



# Global GreenTag<sup>Cert™</sup>

INTERNATIONAL EPD PROGRAM

Sub-PCR Fitted Cabinetry 2023 FIC V1

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**GREEN TAG**  
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green product certification  
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**GLOBAL GREENTAG INTERNATIONAL PTY LTD**

**ENVIRONMENTAL PRODUCT DECLARATION (EPD) PROGRAM**

**Type III EPDs**

**Compliant to**

**EN 15804:2012 +A2:2019,  
ISO 14025 and  
ISO 21930  
Standards**

**For construction products**

**Sub Product Category Rules (PCR) based on Life Cycle Analysis**

**Fitted Cabinetry Sub-PCR 2023 FIC V1**

## I. Application

While CEN Standard EN 15804:2012+A2:2019 Sustainability of construction works: Environmental product declarations: Core rules for the product category of construction products serves as core Product Category Rules (PCR)s pertaining to all product categories, this document contains sub-PCRs for a particular product category. The former is called the PCR master document and the latter is called the sub-PCR. When new product assessments are needed, a sub-PCR is developed and new rules defined for that category. As environmental health legislation is enacted, rules in the master document shall be revised with file name and revisions clearly marked so all such PCRs are identifiable for those points in time.

## II. Authors

These product category rules, compiled by Delwyn Jones, Director Sustainability, The Evah Institute a Division of Ecuate Pty Ltd have been customised for this product class by Yasmin Kelly, Product Assessor, and Deputy EPD Manager Global GreenTag International. Rules were approved for Global GreenTag adoption by Nana Bortsie-Aryee, Program Director, Global GreenTag International Pty Ltd.

## III. Terms of Validity

Product Category Rules Fitted Cabinetry sub-PCR 2023 FIC V1

PCR issue date 05/06/2023 and

Period of validity to 05/06/2026

## IV. Goal

The intended goal of this sub-PCR is a guide for developing EPDs for sets of defined products 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.

## V. Product Set Definition

The declared product set includes storage cabinets fitted and fixed to the base building used for interior applications of all kinds having:

- Fitted storage for kitchen, bathroom, utility and craft room functionality including fabrications of:
- Metal, polymer, timber, pulp, glass material types formed as
- Homogenous, heterogeneous, cast and extruded physical forms etc.

Specifications must conform to International and Australian Standards including:

- AS 1859.1:2017 Reconstituted wood-based panels - Specifications Particleboard
- AS 4386:2018 Cabinetry in the built-in environment — Commercial and domestic
- AS/NZS 4790:2006 (R2016) Furniture - Storage units - Determination of strength and durability

System outcomes and results are declared per kg/m<sup>2</sup> and reflect product performance at reference conditions of strength, wear, temperature and humidity defined by 14025:2006, 6.7.

## VI. Declared Unit

The declared unit is fitted cabinetry with shelves/kg in any building sector including cradle to gate scope (A1-A3).

## VII. Functional Unit

The functional is 20 years use of interior fitted cabinetry with shelves/kg declared product including cradle to gate (A1-A3) plus options and beyond the system boundary.

## VIII. Normative References

- AS 1859.1:2017 Reconstituted wood-based panels - Specifications Particleboard
- AS 4386:2018 Cabinetry in the built-in environment — Commercial and domestic
- AS/NZS 4790:2006 (R2016) Furniture - Storage units - Determination of strength and durability
- CENT/TR 15941 - 2010: Sustainability of construction works – Environmental Product Declarations- Methodology for the selection of generic data, CEN
- CENT/TR 15942 - 2014: Sustainability of construction works - Environmental Product Declarations- Communication formats: business to business, CENCML LCA methodology, Institute of Environmental Sciences (CML), Faculty of Science, University of Leiden, Netherlands
- EN 15643-1: 2011: Sustainability of construction works - Sustainability assessment of buildings – Part 1 general framework, CEN
- EN 15643-2: 2011: Sustainability of construction works - Sustainability assessment of buildings – Part 2 framework for assessment of environmental performance, CEN
- EN 15804:2012+A2:2019:- Sustainability of construction works - Environmental product declarations - Core rules for the product category of construction products, European Committee for Standardisation (CEN)
- EN15978 - 2011: Sustainability of construction works - Assessment of environmental performance of buildings - Calculation method, European Committee for Standardisation, CEN
- ISO 6707-1:2004 Building and civil engineering: Vocabulary Part 1: General terms
- ISO 9001:2008 Quality Management Systems Requirements
- ISO 14001:2004 Environmental management systems: Requirements with guidance for use
- ISO 14004:2004 EMS: General guidelines on principles, systems & support techniques
- ISO 14015:2001 EMS: Environmental assessment of sites & organizations (EASO)
- ISO 14020:2000 Environmental labels & declarations — General principles
- ISO 14024:2009 Environmental labels & declarations -- Type I Principles & procedures
- ISO 14025:2006 Environmental labelling & declarations Type III EPDs Principles & procedures
- ISO 14031:1999 EM: Environmental performance evaluation: Guidelines
- ISO 14040:2006 EM: Life cycle assessment (LCA): Principles & framework, London, BSI, 2006.
- ISO 14044:2006 EM: LCA: Requirement & guideline LCI; LCIA Interpretation, London, BSI, 2006.
- ISO 14050:2009 Environmental management: Vocabulary
- 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 (SL) planning Part 2: prediction
- ISO 15686-8:2008 Buildings & constructed assets SL planning Part 8: Reference & estimation

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