

BUILDING HARDWARE (EN 17610:2022)

C-PCR-020 (TO PCR 2019:14)

VERSION 1.0.0



FLAT GLASS PRODUCTS (EN 17074:2019)

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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.

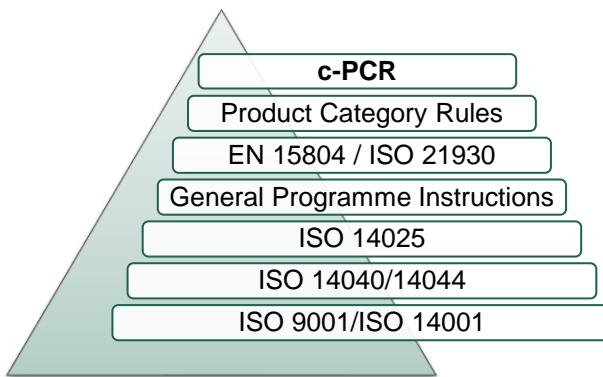


Figure 1 This c-PCR in relation to the hierarchy of standards and other documents.

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. 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.

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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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.

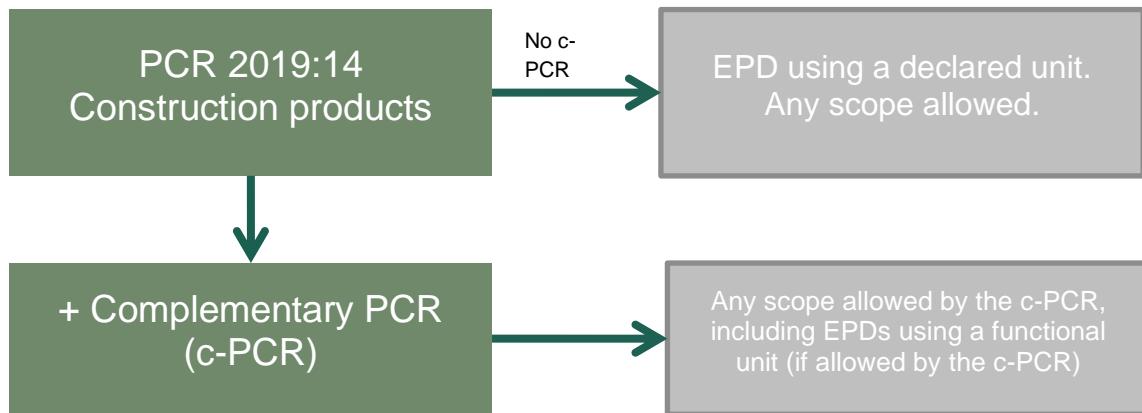


Figure 2 Overview of using PCR 2019:14 directly to develop an EPD or how to use it together with a c-PCR.

2 GENERAL INFORMATION

2.1 ADMINISTRATIVE INFORMATION

Name:	Building hardware
Registration number and version:	c-PCR-020, version 1.0.0
Programme:	 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:	2025-04-15 (version 1.0.0) A version history is available in Section 8.
Valid until:	2030-04-07
Schedule for renewal:	If a new version of EN 17610 is released, an update of this c-PCR will be initiated.
Standards conformance:	<ul style="list-style-type: none">▪ EN 17610:2022 <p>For compliance to other documents, see PCR 2019:14.</p> <p>EN 17074:2019 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 building hardware as defined in EN 17610:2022:

- Building hardware products for opening and closing doors, gates, windows and shutters:
 - lever handles and knob furniture,
 - single-axis hinges,
 - hardware for windows and door height windows,
 - fittings for shutters,

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- controlled door closing devices, electrically powered hold-open devices for swing doors and door coordinator devices,
- hardware for sliding doors, folding doors and roll fronts, and
- glass door gear.
- Building hardware products for locking and unlocking doors, gates, windows and shutters:
 - mechanically operated locks and locking plates, multipoint locks, latches and locking plates,
 - cylinders for locks,
 - padlocks and padlock fittings,
 - mechanically operated push-button locksets, and
 - emergency exit devices operated by a lever handle or push pad, for use on escape routes and panic exit devices operated by a horizontal bar, for use on escape routes.
- Electromechanical building hardware products:
 - mechatronic cylinders,
 - mechatronic padlocks,
 - mechatronic door furniture,
 - electromechanically operated locks and striking plates, and
 - electromechanically controlled exit systems for use on escape routes.

2.2.2 TYPE OF EPD AND INFORMATION MODULES INCLUDED

As in PCR 2019:14 and EN 17610:2022.

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 by 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 17610:2022.

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5 CONTENT AND FORMAT OF EPD

As in PCR 2019:14 and EN 17610:2022.

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6 GLOSSARY

As in PCR 2019:14 and EN 17610:2022.

7 REFERENCES

CEN (2019) EN 17610:2022, Building hardware – Environmental product declaration – Product category rules complementary to EN 15804 for building hardware.

CEN (2012) 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. www.environdec.com.

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.

8 CHANGES IN THIS C-PCR

VERSION 2022-11-04

Original version.

VERSION 2024-04-30

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

VERSION 1.0.0, 2025-04-15

- 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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