

DIN EN 15804:2014-07 (E)

Sustainability of construction works - Environmental product declarations - Core rules for the product category of construction products (includes Amendment A1:2013)

Contents		Page
Foreword		4
Introduction		5
1	Scope	6
2	Normative references	6
3	Terms and definitions	7
4	Abbreviations	11
5	General aspects	12
5.1	Objective of the Core PCR	12
5.2	Types of EPD with respect to life cycle stages covered	12
5.3	Comparability of EPD for construction products	15
5.4	Additional information	15
5.5	Ownership, responsibility and liability for the EPD	16
5.6	Communication formats	16
6	Product Category Rules for LCA	16
6.1	Product category	16
6.2	Life cycle stages and their information modules to be included	16
6.2.1	General	16
6.2.2	A1-A3, Product stage, information modules	16
6.2.3	A4-A5, Construction process stage, information modules	16
6.2.4	B1-B5, Use stage, information modules related to the building fabric	17
6.2.5	B6-B7, use stage, information modules related to the operation of the building	17
6.2.6	C1-C4 End-of-life stage, information modules	17
6.2.7	D, Benefits and loads beyond the system boundary, information module	17
6.3	Calculation rules for the LCA	18
6.3.1	Functional unit	18
6.3.2	Declared unit	18
6.3.3	Reference service life (RSL)	19
6.3.4	System boundaries	19
6.3.5	Criteria for the exclusion of inputs and outputs	25
6.3.6	Selection of data	26
6.3.7	Data quality requirements	26
6.3.8	Developing product level scenarios	27
6.3.9	Units	27
6.4	Inventory analysis	28
6.4.1	Collecting data	28
6.4.2	Calculation procedures	28
6.4.3	Allocation of input flows and output emissions	28
6.5	Impact assessment	30
7	Content of the EPD	30
7.1	Declaration of general information	30
7.2	Declaration of environmental parameters derived from LCA	32

7.2.1	General	32
7.2.2	Rules for declaring LCA information per module	32
7.2.3	Parameters describing environmental impacts	32
7.2.4	Parameters describing resource use	33
7.2.5	Other environmental information describing different waste categories and output flows	34
7.3	Scenarios and additional technical information	35
7.3.1	General	35
7.3.2	Construction process stage	36
7.3.3	B1-B7 use stage	37
7.3.4	End-of-life	40
7.4	Additional information on release of dangerous substances to indoor air, soil and water during the use stage	41
7.4.1	Indoor air	41
7.4.2	Soil and water	41
7.5	Aggregation of information modules	41
8	Project report	41
8.1	General	41
8.2	LCA-related elements of the project report	42
8.3	Documentation on additional information	43
8.4	Data availability for verification	43
9	Verification and validity of an EPD	44
Annex A (normative) Requirements and guidance on the reference service life		45
Annex B (informative) Waste		48
B.1	End-of-waste	48
B.2	Properties of hazardous waste for Table 5	48
Annex C (normative) Characterisation factors for GWP, ODP, AP, EP, POCP and ADP		49
Bibliography		65