



Institut luxembourgeois de la normalisation
de l'accréditation, de la sécurité et qualité
des produits et services

ILNAS-EN 16810:2017

Resilient, textile and laminate floor coverings - Environmental product declarations - Product category rules

Revêtements de sol résilients, textiles et
stratifiés - Déclarations
environnementales des produits - Règles
régissant les catégories de produits

Elastische, textile und Laminat-
Bodenbeläge - Umwelt-
Produktdeklarationen -
Produktkategorieregeln

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National Foreword

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English Version

**Resilient, textile and laminate floor coverings -
Environmental product declarations - Product category
rules**

Revêtements de sol résilients, textiles et stratifiés -
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régissant les catégories de produits

Elastische, textile und Laminat-Bodenbeläge - Umwelt-
Produktdeklarationen - Produktkategorieregeln

This European Standard was approved by CEN on 13 February 2017.

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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

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European foreword

This document (EN 16810:2017) has been prepared by Technical Committee CEN/TC 134 “Resilient, textile and laminate floor coverings”, the secretariat of which is held by NBN.

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of an identical text or by endorsement, at the latest by November 2017, and conflicting national standards shall be withdrawn at the latest by November 2017.

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Introduction

This European standard provides core product category rules for resilient, textile and laminate floor coverings. It is based on the principles laid down in EN 15804 and in EN ISO 14025 and modified to suit the specific needs of the product families addressed in the scope of this standard.

It provides a structure to ensure that all Environmental Product Declarations (EPD) for resilient, textile and laminate floor coverings processes are derived, verified and presented in a harmonized 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.

EPD information is expressed in information modules, which allow easy organization 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 information for buildings. 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.

The standard deals with a limited number of quantifiable predetermined parameters. Future revisions may incorporate additional parameters.

This European Standard provides the means for developing a Type III environmental declaration of resilient, textile and laminate floor coverings

1 Scope

This European standard provides product category rules (PCR) for Type III environmental product declarations (EPD) for resilient, textile and laminate floor coverings.

This standard applies to the following types of floor coverings:

- resilient floor coverings manufactured from plastics, linoleum, cork or rubber, including loose-laid mats;
- textile floor coverings, including loose-laid mats, rugs and runners;
- laminate floor coverings;
- modular floating floor coverings panels;

An EPD may be developed for single or individual products, product groups and average products.

2 Normative references

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

CEN/TS 15398, *Resilient, textile and laminate floor coverings - Floor covering standard symbols - Complementary element*

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*

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

EN 16485, *Round and sawn timber - Environmental Product Declarations - Product category rules for wood and wood-based products for use in construction*

EN ISO 10874, *Resilient, textile and laminate floor coverings - Classification (ISO 10874)*

EN ISO 14025, *Environmental labels and declarations - Type III environmental declarations - Principles and procedures (ISO 14025)*

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

ISO 15686-1, *Buildings and constructed assets — Service life planning — Part 1: General principles and framework*

ISO 15686-2, *Buildings and constructed assets — Service life planning — Part 2: Service life prediction procedures*

ISO 15686-7, *Buildings and constructed assets — Service life planning — Part 7: Performance evaluation for feedback of service life data from practice*

ISO 15686-8, *Buildings and constructed assets — Service-life planning — Part 8: Reference service life and service-life estimation*

ISO 21930, *Sustainability in building construction — Environmental declaration of building products*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1 ancillary material

input material or product that is used by the unit process producing the product, but which does not constitute part of the product

[SOURCE: EN ISO 14040]

3.2 average data

data representative of a product, product group or construction service, provided by more than one supplier

Note 1 to entry: The product group or construction service can contain similar products or construction services.

3.3 comparative assertion

environmental claim regarding the superiority or equivalence of one product versus a competing product that performs the same function

[SOURCE: EN ISO 14040]

3.4 co-product

any of two or more marketable materials, products or fuels from the same unit process, but which is not the object of the assessment

Note 1 to entry: Co-product, by-product and product have the same status and are used for identification of several distinguished flows of products from the same unit process. From co-product, by-product and product, waste is the only output to be distinguished as a non-product.

3.5 declared unit

quantity of a floor covering for use as a reference unit in an EPD for an environmental declaration based on one or more information modules

Note 1 to entry: For floor coverings the declared unit is 1 m² of installed floor covering.

3.6 environmental performance

performance related to environmental impacts and environmental aspects

[SOURCE: ISO 15392 and ISO 21931-1]

3.7**functional unit**

quantified performance of a product system for use as a reference unit

[SOURCE: EN ISO 14040]

3.8**information module**

compilation of data to be used as a basis for a Type III environmental declaration covering a unit process or a combination of unit processes that are part of the life cycle of a product

[SOURCE: EN ISO 14025]

3.9**life cycle assessment****LCA**

compilation and evaluation of the inputs, outputs and the potential environmental impacts of a product system throughout its life cycle

[SOURCE: EN ISO 14040]

3.10**life cycle inventory analysis****LCI**

phase of life cycle assessment involving the compilation and quantification of inputs and outputs for a product throughout its life cycle

[SOURCE: EN ISO 14040]

3.11**manufacturer's declaration**

environmental product declaration (EPD) by a manufacturer:

- for a specific product from one plant or as an average from several plants or
- for an average product from one plant or as an average from several plants

Note 1 to entry: A reference product, which describes a specific (usually typical) product, can also be declared.

3.12**manufacturer's group declaration**

EPD for a specific or average product as an average from several manufacturers' plants

3.13**non-renewable energy**

energy from sources which are not defined as renewable energy sources

3.14**non-renewable resource**

resource that exists in a finite amount that cannot be replenished on a human time scale

[SOURCE: ISO 21930]