



# SLOVENSKI STANDARD

## oSIST prEN 17388-2:2019

01-september-2019

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**Hidroizolacijski trakovi - Okoljske deklaracije za proizvode - Pravila za kategorije proizvodov za ojačene bitumenske, polimerne in elastomerne trakove za tesnjenje (streh) - 2. del: Pristop "od zibelke do vrat" z možnostmi (Cradle to gate with options)**

Flexible sheets for waterproofing - Environmental product declarations - Product Category Rules for reinforced bitumen, plastic and rubber flexible sheets for (roof) waterproofing - Part 2: Cradle to gate with options

**iTeh STANDARD PREVIEW**

Abdichtungsbahnen - Umweltproduktdeklaration - Produktkategorieregeln für Bitumenbahnen und synthetische Abdichtungsbahnen für die Abdichtung (von Dächern) - Teil 2: Von der Wiege bis zur Bahre mit Optionen

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Feuilles souples d'étanchéité - Déclarations environnementales sur les produits - Règles spécifiques des catégories de produits pour feuilles bitumineuses armées, feuilles plastiques et élastomères pour l'étanchéité (de toiture) - Partie 2 : Du berceau à la sortie de l'usine avec options

**Ta slovenski standard je istoveten z: prEN 17388-2**

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**ICS:**

|           |                                     |  |
|-----------|-------------------------------------|--|
| 13.020.20 | Okoljska ekonomija.<br>Trajnostnost | Environmental economics.<br>Sustainability |
| 91.060.20 | Strehe                              | Roofs                                      |
| 91.100.50 | Veziva. Tesnilni materiali          | Binders. Sealing materials                 |

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**en,fr,de**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**DRAFT**  
**prEN 17388-2**

May 2019

ICS 91.100.50

English Version

## Flexible sheets for waterproofing - Environmental product declarations - Product Category Rules for reinforced bitumen, plastic and rubber flexible sheets for (roof) waterproofing - Part 2: Cradle to gate with options

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This draft European Standard is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 254.

If this draft becomes a European Standard, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

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

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## prEN 17388-2:2019 (E)

### European foreword

This document (prEN 17388-2:2019) has been prepared by Technical Committee CEN/TC 254 “Flexible sheets for waterproofing”, the secretariat of which is held by NEN.

This document is currently submitted to the CEN Enquiry.

EN 17388, *Flexible sheets for waterproofing - Environmental product declarations - Product Category Rules for reinforced bitumen, plastic and rubber flexible sheets for (roof) waterproofing* consists of the following parts:

- *Part 1: Cradle to grave*
- *Part 2: Cradle to gate with options*

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## Introduction

CEN TC 254 has decided to provide the Products Category Rules standard in 2 parts. The scope of these different parts are based on the different types of EPD identified by EN 15804:2012+A1:2013. This is made to avoid misinterpretation in the market about the EPD scope and content. In the EPD a clear reference to the applicable part of the standard shall be included.

This standard consists of two parts:

- Part 1: cradle to grave EPD using generic data and generic system specifications or using specific data and specific system specifications;
- Part 2: cradle to gate with options EPD using specific data and/or specific system specification.

If a new version of EN 15804:2012+A1:2013 is available it might be possible that this standard will be revised.

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**prEN 17388-2:2019 (E)****1 Scope**

This document provides Product Category Rules (PCR) for the assessment of the environmental performance of reinforced bitumen, plastic and rubber flexible sheets for which the intended use is roof waterproofing.

NOTE The reference product standards are EN 13707 and EN 13956.

This document is intended to be used for the development and issue of cradle to gate with options EPD using specific data. This PCR includes requirements/rules to:

- define the parameters to be declared and the way in which they are collected and reported;
- describe 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;
- include the rules for calculating the Life Cycle Inventory and the Life Cycle Impact Assessment underlying an EPD, including the specification of the quality of the applied data.

**2 Normative references**

The following standards 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 13707, *Flexible sheets for waterproofing — Reinforced bitumen sheets for roof waterproofing — Definitions and characteristics*

EN 13956, *Flexible sheets for waterproofing — Plastic and rubber sheets for roof waterproofing — Definitions and characteristics*

EN 15804:2012+A1:2013, *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 following terms and definitions apply.

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

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

**3.1****average data**

arithmetic calculated information

**3.2****generic data**

data for a product or a product family, provided by one or more suppliers without the need for additional prove of the representatively



**3.3****generic EPD**

EPD created by the manufacturer or a group of manufacturers (for example industrial sector associations) for a product or product families, based on generic data which apply to the product or product family concerned

**3.4****product**

product with a unique identification code made and marketed for an intended use

**3.5****product family**

products with similar intended uses, the boundaries of which are defined by the EPD applicant

**3.6****roof waterproofing system**

waterproofing system used in the roof of a building, including roofs used for parking of vehicles and for roof gardens

**3.7****specific data**

data representative for a product or product family, provided by one supplier

**3.8****specific EPD**

EPD created by the manufacturer for a product or product family, based on specific or generic data which apply to the product or product family concerned

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**3.9****waterproofing system**

assembly of one or more sheets in its applied and jointed form to prevent the passage of water from one plane to another, which has certain performance characteristics, to be assessed as a whole

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**4 Symbols and abbreviations**

For the purposes of this document, the symbols and abbreviations given in EN 15804:2012+A1:2013 apply.

**5 General aspects****5.1 Objective of the PCR**

In addition to EN 15804:2012+A1:2013, 5.1, this document defines the requirements on information, data and environmental parameters to be included in an Environmental Product Declaration (EPD) for a cradle to gate with options EPD's using specific data for:

— roof waterproofing systems with reinforced bitumen flexible sheets for roof waterproofing according EN 13707;

or

— roof waterproofing systems with plastic and rubber flexible sheets for roof waterproofing according EN 13956.

**prEN 17388-2:2019 (E)****5.2 Types of EPD with respect to life cycle stages covered**

In addition to EN 15804:2012+A1:2013, the following shall apply.

The LCA based information in an EPD shall cover (see Figure 1 of EN 15804:2012+A1:2013) the life cycle of a product according to the system boundary (see 6.3.4). In this case, the EPD covers the product stage and can cover construction process stage, use stage and end of life stage. In this EPD, the information module D may be included.

It is allowed to use this PCR for a product or product family applied in 1 defined roof waterproofing system on the condition that the general rules as defined in this PCR are met.

It is not allowed to use this PCR for the development of EPDs by grouping products based on different materials into 1 product family. Materials can be different in their nature and way of manufacturing, for example: PVC, FPO, ECB, EPDM and Bitumen.

**5.3 Comparability of EPD for construction products**

In addition to EN 15804:2012+A1:2013, the following shall apply.

The cradle to gate with options analysis shall integrate all relevant requirements to ensure the technical performances of the products in the end-use application roof waterproofing.

**5.4 Additional information**

EN 15804:2012+A1:2013 shall apply.

**5.5 Ownership, responsibility and liability for the EPD**

EN 15804:2012+A1:2013 shall apply.

**5.6 Communication formats**

EN 15804:2012+A1:2013 shall apply. <https://standards.iteh.ai/catalog/standards/sist/6b97fbaa-81b1-4659-962b-07f94e632aa5/osist-pren-17388-2-2019>

**6 Product Category Rules for LCA****6.1 Product category**

The product category referred to in this standard includes roof waterproofing systems with reinforced bitumen, plastic and rubber flexible sheets for roof waterproofing according EN 13707 and EN 13956.

**6.2 Life cycle stages and information modules to be included****6.2.1 General**

EN 15804:2012+A1:2013 shall apply.

**6.2.2 A1-A3, product stage, information modules**

EN 15804:2012+A1:2013 shall apply.

**6.2.3 A4-A5, construction process stage, information modules (optional)**

EN 15804:2012+A1:2013 shall apply.

**6.2.4 B1-B5, use stage, information modules related to the building fabric (optional)**

EN 15804:2012+A1:2013 shall apply.