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| <b>STN</b> | <b>Závesné steny</b><br><b>Environmentálne vyhlásenia o produktoch</b><br><b>Pravidlá pre skupiny výrobkov</b><br><b>pre závesné steny</b> | <b>STN</b><br><b>EN 18001</b><br><br>74 7010 |
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Curtain walling - Environmental product declarations - Product category rules for curtain walling

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. 02/25

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EUROPEAN STANDARD

**EN 18001**

NORME EUROPÉENNE

EUROPÄISCHE NORM

December 2024

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## Curtain walling - Environmental product declarations - Product category rules for curtain walling

Façade rideau - Déclarations environnementales des  
produits - Règles de définition des catégories de  
produits pour façade rideau

Vorhangfassaden - Umweltproduktdeklarationen -  
Produktkategorieregeln für Vorhangfassaden

This European Standard was approved by CEN on 25 November 2024.

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

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

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**EN 18001:2024 (E)****European foreword**

This document (EN 18001:2024) 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of an identical text or by endorsement, at the latest by June 2025, and conflicting national standards shall be withdrawn at the latest by June 2025.

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.

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

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.

This document provides complementary product category rules (c-PCR) for Type III Environmental Declarations (EPD) specifically for curtain walling.

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 curtain walling 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. Neither EN 15804:2012+A2:2019 nor this document deals with aggregation at the building level or describes the rules for applying EPD in building assessment.

This document deals with a limited number of quantifiable predetermined parameters as defined in EN 15804:2012+A2:2019. Future revisions may incorporate additional predetermined parameters.

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

This series of standards includes:

- 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*;
- 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 18001:2024 (E)****1 Scope**

This document provides product category rules (PCR) for Type III environmental declarations for curtain walling as defined in EN 13830:2015+A1:2020, excluding openable infills. Openable infills are addressed in EN 17213:2020.

This document complements the core rules for the product category of construction products as defined in EN 15804:2012+A2:2019. This document complements EN 15804:2012+A2:2019 and does not replace it.

NOTE 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 13119:2016, *Curtain walling — Terminology*

EN 13830:2015+A1:2020, *Curtain walling — Product standard*

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

EN 15942, *Sustainability of construction works — Environmental product declarations — Communication format business-to-business*

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

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**