

Building hardware - Environmental product  
declarations - Product category rules complementary  
to EN 15804 for building hardware

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

|                                                                                                                     |                                                                                                                                                      |
|---------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| See Eesti standard EVS-EN 17610:2022 sisaldab Euroopa standardi EN 17610:2022 ingliskeelset teksti.                 | This Estonian standard EVS-EN 17610:2022 consists of the English text of the European standard EN 17610:2022.                                        |
| Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.                                                  | This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation and Accreditation. |
| Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 17.08.2022. | Date of Availability of the European standard is 17.08.2022.                                                                                         |
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English Version

**Building hardware - Environmental product declarations -  
Product category rules complementary to EN 15804 for  
building hardware**

Quincaillerie pour le bâtiment - Déclarations  
Environnementales de Produit - Règles de catégorie de  
produit complémentaires à l'EN 15804 pour la  
quincaillerie du bâtiment

Schlösser und Baubeschläge -  
Umweltproduktdeklarationen -  
Produktkategorieregeln in Ergänzung zu EN 15804 für  
Schlösser und Baubeschläge

This European Standard was approved by CEN on 13 June 2022.

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

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## European foreword

This document (EN 17610:2022) 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 February 2023, and conflicting national standards shall be withdrawn at the latest by February 2023.

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.

The document is to be used in conjunction with EN 15804:2012+A2:2019.

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.

# 1 Scope

This document provides product category rules (PCR) for Type III environmental declarations for:

- Building hardware products for opening and closing doors, gates, windows and shutters:
  - Lever handles and knob furniture (EN 1906);
  - Single-axis hinges (EN 1935);
  - Hardware for windows and door height windows (EN 13126 (all parts));
  - Fittings for shutters (e.g. EN 14648);
  - Controlled door closing devices, electrically powered hold-open devices for swing doors and door coordinator devices (EN 1154, EN 1155, EN 1158);
  - Hardware for sliding doors, folding doors and roll fronts (EN 1527, EN 15706);
  - Glass door gear;
- Building hardware products for locking and unlocking doors, gates, windows and shutters:
  - Mechanically operated locks and locking plates, multipoint locks, latches and locking plates (EN 12209, EN 15685<sup>1</sup>);
  - Cylinders for locks (EN 1303);
  - Padlocks and padlock fittings (EN 12320);
  - Mechanically operated push-button locksets (BS 8607);
  - Emergency exit devices operated by a lever handle or push pad, for use on escape routes and panic exit devices operated by a horizontal bar, for use on escape routes (EN 179, EN 1125);
- Electromechanical building hardware products:
  - Mechatronic cylinders (EN 15684);
  - Mechatronic padlocks (EN 16864);
  - Mechatronic door furniture (EN 16867);
  - Electromechanically operated locks and striking plates (EN 14846);
  - Electrically controlled exit systems for use on escape routes (EN 13637).

This document complements the core rules for the product category of construction products as defined in the European standard EN 15804:2012+A2:2019.

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

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<sup>1</sup> Under preparation. Stage at the time of publication: prEN 15685:2022

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 15804:2012+A2:2019, *Sustainability of construction works - Environmental product declarations - Core rules for the product category of construction products*

EN 1125, *Building hardware - Panic exit devices operated by a horizontal bar, for use on escape routes - Requirements and test methods*

EN 1154, *Building hardware - Controlled door closing devices - Requirements and test methods*

EN 1155, *Building hardware - Electrically powered hold-open devices for swing doors - Requirements and test methods*

EN 1158, *Building hardware - Door coordinator devices - Requirements and test methods*

EN 12209, *Building hardware - Mechanically operated locks and locking plates - Requirements and test methods*

EN 12320, *Building hardware - Padlocks and padlock fittings - Requirements and test methods*

EN 1303, *Building hardware - Cylinders for locks - Requirements and test methods*

EN 13126 (all parts), *Building hardware - Hardware for windows and door height windows - Requirements and test methods*

EN 14846, *Building hardware - Locks and latches - Electromechanically operated locks and striking plates - Requirements and test methods*

EN 1527, *Building hardware - Hardware for sliding doors and folding doors - Requirements and test methods*

EN 15706, *Hardware for furniture - Strength and durability of slide fittings for sliding doors and roll fronts*

EN 179, *Building hardware - Emergency exit devices operated by a lever handle or push pad, for use on escape routes - Requirements and test methods*

EN 1906, *Building hardware - Lever handles and knob furniture - Requirements and test methods*

EN 1935, *Building hardware - Single-axis hinges - Requirements and test methods*

EN 15684, *Building hardware - Mechatronic cylinders - Requirements and test methods*

EN 16864, *Building hardware - Mechatronic padlocks - Requirements and test methods*

EN 16867, *Building hardware - Mechatronic door furniture - Requirements and test methods*

EN 13637, *Building hardware - Electrically controlled exit systems for use on escape routes - Requirements and test methods*

EN 14648, *Building hardware - Fittings for shutters - Requirements and test methods*

BS 8607, *Mechanically operated push button locksets. Requirements and test methods*

### 3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 15804:2012+A2:2019 and the following apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at <https://www.electropedia.org/>
- ISO Online browsing platform: available at <https://www.iso.org/obp>

#### 3.1

##### **building hardware**

products mounted as part of doors, windows, gates, shutters providing operation, function and performance of these products

### 4 Abbreviations

For the purposes of this document, the following abbreviations apply.

|       |                                            |
|-------|--------------------------------------------|
| ADPe  | Abiotic depletion potential (elements)     |
| ADPf  | Abiotic depletion potential (fossil fuels) |
| AP    | Acidification potential of soil and water  |
| c-PCR | Complementary product category rules       |
| EoL   | End of Life                                |
| EP    | Eutrophication potential                   |