
Materiali za ceste - Okoljske deklaracije za proizvode - Pravila za kategorije proizvodov, ki dopolnjujejo EN 15804 za bitumenske zmesi

Road materials - Environmental product declarations - Product category rules complementary to EN 15804 for bituminous mixtures

Straßenbaustoffe - Umweltproduktdeklarationen - Produktkategorieregeln ergänzend zu EN 15804 für Asphalt

Matériaux pour les routes - Déclarations environnementales d'un produit - Règles de catégorie de produit complémentaires à l'EN 15804 pour les mélanges bitumineux

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CEN/TS 18301

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**Road materials - Environmental product declarations -
Product category rules complementary to EN 15804 for
bituminous mixtures**

Matériaux pour les routes - Déclarations
environnementales d'un produit - Règles de catégorie
de produit complémentaires à l'EN 15804 pour les
mélanges bitumineux

Straßenbaustoffe - Umweltproduktdeklarationen -
Produktkategorieregeln ergänzend zu EN 15804 für
Asphalt

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European foreword

This document (CEN/TS 18301:2026) has been prepared by Technical Committee CEN/TC 227 Road materials, the secretariat of which is held by BSI.

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Introduction

This Technical Specification is a complementary document to EN 15804 “Sustainability of construction works – Environmental product declarations – Core rules for the product category of construction products”.

This document does not replace any of the standard’s requirements and it is not intended to be used as a stand-alone document.

It is intended to assist the understanding and use of EN 15804 by giving guidance and further explanation in the preparation of Environmental Product Declarations (EPD) for bituminous mixtures covered by product standards in EN 13108-series in a common way.

NOTE 1 The title of the clauses in this document follow the EN 15804 to enhance readability.

NOTE 2 The composition of the bituminous mixture is necessary to produce the specific EPD.

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CEN/TS 18301:2026 (E)

1 Scope

This document provides a common European basis with Complementary Product Category Rules (c-PCR) to EN 15804 for the preparation of Environmental Product Declarations for bituminous mixtures used on roads, airfields and other trafficked areas covered by relevant product standards in the EN 13108-series.

Complementary to EN 15804, this document:

- specifies the declared unit;
- defines the system boundaries for bituminous mixtures;
- specifies and describes the default scenarios and rules for defining scenarios for certain life cycle information modules.

This document applies to the preparation of EPD for the following module configurations:

- cradle to gate with modules C1-C4 and module D. This includes the declaration of the minimum modules: A1-A3 (product stage), C1-C4 (end-of-life stage) and D (supplementary information beyond the pavement life cycle);
- cradle to gate with options, modules C1-C4 and module D, only when the added optional modules are A4 and/or A5. This includes the declaration of the minimum modules (as above), plus A4 (transport) and/or A5 (construction – installation process).

This document does not cover modules B1-B7.

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+AC:2021, *Sustainability of construction works — Environmental product declarations — Core rules for the product category of construction products*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 15804:2012+A2:2019+AC:2021, EN 12597:2024 and the following apply.

ISO and IEC maintain terminology 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 additive

constituent material that can be added in small quantities to influence specific properties of the mixture

Note 1 to entry: For example additives are used to influence the affinity of binder to aggregate, and the mechanical properties when using inorganic and organic fibres and polymers. They are also used to influence the colour of the mixture.

[SOURCE: EN 13108-1:2016, 3.1.14]

3.2

aggregate

granular material used in construction

Note 1 to entry: Aggregate can be natural, manufactured or recycled, according to EN 13043.

3.3

biogenic carbon

carbon derived from biomass

[SOURCE: EN ISO 14050:2020, 3.8.24]

3.4

biomass

material of biological origin excluding material embedded in geological formations and material transformed to fossilised material

[SOURCE: EN ISO 14050:2020, 3.8.25]

3.5

bituminous mixture

homogenous mixture typically of coarse and fine aggregates, filler aggregate, reclaimed asphalt, bituminous binder, and additives which are used in the construction of a pavement

Note 1 to entry: They are plant produced materials in accordance with EN 13108 series of European standards.

3.6

reclaimed asphalt**RA**

processed site-won asphalt, suitable and ready to be used as constituent material for asphalt, after being tested, assessed and classified according to EN 13108-8

Note 1 to entry: Processing can include one or more of: milling, crushing, sieving (screening), blending, etc.

[SOURCE: EN 13108-8:2016, 3.1.3. Modified to refer to EN 13108-8]

3.7

recycling

operation by which reclaimed asphalt (RA) is used as foundation, fill or road material, with the recovered aggregate and bitumen performing a lesser (or alternative engineering) function than in the original application

Note 1 to entry: Formal definition of recycling is given in [2].

3.8

re-use

operation by which reclaimed asphalt (RA) is reincorporated into the pavement, with the aggregates and the aged bituminous binder performing the same function as in their original application

Note 1 to entry: Formal definition of re-use is given in the European Waste Framework Directive.