

CONCRETE AND CONCRETE ELEMENTS (EN 16757:2022)

PRODUCT GROUP CLASSIFICATION: UN CPC 375

C-PCR-003 (TO PCR 2019:14)

VERSION 1.0.0



CONCRETE AND CONCRETE ELEMENTS (EN 16757:2022)
PRODUCT GROUP CLASSIFICATION: UN CPC 375

TABLE OF CONTENTS

1	Introduction.....	3
	1.1 General.....	3
	1.2 Role of this document.....	3
2	General information.....	5
	2.1 Administrative information.....	5
	2.2 Scope.....	5
3	PCR review and background information.....	7
4	Goal and scope, life cycle inventory and life cycle impact assessment.....	8
5	Content and format of EPD.....	9
6	Glossary.....	10
7	References.....	11
8	Changes in this c-PCR.....	12

CONCRETE AND CONCRETE ELEMENTS (EN 16757:2022)
PRODUCT GROUP CLASSIFICATION: UN CPC 375

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.

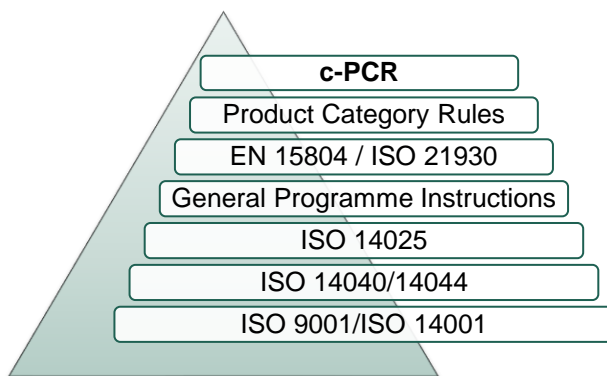


Figure 1 This c-PCR in relation to the hierarchy of standards and other documents.

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 at 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.

CONCRETE AND CONCRETE ELEMENTS (EN 16757:2022)
PRODUCT GROUP CLASSIFICATION: UN CPC 375

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 relate to each other and the EPDs that may be based on them.

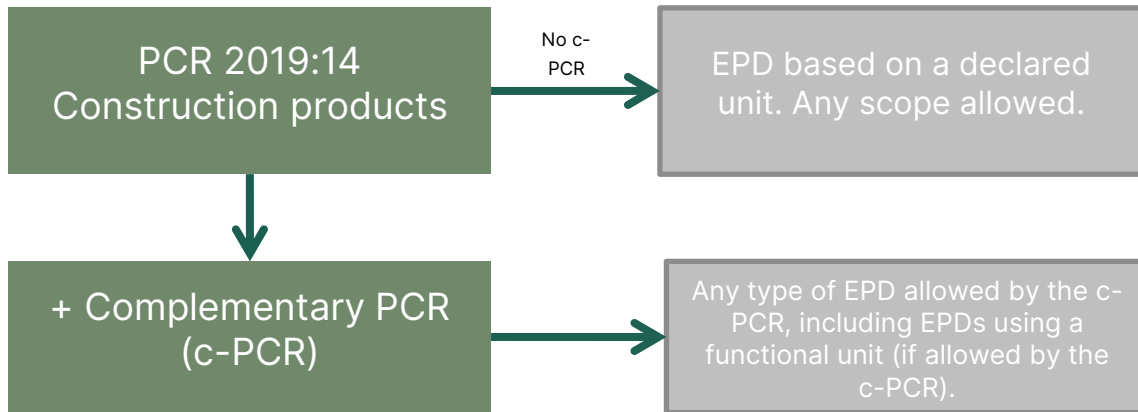



Figure 2 Overview of using PCR 2019:14 directly to develop an EPD, or how to use it together with a c-PCR.

CONCRETE AND CONCRETE ELEMENTS (EN 16757:2022)
PRODUCT GROUP CLASSIFICATION: UN CPC 375

2 GENERAL INFORMATION

2.1 ADMINISTRATIVE INFORMATION

Name:	Concrete and concrete elements
Registration number and version:	c-PCR-003, 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 c-PCR is revised when the underlying CEN standard, EN 16757, has been revised within the work of CEN/TC 229.
Standards conformance:	<ul style="list-style-type: none">EN 16757:2022 For compliance to other documents, see PCR 2019:14.
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 concrete and concrete elements for building and civil engineering, excluding autoclaved aerated concrete, as defined in EN 16757:2022.

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

- 375 Articles of concrete, cement and plaster

CONCRETE AND CONCRETE ELEMENTS (EN 16757:2022)
PRODUCT GROUP CLASSIFICATION: UN CPC 375

2.2.2 TYPE OF EPD AND INFORMATION MODULES INCLUDED

As in PCR 2019:14 and EN 16757:2022.

2.2.3 GEOGRAPHICAL REGION

As in PCR 2019:14.

2.2.4 EPD VALIDITY

As in PCR 2019:14.

CONCRETE AND CONCRETE ELEMENTS (EN 16757:2022)
PRODUCT GROUP CLASSIFICATION: UN CPC 375

3 PCR REVIEW AND BACKGROUND INFORMATION

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

CONCRETE AND CONCRETE ELEMENTS (EN 16757:2022)
PRODUCT GROUP CLASSIFICATION: UN CPC 375

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

As in PCR 2019:14 and EN 16757:2022.

CONCRETE AND CONCRETE ELEMENTS (EN 16757:2022)
PRODUCT GROUP CLASSIFICATION: UN CPC 375

5 CONTENT AND FORMAT OF EPD

As in PCR 2019:14 and EN 16757:2022.

CONCRETE AND CONCRETE ELEMENTS (EN 16757:2022)
PRODUCT GROUP CLASSIFICATION: UN CPC 375

6 GLOSSARY

As in PCR 2019:14 and EN 16757:2022.

CONCRETE AND CONCRETE ELEMENTS (EN 16757:2022)
PRODUCT GROUP CLASSIFICATION: UN CPC 375

7 REFERENCES

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.

CEN (2022) EN 16757:2022 Sustainability of construction works– Environmental product declarations – Product Category Rules for concrete and concrete elements.

EPD International (2025) PCR 2019:04 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.

CONCRETE AND CONCRETE ELEMENTS (EN 16757:2022)
PRODUCT GROUP CLASSIFICATION: UN CPC 375

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 2023-01-02

Updated after the publication of EN 16757:2022 in October 2022.

VERSION 2024-04-30

Updated validity to align with validity of PCR 2019:14 as of version 1.3.4

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.

© 2025 EPD INTERNATIONAL AB

YOUR USE OF THIS MATERIAL IS SUBJECT TO THE GENERAL TERMS OF USE PUBLISHED ON BY EPD INTERNATIONAL AB:S HOMEPAGE AT [HTTPS://WWW.ENVIRONDEC.COM/CONTACT/GENERAL-TERMS-OF-USE](https://www.environdec.com/contact/general-terms-of-use). IF YOU HAVE NOT REGISTERED AND ACCEPTED EPD INTERNATIONAL AB:S THE GENERAL TERMS OF USE, YOU ARE NOT AUTHORIZED TO EXPLOIT THIS WORK IN ANY MANNER.

COVER IMAGE © ISTOCKPHOTO.COM / FONTGRAF

