



GLOBAL GREENTAG INTERNATIONAL PTY LTD

ENVIRONMENTAL PRODUCT DECLARATION (EPD) PROGRAM

In accordance with ISO 14025 and EN 158042+A2 2019

Type III EPDs

PRODUCT CATEGORY RULES (PCRs)

Interior Floor covering Sub-PCR: 2026 IFC

Issue date: 14thOctober 2026

Valid to: 14thOctober 2031

Document Title

Interior Floor Covering Sub-PCR: 2026 IFC

Goal

The intended goal of this sub PCR is a guide for developing EPDs for sets of defined product with specified functionality. Users include specifiers, manufacturers and stakeholders. It is valid for all such defined products and related components according to standards and technical approvals herein.

Glossary of Terms

- Program Operators are organisations regulating EPD production, quality and conformance.
- General Program Instructions enable program operators to regulate and administer EPD quality.
- Life Cycle assessment (LCA) models product system life cycle flows and potential impacts.
- EPDs quantify environmental data and additional environmental information on set parameters.
- PCRs guide development of Type III environmental declarations for product sets.
- Declared Units specify construction product brand, type and reference quantities.
- Functional Units specify a product system function, quantities, performance and reference period.

Program Operator

The Global GreenTag International (GGTI) EPD program has comprehensive guidelines for consistent and transparent EPD development. General Program Instructions (GPI) Version 2.3 show administrative needs. The GPI annex contains the general LCA method and rules this document supplements. Users include specifiers, manufacturers and stakeholders.

The following Product Category Rules (PCR) are made available for a public stakeholder comment for a period of 30 days. This Interior Floor Covering Sub-PCR:2026 IFC has been developed for Type III Environmental Product Declarations (EPDs) to comply, in order of precedence with ISO 14025, EN 15804+A2 2019 and ISO 21930 to be issued in Europe, North America, Australasia and Africa. Such sub-PCRs are to ensure consistency, comparability and completeness of methods and parameters in EPDs. They are to provide harmonised rules for LCA modelling calculation content, format plus additional information for EPDs. Global GreenTag^{Cert™} welcomes all stakeholder comments on this PCR to ensure presentation of comparable declarations that best communicate construction product environmental issues to serve key global stakeholders.

Stakeholder Comments & Comment End Date:

Specific comments should be emailed to certification16@globalgreentag.com with the following information within 30 days before Saturday 14th November 2026

Stakeholder's Name:

Organisation:

Position:

Email:

Phone:

General Comments:

1 Application

The European Committee for Standardisation (CEN) standard EN 15804+A2 2019 serves as Master PCRs for developing all construction product EPDs. To support lower impact building EPDs provide quantified, harmonised environmental data for construction products or services, including information on health-related emissions in building use. The Master PCR ensures EPDs employ:

- Consistent, verifiable data based on LCA to assess building environmental health performance.
- A platform to communicate such data to consumers in contexts to compare products.
- Effective inter-businesses communication on environmental information.

Underlying sub-PCRs define product sets with specified functionality, and as new environmental health laws are enacted, they are developed with file names and version clearly identified. They define valid consistent LCA scope and units for EPDs. The PCR Moderator is Delwyn Jones of Ecquate Pty Ltd.

2 Goal

The goal of this sub PCR is to guide EPD development for defined product sets with specified functionality. Users include specifiers, manufacturers and stakeholders. It is valid for all such defined products and related components according to standards and technical approvals noted herein.

3 Terms of Validity

Product Category: Interior Floor Covering Sub-PCR:2026 IFC. Issued 14/10/2026 valid to 14/10/2031

4 Authors

This sub-PCR was compiled by Delwyn Jones and Dr Nana Bortsie-Aryee, Program Director, GGTI approved their adoption for the Global GreenTag^{Cert™} EPD program.

5 System Boundary with Nature

The LCA scope is cradle to grave as defined by ISO14025. The system boundary includes resource acquisition, manufacture, transport, installation, use and waste to end of life stages. EPDs must define information modules A1 to C4 in and stages D1 to 3 beyond the system boundary as in Figure 1. They must include all known operations and declare all results including zero flows.

Information Actual				Scenarios												Assumed			
Stage	Product			Construct		Building							End-of-Life				Beyond		
	A1	A2	A3			Fabric					Operate								
Module	A1	A2	A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D1	D2	D3
Operation	Resource	Transport	Manufacture	Transport	Construct	Use	Maintain	Repair	Replace	Refurbish	Energy use	Water use	Demolish	Transport	Process Waste	Disposal	Reuse	Recovery	Recycling

Figure 1 Modules A1 to C4 Within the System Boundary and D Beyond

6 Product Set Definition

The declared product set includes interior floorcovering used for all buildings including fabrications of:

- resilient, dry or wet areas, moisture resistant, carpet, felting, underlay or backing made from:
- woven, non-woven, homogenous, heterogeneous, melded, laminated, cast or extruded forms of:
- metal, wood, pulp, paper, polymer, vinyl, rubber, plaster, wool, hair, fibre, fabric or composites

System outcomes and results are declared per unit mass to reflect product performance at reference conditions of exposure, strength, wear, temperature and humidity defined by 14025:2006, 6.7.

6.1 Declared Unit

The declared product and brand kg/m² floor covering for internal applications.

6.2 Functional Unit

Declared product use for 60 years /kg or m² from cradle to grave plus beyond the system boundary.

Specifications must conform to International and Australian Standards or other equivalent recognised standards where relevant, including:

- Australian and New Zealand Standard AS/NZS 2111.1:1996 Textile Floor Coverings – Test and Measurements – Machine-made Textile Floor Coverings – Determination of Total Thickness.
- AS 1884 Floor coverings – Resilient sheet and tiles.
- ASTM F970 Standard Test Method for Static Load Limit and EN 425/ISO 4918 Chair Castors test.
- AS ISO 9239 Reaction to fire tests for flooring; BCA Spec C1.10 Reaction to Fire and BCA section C1.10a Fire Hazard Properties – Floors, Walls and Ceilings.
- AS/NZS 1860.1:2002 Particleboard Flooring-Specifications; EN ISO 10582:2012 Resilient Floorcoverings Heterogeneous Vinyl Floorcoverings Specification; EN ISO 105874: 2012 Resilient, Laminate and Textile Floorcoverings Classification.
- AS 4586 Slip resistance classification of new pedestrian surface materials.
- EN 13893 Resilient, laminate and textile floor coverings; EN 660-2 Determination of wear resistance; EN ISO 10581 Resilient floor coverings specifications.
- International Standards Association Standard ISO/TC 219 – Floor Coverings; ISO 14486:2012 Laminate Floor Covering – Specification.

7 Normative References

EN 15643-1: 2021: Sustainability of construction works - Sustainability assessment of buildings – Part 1 general framework, CEN

CEN/TR 15941 - 2024: Sustainability of construction works – Environmental Product Declarations-Methodology for the selection of generic data CEN

CEN/TR 15942 - 2021: Sustainability of construction works - Environmental Product Declarations-Communication formats: business to business, CEN

CENCML LCA methodology, Institute of Environmental Sciences (CML), Faculty of Science, University of Leiden, Netherlands CEN

EN 15804:2012+A2:2019: Sustainability of construction works - Environmental product declarations - Core rules for the product category of construction products, CEN

Intergovernmental Panel on Climate Change IPCC 2013, Global Warming Potential 100-year, IPCC Fifth Assessment Report Climate Change.

Intergovernmental Panel on Climate Change. 2021. Assessment Report 6 Climate Change 2021: The Physical Science Basis.

ISO 9001:2015 Quality Management Systems Requirements

ISO 14001:2018 Environmental management systems: Requirements with guidance for use

ISO 14004:2016 EMS: General guidelines on principles, systems & support techniques

ISO 14015:2022 EMS: Environmental assessment of sites & organizations (EASO)

ISO 14020:2022 Environmental labels & declarations — General principles

ISO 14024:2018 Environmental labels & declarations -- Type I Principles & procedures

ISO 14025:2006 Environmental labelling & declarations Type III EPDs Principles & procedures

ISO 14027: 2017 Environmental labels and declarations; Development of product category rules

ISO 14031:1999 EM: Environmental performance evaluation: Guidelines

ISO 14040:2006 EM: Life cycle assessment (LCA): Principles & framework

ISO 14044:2006 EM: LCA: Requirement & guideline for data review: LCI, LCIA, Interpretation results

ISO 14064:2006 EM: Greenhouse Gases: Organisation & Project reporting, Validation & verification

ISO 15392:2008 Sustainability in building construction General principles

ISO 15686-1:2011 Buildings & constructed assets Service life planning Part 1: General principles

ISO 15686-2:2012 Buildings & constructed assets - Service life planning - Part 2: Service life prediction procedures.

ISO 15686-8:2008 Buildings and constructed assets - Service-life planning - Part 8: Reference service life and service-life estimation.

ISO 21929-1:2011 Sustainability in building construction Sustainability indicators Part 1 Framework

ISO 21930:2017 Sustainability in building construction: Environmental declaration of building products

ISO 21931-1:2017 Sustainability in building construction Framework for methods of assessment for environmental performance of construction works Part 1: Buildings

ISO 21932:2013 Sustainability in buildings and civil engineering works -- A review of terminology