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S.R. CEN/TR 15941:2010

Sustainability of construction works -
Environmental product declarations -
Methodology for selection and use of
generic data

S.R. CEN/TR 15941:2010

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Sustainability of construction works - Environmental product declarations - Methodology for selection and use of generic data

Contribution des ouvrages de construction au développement durable - Déclarations environnementales des produits - Méthodologie pour la sélection et l'utilisation des données génériques

Nachhaltigkeit von Bauwerken - Umweltproduktdeklarationen - Methoden für Auswahl und Verwendung von generischen Daten

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Foreword

This document (CEN/TR 15941:2010) has been prepared by Technical Committee CEN/TC 350 "Sustainability of construction works", the secretariat of which is held by AFNOR.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This Technical Report supports the use of Product Category Rules (prEN 15804) for construction products. Together they are used as the means for arriving at Environmental Product Declarations (EPD).

Introduction

This Technical Report is a supporting document referenced in prEN 15804. The Technical Report provides guidance for the selection and use of different types of generic data available for practitioners and verifiers involved in the preparation of EPD in order to improve consistency and comparability.

The TR provides a common language to improve understanding and introduces the concept of pre-verification to help with the selection of generic data. It also indicates the types and possible sources of data that exist and gives guidance on how to judge their selection. The TR also recognises that there are different levels of aggregation of data for material components, elements and buildings. The TR provides an explanation of the quality requirements for the data.

1 Scope

This Technical Report supports the development of Environmental Product Declarations (EPD).

It assists in using generic data according to the core product category rules (prEN 15804) during the preparation of EPD of construction products, processes and services in a consistent way, and also in the application of generic data in the environmental performance assessment of buildings according to prEN 15978.

The requirements for the use of generic data are described in prEN 15804.

2 Normative references

The following referenced documents are indispensable for the application 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.

prEN 15804:2008, *Sustainability of construction works — Environmental product declarations — Product category rules*

EN ISO 14025:2010, *Environmental labels and declarations — Type III environmental declarations — Principles and procedures (ISO 14025:2006)*

EN ISO 14040:2006, *Environmental management — Life cycle assessment — Principles and framework (ISO 14040:2006)*

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

ISO/TR 14049:2000, *Environmental management — Life cycle assessment — Examples of application of ISO 14041 to goal and scope definition and inventory analysis*

3 Terms and definitions

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

3.1

average data

data combined from different manufacturers or production sites for the same declared unit

NOTE Average can relate to a number of issues such as location or time.

3.2

data set

collection of data appropriate for a specific LCA, LCI or for information modules

3.3

generic data

surrogate data used if no system specific data are available

NOTE 1 Data can be site specific or average.

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