

CERAMIC TILES (EN 17160:2019)

PRODUCT GROUP CLASSIFICATION: UN CPC 373

C-PCR-002 (TO PCR 2019:14)

VERSION 1.0.0

A photograph of three large tower cranes at a construction site, set against a clear blue sky with a few wispy clouds. The cranes are made of white metal lattice. A white rectangular box with black text is overlaid on the middle crane.

c-PCR to PCR 2019:14

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1 INTRODUCTION

1.1 GENERAL

This document constitutes complementary Product Category Rules (c-PCR) for developing Environmental Product Declarations (EPD) in the framework of the International EPD System: a programme for EPDs¹ according to ISO 14025, ISO 14040, ISO 14044, and product-specific standards, such as EN 15804, EN 15941 and ISO 21930 for construction products.² developed in the framework of the International EPD System: a programme for type III environmental declarations³ according to ISO 14025:2006. EPDs are voluntary documents for a company or an industry association to present transparent, consistent, and verifiable information about the environmental performance of their products (goods or services).

The General Programme Instructions (GPI), publicly available on www.environdec.com, includes the rules for the overall administration and operation of the programme and the basic rules for developing EPDs registered in the programme. A PCR complements the GPI and the normative standards by providing specific rules and guidelines for developing an EPD for one or more specific product categories (see Figure 1), thereby enabling the generation of consistent EPDs within a product category.

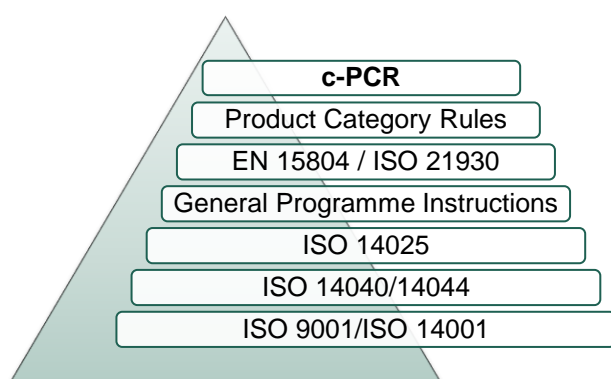


Figure 1 This c-PCR in relation to the hierarchy of standards and other documents.

The present c-PCR uses the following terminology:

- The term “shall” is used to indicate what is obligatory, i.e., a requirement.
- The term “should” is used to indicate a recommendation. Any deviation from a recommendation shall be justified in the EPD development process.
- The terms “may” or “can” are used to indicate an option that is permissible.

For definitions of other terms used in the document, see the GPI, normative standards, and PCR 2019:14 Construction products.

The latest version of the PCR is available on www.environdec.com.

Any references to this PCR shall include the PCR registration number, name, and version number.

1.2 ROLE OF THIS DOCUMENT

This document provides complementary product category rules (c-PCR) to PCR 2019:14 Construction products, available on www.environdec.com. This document cannot be used by itself, but shall be used together with PCR 2019:14 and EN 15804.

1 Termed type III environmental declarations in ISO 14025.

2 When standards are referred to in this document, the version listed in Section 7 is intended unless otherwise stated.

3 Type III environmental declarations in the International EPD System are referred to as EPD, Environmental Product Declarations.

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The document can be used together with any valid version of PCR 2019:14, regardless of the version of PCR 2019:14 referred to in this document.

See Figure 2 for an illustration on how PCR 2019:14 and this c-PCR relates to each other and the EPDs that may be based on them.

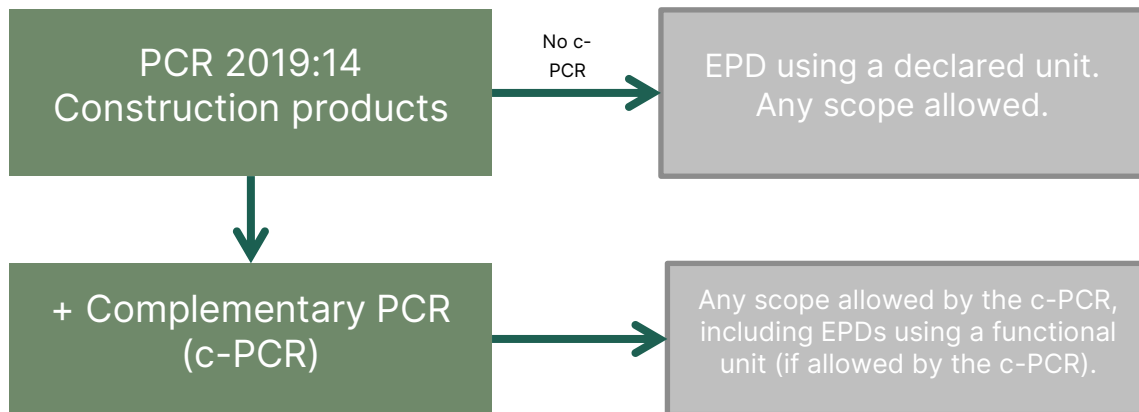



Figure 2 Overview of using PCR 2019:14 directly to develop an EPD or how to use it together with a c-PCR.

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2 GENERAL INFORMATION

2.1 ADMINISTRATIVE INFORMATION

| | |
|--|---|
| Name: | Ceramic tiles |
| Registration number and version: | c-PCR-002, version 1.0.0 |
| Programme: |  The International EPD System |
| Programme operator: | EPD International AB, Box 210 60, SE-100 31 Stockholm, Sweden. Website: www.environdec.com E-mail: support@environdec.com |
| PCR Moderator: | Not applicable |
| PCR Committee: | Not applicable |
| Date of publication and last revision: | 2025-04-08 (version 1.0.0) A version history is available in Section 8. |
| Valid until: | 2030-04-07 |
| Schedule for renewal: | This document will be revised when the underlying CEN standard has been updated. |
| Standards conformance: | <ul style="list-style-type: none"> EN 17160:2019 <p>For compliance to other documents, see PCR 2019:14.</p> <p>EN 17160:2019 was developed based on the older version of EN 15804. In case of discrepancies, EN 15804:2012+A2:2019/AC:2021 takes precedence.</p> |
| PCR language(s): | This PCR was developed and is available in English. In case of translated versions, the English version takes precedence in case of any discrepancies. |

2.2 SCOPE

2.2.1 PRODUCT CATEGORY DEFINITION AND DESCRIPTION

This c-PCR covers ceramic tiles as defined in EN 17160:2019, i.e., ceramic tiles produced by extrusion and dry-pressing techniques, mainly used for internal and/or external floorings and wall coverings and façade cladding.

The product category corresponds to the following groups and underlying classes and sub-classes in the UN CPC classification (when used within construction):

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- 373 Refractory products and structural nonrefractory clay products

2.2.2 TYPE OF EPD AND INFORMATION MODULES INCLUDED

As in PCR 2019:14 and EN 17160:2019.

2.2.3 GEOGRAPHICAL REGION

As in PCR 2019:14.

2.2.4 EPD VALIDITY

As in PCR 2019:14.

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3 PCR REVIEW AND BACKGROUND INFORMATION

This PCR was developed within CEN standardisation and adopted as a c-PCR in the International EPD System. There was thus no additional open consultation period and no additional review in addition to those within standardisation.

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4 GOAL AND SCOPE, LIFE CYCLE INVENTORY AND LIFE CYCLE IMPACT ASSESSMENT

As in PCR 2019:14 and EN 17160:2019.

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5 CONTENT AND FORMAT OF EPD

As in PCR 2019:14 and EN 17160:2019.

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6 GLOSSARY

As in PCR 2019:14 and EN 17160:2019.

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7 REFERENCES

CEN (2019) EN 17160 Product category rules for ceramic tiles.

CEN (2021) EN 15804:2012+A2:2019/AC:2021, Sustainability of construction works – Environmental product declarations – Core rules for the product category of construction products.

EPD International (2025) PCR 2019:14 Construction products, version 2.0.0.

ISO (2006a) ISO 14025:2006, Environmental labels and declarations – Type III environmental declarations – Principles and procedures.

ISO (2006b) ISO 14040:2006, Environmental management – Life cycle assessment – Principles and framework.

ISO (2006c) ISO 14044: 2006, Environmental management – Life cycle assessment – Requirements and guidelines.

ISO (2017) ISO 21930:2017, Sustainability in buildings and civil engineering works -- Core rules for environmental product declarations of construction products and services.

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8 CHANGES IN THIS C-PCR

VERSION 2019-12-20

Original version, based on PCR 2019:14 Construction products, and adopted from corresponding sub-PCR to PCR 2012:01.

VERSION 2024-04-30

- Updated with prolonged validity period to align with the updated validity of PCR 2019:14 as of version 1.3.4.
- Updates in references.

VERSION 1.0.0, 2025-04-08

- Updated with prolonged validity in accordance with version 2.0.0 of PCR 2019:14.
- Changed from version date to version number.
- Other editorial changes and clarifications.

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