

DIN EN 17610:2022-11 (E)

Building hardware - Environmental product declarations - Product category rules complementary to EN 15804 for building hardware

Contents		Page
European foreword		4
1	Scope	5
2	Normative references	6
3	Terms and definitions	7
4	Abbreviations	7
5	General aspects	8
5.1	Objective of the Core PCR	8
5.2	Types of EPD with respect to life cycle stages covered	8
5.3	Comparability of EPD for construction products	8
5.4	Additional environmental information	8
5.4.1	General	8
5.4.2	Additional impact indicators	9
5.4.3	Additional information on carbon offset, carbon storage and delayed emissions	9
5.4.4	Additional Information not derived from LCA	9
5.5	Ownership, responsibility and liability for the EPD	9
5.6	Communication formats	9
6	Product Category Rules for LCA	9
6.1	Product category	9
6.2	Life cycle stages and their information modules to be included	9
6.2.1	General	9
6.2.2	A1-A3, Product stage, information modules	9
6.2.3	A4-A5, Construction process stage, information modules	9
6.2.4	B1-B5, Use stage, information modules related to the building fabric	9
6.2.5	B6-B7, use stage, information modules related to the operation of the building	9
6.2.6	C1-C4 End-of-life stage, information modules	10
6.2.7	D, Benefits and loads beyond the system boundary, information module	10
6.3	Calculation rules for the LCA	10
6.3.1	Functional or declared unit	10
6.3.2	Functional unit	10
6.3.3	Declared unit	12
6.3.4	Reference service life (RSL)	12
6.3.5	System boundaries	14
6.3.6	Criteria for the exclusion of inputs and outputs	16
6.3.7	Selection of data	16
6.3.8	Data quality	16
6.3.9	Developing product level scenarios	16
6.3.10	Units	16
6.4	Inventory analysis	16
6.4.1	Collecting data	16
6.4.2	Calculation procedures	16
6.4.3	Allocation of input flows and output emissions	16
6.4.4	Information on biogenic carbon content	17
6.5	Impact assessment	17
6.5.1	General	17
6.5.2	Core environmental impact indicators	17

6.5.3	Additional environmental impact indicators	18
7	Content of the EPD	18
7.1	Declaration of general information	18
7.2	Declaration of environmental indicators derived from LCA	18
7.2.1	General	18
7.2.2	Rules for declaring LCA information per module	18
7.2.3	Indicators describing environmental impacts based on Life Cycle Impact Assessment (LCIA)	18
7.2.4	Indicators describing resource use and environmental information based on Life Cycle Inventory (LCI)	18
7.2.5	Information on biogenic carbon content	19
7.3	Scenarios and additional technical information	19
7.3.1	General	19
7.3.2	Construction process stage	19
7.3.3	B1-B7 use stage	19
7.3.4	End-of-life	20
7.4	Additional information on release of dangerous substances to indoor air, soil and water during the use stage	20
7.4.1	Indoor air	20
7.4.2	Soil and water	20
7.5	Aggregation of information modules	20
8	Project report	20
8.1	General	20
8.2	LCA-related elements of the project report	20
8.3	Documentation on additional information	20
8.4	Data availability for verification	20
9	Verification and validity of an EPD	20
	Annex A (normative) Requirements and guidance on the reference service life	21
	Annex B (informative) Waste	22
	Annex C (normative) Characterization factors for GWP, ODP, AP, EP, POCP and ADP	23
	Annex D (informative) End of life formulae	24
	Annex E (informative) Schemes to be applied for data quality assessment of generic and specific data	25
	Bibliography	26