventory analysis

LCIA Life cycle impact assessment

".

5 Modifications to 5.1, “Objective of this PCR”

In the title of 5.1, replace “PCR” with "c-PCR".

Delete a comma in the 3rd sentence of the 1st paragraph to read:

"The purpose of an EPD in the construction sector is to provide the basis for assessing building and other construction works and identifying those which cause less stress to the environment."

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.

EN 17213:2020/prA1:2023 (E)

Replace

"Thus, the objective of this complementary PCR is to ensure:"

With

"Thus, the objective of this c-PCR is to ensure:".

6 Modification to 5.4, "Additional information"

Replace the title of 5.4 with "Additional environmental information".

7 Modifications to 5.5, "Ownership, responsibility and liability for the EPD"

Replace "EN 15804:2012+A1:2013, 6.3.6" with "EN 15804:2012+A2:2019, 6.3.7".

Replace the 2nd paragraph with the following:

"When intending to use average EPDs, the owner of the EPD shall be authorized to do so within the document by the organization (program operator) responsible for the original EPD."

8 Modifications to 6.3, "Calculation rules for the LCA"

Add a new subclause "6.3.1 Functional or declared unit" as follows:

"

6.3.1 Functional or declared unit

EN 15804:2012+A2:2019 shall apply."

Renumber the following subclauses accordingly.

Replace the 1st paragraph of former subclause "6.3.1 Functional unit" with the following:

"EN 15804:2012+A2:2019 shall apply with the following additions.

A functional unit can be defined according to EN 12519, as:

- Windows: [area of] building component or multiple components for closing an opening in a wall or roof that may admit light and/or provide ventilation [over the full RSL].
- External doorset: [area of] doorset in the building envelope which separates the exterior climate from the interior of a building [over the full RSL].
- Internal doorset: [area of] building component, which is designed and used to close a permanent opening in internal separating elements and for which the main intended use is the access of pedestrians [over the full RSL].

The functional unit shall be detailed as described in connection with the intended uses in the relevant harmonized standards and in accordance with the standard sizes given in 6.3.3 and with a reference service life derived in accordance with 6.3.4."

Replace the last paragraph of former subclause 6.3.1 "Functional unit" by the following:

"See Annex F for guidance for defining representative products within a product series."

Replace the 3rd paragraph of former subclause 6.3.2 "Declared unit" by the following:

"If the owner of the EPD wants to give LCA indicator results for a non-standard size element, the owner of the EPD may either:".

Replace the 2nd paragraph of former subclause 6.3.4.4.1 "General" by the following:

"For default use stage scenarios see G.2 in Annex G."

Replace the 4th paragraph of former subclause 6.3.4.4.2 "B1–B5 Use stage information modules related to the building fabric" by the following:

"For scenario(s) of the energy efficiency related aspects, see Annex H."

Replace the 6th paragraph of former subclause 6.3.4.4.2 "B1–B5 Use stage information modules related to the building fabric" by the following:

"The IGU shall always be calculated with a maximum of 30 years, unless otherwise indicated in the product standard EN 1279-5 or specified by the owner of the EPD for specific in-use conditions."

Replace the 11th paragraph of former subclause 6.3.4.4.2 "B1–B5 Use stage information modules related to the building fabric" by the following:

"When relevant, the replacement of complete windows or doorsets after their RSL shall be considered according to 6.3.5.2 (Product stage) and 6.3.5.3 (Construction stage)."

Replace the 2nd paragraph of former subclause 6.3.4.4.3 "B6–B7 use stage information modules related to the operation of the building" by the following:

"The boundary for operational energy use includes the energy use for electrical components, e.g. electrical motors. Guidance on how to handle optional devices such as electrical components, devices and shutters is given in 6.3.5.2."

Replace the 2nd paragraph of former subclause 6.3.4.5 "End-of-life stage" with the following:

"For EoL scenarios and potentials for recycling, see G.3 in Annex G."

Replace the title of former subclause 6.3.7 "Data quality requirements" with "Data quality".

<https://standards.iteh.ai/catalog/standards/sist/e83107c6-240c-4649-a8c2->

9 Modifications to 7.2, "Declaration of environmental parameters derived from LCA"

Replace the title of 7.2 with "Declaration of environmental indicators derived from LCA".

Replace the title of 7.2.3 with "Indicators describing environmental impacts based on LCIA".

Replace the title of 7.2.4 with "Indicators describing resource use and environmental information based on LCI".

Replace the title of 7.2.5 with "Information on biogenic carbon content".

10 Modifications to 7.3, "Scenarios and additional technical information"

Replace the 2nd paragraph of 7.3.3 with the following:

"For default use stage scenarios, Annex G and Annex H may be used."

Add 2nd paragraph to 7.3.4 as follows:

"For EoL scenarios and potentials for recycling, Annex G may be used."

EN 17213:2020/prA1:2023 (E)**11 Addition of new Annex A, “Requirements and guidance on the reference service life”**

Add new normative Annex A "Requirements and guidance on the reference service life" with the following text:

"EN 15804:2012+A2:2019, Annex A, shall apply."

Rename former "Annex A" to "Annex F".

12 Addition of new Annex B, “Waste”

Add new informative Annex B "Waste" with the following text:

"EN 15804:2012+A2:2019, Annex B, shall apply."

Rename former "Annex B" to "Annex G" and revise the numbering of the figures in this Annex accordingly.

13 Addition of new Annex C, “Impact categories and related indicators, methodologies and characterization factors (CF)”

Add new normative Annex C "Impact categories and related indicators, methodologies and characterization factors (CF)" with the following text:

"EN 15804:2012+A2:2019, Annex C, shall apply."

Rename former "Annex C" to "Annex H" as well as revise the numbering of the tables in this Annex and the related references accordingly.

14 Addition of new Annex D, “End of life formulae”

Add new informative Annex D "End of life formulae" with the following text:

"EN 15804:2012+A2:2019, Annex D, shall apply."

15 Addition of new Annex E, “Schemes to be applied for data quality assessment of generic and specific data”

Add new informative Annex E "Schemes to be applied for data quality assessment of generic and specific data" with the following text:

"EN 15804:2012+A2:2019, Annex E, shall apply."

16 Modifications to B.1, “General”

In the 2nd sentence of former subclause B.1 (now G.1) replace “Others” with “Other” to read:

"Other scenarios may be developed."

17 Modifications to B.3, “End-of-life (EoL)”

In the 1st paragraph in former clause B.3 (now G.3), replace "(see Figure B.1 to Figure B.3)" with "(see Figure G.1, Figure G.2, Figure G.3)".

In the 2nd sentence of the 5th paragraph of former clause B.3, replace “be often” with “often be” to read:

"Hence, it will often be necessary to develop more specific EoL scenarios to reflect national regulations and corresponding EoL practices."