

Milieuprestatieverklaring

Nederlandse bijlage Raam- en deurkrukken en beslag

Behorend bij:

Owner of the Declaration	ARGE; European Federation of Associations of Lock and Builders Hardware Manufacturers
Programme holder	Institut Bauen und Umwelt e.V. (IBU)
Publisher	Institut Bauen und Umwelt e.V. (IBU)
Declaration number	EPD-ARG-20160192-IBG1-EN
ECO EPD Ref. No.	ECO-0000410
Issue date	14.09.2016
Valid to	13.09.2021

Door and window handles ARGE; European Federation of Associations of Lock and Builders Hardware Manufacturers

Deze bijlage is alleen geldig in combinatie met de bijbehorende ARGE EPD en voor producten geleverd door een licentienemer van de Algemene Branchevereniging VHS



AXA Stenman Nederland B.V. is als licentienemer van de Algemene branchevereniging VHS gerechtigd deze EPD te verstrekken





Basis voor opname in de Nationale Milieudatabase (NMD)

LCA resultaten

Basisprofielen		Productie	Transport- >bouw	Emissies	Onderhoud	Transport- >afval	Afvalverwerking
Fase(n) EN 15804		A1 + A2 + A3 (+ A5)	A4	B1	B2	C2	C3 (+ C1, C4 en/of D)
Naam basisprofiel		VHS Raam- en deurkrukken en beslag	VHS Raam- en deurkrukken en beslag	VHS Raam- en deurkrukken en beslag	VHS Raam- en deurkrukken en beslag	VHS Raam- en deurkrukken en beslag	VHS Raam- en deurkrukken en beslag
Eenheid basisprofiel		kg	kg	kg	kg	kg	kg
Commentaar							
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Abiotic depletion,	les estimates an	0 7005 00	4.0405.00	0.0005.00	0.0005.00	4 0005 00	4 0005 00
non fuel Abiotic depletion,	kg antimoon eq.	3,796E-03	1,948E-06	0,000E+00	0,000E+00	1,669E-08	1,908E-09
fuel	kg antimoon eq.	4,776E-02	4,316E-03	0,000E+00	0,000E+00	3,699E-05	3,330E-05
Global warming (GWP100)	kg CO2 eq.	7,256E+00	5,889E-01	0,000E+00	0,000E+00	5,047E-03	5,833E-03
Ozone layer depletion (ODP)	kg CFK-11 eq.	5,394E-07	1,081E-07	0,000E+00	0,000E+00	9,262E-10	4,882E-10
Photochemical oxidation	kg ethyleen eq.	1,182E-02	2,678E-04	0,000E+00	0,000E+00	2,295E-06	1,245E-06
Acidification	kg SO2 eq.	2,527E-01	2,391E-03	0,000E+00	0,000E+00	2,049E-05	1,899E-05
Eutrophication	kg PO4- eq.	7,187E-02	4,062E-04	0,000E+00	0,000E+00	3,482E-06	3,040E-06
Human toxicity	kg 1,4- dichloorbenzeen eq.	3,381E+01	2,486E-01	0,000E+00	0,000E+00	2,131E-03	6,134E-04
Fresh water aquatic ecotox.	kg 1,4- dichloorbenzeen eq.	6,157E-01	7,939E-03	0,000E+00	0,000E+00	6,805E-05	6,011E-05
Marine aquatic ecotoxicity	kg 1,4- dichloorbenzeen eq.	8,018E+03	1,008E+02	0,000E+00	0,000E+00	8,642E-01	3,044E+00
Terrestrial ecotoxicity	kg 1,4- dichloorbenzeen eq.	1,530E-01	9,606E-04	0,000E+00	0,000E+00	8,233E-06	1,107E-05
Total renewable	MJ	7,664300371	0,112162177	0	0	0,00096139	0,008880741
energy Total non	MJ	108,5202035	9,128218113	0	0	0,07824187	0,101266987
renewable energy Total Energy	MJ	116,1845038	9,24038029	0	0	0,07920326	3,394755158
Water, fresh water use	m3	0,118045406	0,001721171	0	0	1,47529E-05	3,55766E-05
Waste, non hazardous	kg	22,65768504	0,468094875	0	0	0,004012242	0,002912618
Waste, hazardous	kg	1,069823315	0,005697163	0	0	4,88328E-05	0,000649125

Opmerkingen:

- Bij opname in de NMD is rekening gehouden met een levensduur van 10 jaar
 Er is een conversiefactor van 0,744 toegepast (gewicht/stuk)

ENVIRONMENTAL PRODUCT DECLARATION

as per ISO 14025 and EN 15804

Owner of the Declaration	ARGE; European Federation of Associations of Lock and Builders Hardware Manufacturers
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(This EPD is valid only for products supplied by an ARGE EPD licence holder)



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General Information

Name of the manufacturer

Programme holder

IBU - Institut Bauen und Umwelt e.V. Panoramastr. 1 10178 Berlin Germany

Declaration number

EPD-ARG-20160192-IBG1-EN

This Declaration is based on the Product Category Rules:

Building Hardware products, 02.2016 (PCR tested and approved by the SVR)

Issue date

14.09.2016

Valid to

13.09.2021

Wirennames

Prof. Dr.-Ing. Horst J. Bossenmayer (President of Institut Bauen und Umwelt e.V.)

Mann

Dr. Burkhart Lehmann (Managing Director IBU)

Name of the product

Owner of the Declaration

ARGE; European Federation of Associations of Lock and Builders Hardware Manufacturers Offerstraße 12, 42551 Velbert Germany

Declared product / Declared unit

1 kg of door or windows handle

Scope:

This Association EPD covers handles used in building for opening doors. The reference product used to calculate the impacts for this group of products is a door handle composed primarily of brass and steel, selected as the product having the highest impact by means of sustainability of the sample group. A validity scope analysis has been carried out to determine the limiting factors for door and windows handles eligible to be covered by this industry representing EPD. The LCA assessment is based on brass door handle mainly made of brass and steel. In a preliminary study (simplified LCA), it turned out, that this EPD represents the worst case approach in order to cover all the door or windows handles manufactured in Europe by ARGE's member companies. Among the product group, it is the one with the highest impact for 1 kg of product.

The owner of the declaration shall be liable for the underlying information and evidence; the IBU shall not be liable with respect to manufacturer information, life cycle assessment data and evidences.

Verification

The CEN Norm /EN 15804/ serves as the core PCR
Independent verification of the declaration
according to /ISO 14025/

internally x externally

Dr. Frank Werner (Independent verifier appointed by SVR)

2. Product

2.1 Product description

This EPD covers door and window handle, mechanisms to allow the opening and maintaining in a closed position of a door or window. It covers products with different raw material composition and different designs.

2.2 Application

These products are designed to be integrated into door or windows assemblies of varying materials and applications. They may be used for either interior or exterior doors and for all kinds of doors.

2.3 Technical Data

Normative reference: EN1906 Lever handles and knob furniture

Door and window handles acc. to the classification in EN 1906

Name	Value	Unit
Category of use	1 - 4	Grade
Durability	6, 7	Grade
Test door mass	-	Grade
Suitability for fire resistance & smoke control doors	0, A, A1, B, B1, C, C1, D, D1	Grade
Safety	0, 1	Grade
Corrosion resistance	0-5	Grade
Security – burglar resistance	0-4	Grade
Type of operation	A, B, U	Grade



2.4 Application rules

For the placing on the market in the EU/EFTA (with the exception of Switzerland) the Regulation (EU) No 305/2011 "Construction products regulation" has to be regarded.

In detail, the following harmonized product standard applies:

/EN 1906/ Building hardware – Lever handles and knob furniture.

In case that the products need to get CE-marked, a "declaration of performance" in accordance with this standard is obligatory.

For the application and use, respective additional national provisions may apply.

2.5 Delivery status

The products are sold by unit. Deliveries of a single unit might be possible but will be an exception. Regular deliveries will cover a larger amount of door and window handles as they are put on the market as "b to b" product and not for a final customer.

2.6 Base materials / Ancillary materials

Regarding the product analysed for this EPD:

The values are given for the product analysed for this EPD, ranges of the values for each material for the validity scope are given in brackets in this table.

Name	Value	Unit
Brass (0.00% – 74.15%)	74.15	%
Steel (0.00% - 89.48%)	24.97	%
Polyethylene high density (0.00% – 0.65%)	0.61	%
Polyoxomethylene (0.00% – 8.51%)	0.27	%
Aluminium (0.00% – 68.97%)	0	%
Stainless steel (0.00%– 62.45%)	0	%
Nylon 6 (0.00% – 27.54%)	0	%
Nylon 66 (0.00% – 0.21%)	0	%
Zamac (0.00% – 9.24%)	0	%
Zinc (0.00% – 93.41%)	0	%
Epoxy (0.00% – 18.19%)	0	%

Nylon 66 and Acetal as ancillary material.

The product contains no substances cited on the REACH list of hazardous substances.

Zamak is an alloy of four separate metals: zinc, aluminium, magnesium and copper.

Steel is produced by combining iron with carbon as well as other elements depending on the desired characteristics. The subcomponents made of steel are formed by stamping.

Brass is an alloy of zinc and copper. Subcomponents made of brass are made by forging.

Nickel silver is an alloy of copper (~60%) with nickel (~20%) and zinc (~20%). Subcomponents made of nickel silver are formed by stamping.

Nylon 66 is a polyamide produced by the polycondensation of hexamethylenediamine and adipic acid in equal parts. This can then be combined with glass fibres to improve its mechanical properties. Subcomponents made of nylon are formed by injection moulding.

Acetal, or polyoxymethylene, is produced via polymerisation of anhydrous formaldehyde. Subcomponents made of acetal are also formed by injection moulding.

2.7 Manufacture

The production of a handle regularly follows a 3 step procedure:

1. Prefabrication of the semi- finished products, this step might include a surface treatment on factory site or by external manufacturers.

2. Preassembly of assembly modules (onsite factory)3. Final assembly (onsite factory)

The individual parts of the product are assembled manually.

2.8 Environment and health during manufacturing

Regular measurements of air quality and noise levels are performed by ARGE members manufacturers. The results are within the compulsory safety levels. In areas where employees are exposed to chemical products, prescribed safety clothes and technical safety devices are provided. Regular health checks are mandatory for employees of production sites.

2.9 Product processing/Installation

The installation of the product could vary depending on the type of door and the specific situation but products do not require energy consumption for installation.

2.10 Packaging

Normally each single product is packaged in paper. Door or window handles are then packed in a cardboard box and stacked on wooden pallets for transport to the customer (door or window manufacturers).

Wastes of product packaging are collected separately for waste valorisation including recycling.

2.11 Condition of use

Once installed, the products require no servicing during their expected service lives. There is no consumption of water or energy linked to their use, and they do not cause any emissions.

2.12 Environment and health during use

No environmental damage or health risks are expected within the normal conditions of use of the product.

2.13 Reference service life

The Reference Service Life for this product is 10 years. This is based on mechanical endurance test as specified in the EN 1906. The product is guaranteed to maintain its performance for at least 100 000 cycles of use.

2.14 Extraordinary effects

Fire

The product is suitable for use in fire resisting and/or smoke control door set and windows set according to 1 of the classes 0, A, A1, B, B1, C, C1, D, D.

Water

The declared product is designated to be used in regular conditions of a building indoor or outdoor use. A handle is composed mainly of metal or plastic components and does not eluate hazardous ingredients in case of an unforeseen flooding.

Mechanical destruction

In case of mechanical destruction of the declared



product, it does not perform any impact on the environment or alter its substantial composition.

2.15 Re-use phase

Used components of a door or windows handle are materials of high quality. After use stage, they can be recycled. In case of the disassembly of the product, no impacts on the environment are to be concerned. As a rule, re-using the handle as a hardware device as a whole will not be an economical procedure.

2.16 Disposal

In case of the disassembly of a door or window, the product might be removed and disposed separately.

3. LCA: Calculation rules

3.1 Declared Unit

The declared unit for door and windows handles covered in this Association EPD is 1 kg. As single door and window handle units of the same production type can be custom made for an application situation and the weight of those variations of the same product type may be considerable, it is more appropriate to declare the weight of the product and the weight of the representative product rather than one item. An evaluation of 11 samples of characteristic product individuals based on sales figures was taken for the LCA results described in section 5, the worst case product has been taken for the result of this EPD.

Declared unit

Name	Value	Unit
Declared unit mass	1	kg
Mass of declared product	0.749	kg

The EPD is valid only for EPDs with the range of the material composition as specified in section 2.6.

3.2 System boundary

The type of the EPD is "cradle-to-grave". The analysis of the product life cycle includes the production and transport of the raw materials, manufacture of the product and the packaging materials, which are declared in modules A1-A3. Losses during production are considered as waste and are sent to recycling. No recycling processes are taken into account except transport and an electricity consumption for grinding the metals. When recycled metals are used as raw material, only their transformation process is taken into account and not the extraction of the raw material.

A4 module represents the transport of the finished product to the installation site.

There is no waste associated with the installation of the product. The A5 module therefore represents only the disposal of the product packaging.

For the RSL considered for this study, there are no inputs or outputs for the stages B1-B7.

The End-of-Life (EoL) stages are also considered. The transportation to the EoL disposal site is taken into account in module C2. Module C4 covers the disposal of the door and window handles. Module C3 covers the recycling of the individual elements according to European averages, with the remaining waste divided between incineration and landfill. The same assumption as for waste to recycling in A3 is used here.

For end-of-life modules (C1 to C4) the system boundaries from the /XP P01-064/CN/ standard have

Since this is a simple procedure, the handle might get recycled completely. The waste code in accordance with the /European Waste Code/ is 17 04 07.

2.17 Further information

Builders hardware handles are manufactured in several different designs and construction types in general. Variations are subject to different types, sizes and requirements of the door/window. In general, the same product types might be suitable for wooden, steel or plastic based doors or windows. Details to be shown on the manufacturers' websites listed on http://arge.org/members/membersdirectory.html.

been followed, see annex H.2 and H.6 of this standard document for figures and further details.

In practice, the end-of-life has been modeled as follows:

- When a material is sent to recycling, generic transport and electric consumption of a shredder is taken into account (corresponding to the process "Grinding, metals"). Only then, the material is considered to have attained the "end-of-waste" state. - Each type of waste is modeled as a transport to the treatment site with a distance of 30 km (source: /FD P01-015/). Parts sent to recycling include an electricity consumption (grinding) and a flow ("Materials for recycling, unspecified").

Four scenarios for the end-of-life of the products have been declared for this EPD:

- one with 100% of the product going to landfill
- one with 100% of the product going to incineration
- one with 100% of the product going to recycling

- one mixed scenario consisting of the previous three scenarios, values depending of the amount of waste going to recycling.

Module D has not been declared.

3.3 Estimates and assumptions

The LCA data of the declared handle has been calculated by the production data of in total 3 member companies of the ARGE associations, collecting data on 11 different products. These companies had been chosen by ARGE as being representative by means of their production processes and their market shares. The handle chosen as representative for this calculation follows the "worst case" principle as explained under section 6. LCA interpretation.

3.4 Cut-off criteria

The cut -off criteria considered are 1% of renewable and non-renewable primary energy usage and 1% of the total mass of that unit process. The total neglected input flows per module shall be a maximum of 5% of energy usage and mass.

For this study, all input and output flows have been considered at 100%, including raw materials as per the product composition provided by the manufacturer and packaging of raw materials as well as the final product. Energy and water consumptions have also been considered at 100% according to the data provided. With the approach chosen, no significant environmental impacts are known to have been cut-off.



3.5 Background data

For life cycle modelling of the considered product, all relevant background datasets are taken from the ecoinvent 3.1 – Alloc Rec database. The life cycle analysis software used is SimaPro (V8.0.5), developed by PRé Consulting.

3.6 Data quality

The time factor, the life cycle inventory data used comes from:

Data collected specifically for this study on the ARGE manufacturers' sites. Data sets are based on 1-year averaged data (time period: January 2013 to December 2013).

In the absence of collected data, generic data from the ecoinvent V3 database. This is updated regularly and is representative of current processes (the entire database having been updated in 2014).

3.7 Period under review

The data of the LCA is based on the annual production data of several member companies of ARGE Associations from 2013.

Other values, e.g. for the processing of the base materials, are taken from the/ ecoinvent v3/.1 Alloc Rec where the dataset age varies for each dataset, see ecoinvent documentation for more information.

3.8 Allocation

The products are produced in numerous production sites. All data were provided by the manufacturers of the products per unit and then divided by the mass of the product to give a value per kg of product produced. The assumptions relating to the EoL of the product are described in the section System Boundaries.

3.9 Comparability

Basically, a comparison or an evaluation of EPD data is only possible if all the data sets to be compared were created according to /EN 15804/ and the building context, respectively the product-specific characteristics of performance, are taken into account. The used background database has to be mentioned.

4. LCA: Scenarios and additional technical information

The following technical information is a basis for the declared modules or can be used for developing specific scenarios in the context of a building assessment if modules are not declared (MND).

Transport to the building site (A4)

Name	Value	Unit
Litres of fuel	0.0045	l/100km
Transport distance	3500	km
Capacity utilisation (including empty runs)	36	%

Installation into the building (A5)

Name	Value	Unit
Material loss	0.137	kg

Reference service life

Name	Value	Unit
Reference service life (condition of use: see §2.13)	10	а

End of life (C1-C4)

Name	Value	Unit
Collected separately (All scenarii)	1	kg
Recycling (Mixed scenario)	0.609	kg
Energy recovery (Mixed scenario)	0.18	kg
Landfilling (Mixed scenario)	0.211	kg
Incineration (100% incineration	1	kg
scenario) Scenario 1	I	Ng
Landfilling (Landfill scenario)	1	ka
Scenario 2	•	Ng Ng
Recycling (100% recycling	1	ka
scenario) Scenario 3	1	Ng

An assumption of a 16-32 tons truck transport of the product over 30 km between the dismantling site and the next treatment site is made (source: FD P01-015).

Reuse, recovery and/or recycling potentials (D), relevant scenario information

As Module D has not been declared, materials destined for recycling have been accounted for in the

indicator "Materials for recycling" however no benefit has been allocated.



5. LCA: Results

In Table 1 "Description of the system boundary", the declared modules are indicated with an "X"; all modules that are not declared within the EPD but where additional data are available are indicated with "MND". Those data can also be used for building assessment scenarios. The values are declared with three valid digits in exponential form.

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 | ADPF = /
kg of
C2/1
.61E-4 9 | Abiotic c
door
c2/2

 | or wi
C2/3
9.61E-4 | n poten
ndov
C3
8.84E-3
 | v han
C3/1
3 0.00E
 | dle
C3/2
 | 0 1.72E- | 2 4.51E-5 | C4/1
 | 2 2.11E-2 | C4/3
0.00E+0 |
| Parame
PER | eter I | Unit A
[MJ] 6.
[MJ] 1. | 02E+0 1 | A4
.12E-1 1.
.00E+0 | A5
30E-2 0.1
-
06E+1
 | CE US
C1
00E+0 9.0
00E+0 0.0 | urces; A
SE: 1
C2
61E-4 9
00E+0 0.

 | ADPF = /
kg of
C2/1
.61E-4 9
.00E+00 | Abiotic c
door
c2/2
0.61E-4 9
.00E+0

 | or wi
C2/3
9.61E-4
0.00E+0 | n poten
ndov
C3
8.84E-(
0.00E+
 | v han
C3/1
3 0.00E
0 0.00E
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 | Urces
C3/3
0 1.72E-
0 0.00E+ | 2 4.51E-5 | C4/1
5 1.14E-2
0.00E+(
 | 2 2.11E-2
0.00E+0 | C4/3
0.00E+0
0.00E+0 |
| Paramo
PER
PER
PER | eter I | Unit /
[MJ] 6.
[MJ] 1.
[MJ] 1.
[MJ] 1. | A1-A3
02E+0 1
22E+1 0.
82E+1 1
08E+2 9. | A4
.12E-1 1.
.00E+0
1.
.12E-1 1.
1.3E+0 2. | A5
30E-2 0.0
-
06E+1 0.0
-
06E+1 0.0
16E-1 0.0
 | C1
00E+0 9.0
00E+0 0.0
00E+0 9.0
00E+0 7.1 | urces; A
5E: 1
C2
51E-4 9
00E+0 0.
51E-4 9
32E-2 7

 | ADPF = /
kg of
C2/1
.61E-4 9
.00E+0
0
.61E-4 9
.82E-2 7 | Abiotic c
door
C2/2
0.61E-4
0.00E+0
0.61E-4
0.61E-4
0.61E-4

 | or with the second seco | n poten
ndov
C3
8.84E-:
0.00E++
8.84E-:
1.00E-*
 | v han
C3/1
3 0.00E
0 0.00E
3 0.00E
1 0.00E
 | C3/2 +00.00E+ +00.00E+ +00.00E+ +00.00E+ +00.00E+
 | UTCES
C3/3
0 1.72E-
0 0.00E+
0 1.72E-
0 1.95E- | 2 4.51E-5
0 0.00E+0
2 4.51E-5
1 9.99E-4 | C4/1
5 1.14E-2
0.00E+(
5 1.14E-2
4 3.86E-1
 | 2 2.11E-2
0.00E+0
2 2.11E-2
3.53E-1 | C4/3
0.00E+0
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| Paramo
PER
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PENF | eter I E M T RE RM | Unit A [MJ] 6. [MJ] 1. [MJ] 1. [MJ] 1. [MJ] 1. [MJ] 2. | A1-A3
02E+0 1
22E+1 0.
82E+1 1
08E+2 9.
66E-1 0. | A4
.12E-1 1.
.00E+0
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.13E+0 2.
.00E+0-6 | A5
30E-2 0.0
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06E+1 0.0
-
06E+1 0.0
16E-1 0.0
.52E-2 0.0
 | CEU
C1
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00E+0 9.0
00E+0 7.1
00E+0 0.0 | urces; A
SE: 1
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51E-4 9
00E+0 0.
51E-4 9
32E-2 7
00E+0 0.

 | ADPF = /
kg of
C2/1
.61E-4 9
.00E+00
.61E-4 9
.82E-2 7
.00E+00 | Abiotic c
door
C2/2
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 | or will
C2/3
9.61E-4
9.00E+0
9.61E-4
7.82E-2
0.00E+0 | n poten
ndov
C3
8.84E-:
0.00E++
8.84E-:
1.00E-:
0.00E++
 | v han
C3/1
3 0.00E
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3 0.00E
1 0.00E
 | cssil reso c3/2 +00.00E+ +00.00E+ +00.00E+ +00.00E+ +00.00E+ +00.00E+
 | UICES
C3/3
0 1.72E-
0 0.00E+
0 1.72E-
0 1.95E-
0 0.00E+ | 2 4.51E-5
00.00E+(
2 4.51E-5
1 9.99E-4
00.00E+(| C4/1
5 1.14E-2
0 0.00E+0
5 1.14E-2
4 3.86E-1
0 0.00E+0
 | 2 2.11E-2
0.00E+0
2 2.11E-2
1 3.53E-1
0.00E+0 | C4/3
0.00E+0
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0.00E+0 |
| Parama
PER
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SM | eter I E M T RE RM RM RT | Unit A [MJ] 6. [MJ] 1. | A1-A3 02E+0 1 22E+1 0. 82E+1 1 08E+2 9. 66E-1 0. 08E+2 9. 49E-1 0. | A4
.12E-1 1.
.00E+0 1.
.12E-1 1.
.13E+0 2.
.00E+0 -6
.13E+0 1.
.00E+0 0. | SOUR
30E-2 0.1

 | CEU
00E+0 9.0
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00E+0 9.0
00E+0 7.3
00E+0 0.0
00E+0 7.3
00E+0 0.0 | urces; A
5E: 1
61E-4 9
00E+0 0.
61E-4 9
00E+0 0.
61E-4 9
00E+0 0.
62E-2 7
00E+0 0.

 | ADPF = /
kg of
C2/1
.61E-4 9
.00E+0 0
.61E-4 9
.82E-2 7
.00E+0 0
.82E-2 7
.00E+0 0 | Abiotic c
door
C2/2
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 | or with c2/3 2.61E-4 2.000E+0 0.000E+0 0.000E+000E+ | ndov
C3
8.84E-
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C3/1
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 | Urces
C3/3
0 1.72E-
0 0.00E+
0 1.95E-
0 0.00E+
0 1.95E-
0 0.00E+
0 1.95E-
0 0.00E+ | 2 4.51E-5
0 0.00E+0
2 4.51E-5
1 9.99E-4
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1 9.99E-4
0 0.00E+0
1 9.99E-4
0 0.00E+0 | C4/1
5 1.14E-2
0 0.00E+(
5 1.14E-2
1 1.14E-2
1 3.86E-1
0 0.00E+(
1 3.86E-1
0 0.00E+(
 | 2 2.11E-2
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2 2.11E-2
3.53E-1
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0.00E+0 | C4/3
0.00E+0
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| Paramo
PER
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SM
RSF | eter I E M T RE RM RT | Unit A [MJ] 6. [MJ] 1. [MJ] 0. | A1-A3 02E+0 1 22E+1 0. 82E+1 1 08E+2 9. 66E-1 0. 08E+2 9. 49E-1 0. 00E+0 0. | A4
.12E-1 1.
.00E+0 1.
.12E-1 1.
.13E+0 2.
.00E+0 6.
.13E+0 1.
.00E+0 0.
.00E+0 0. | A5
30E-2 0.1
06E+1 0.1
16E-1 0.1
52E-2 0.1
51E-1 0.1
00E+0 0.1
00E+0 0.1
 | CEU
00E+0 9.0
00E+0 9.0
00E+0 9.0
00E+0 9.0
00E+0 7.3
00E+0 0.0
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00E+0 0.0 | urces; A
5E: 1
62
00E+0 0.
61E-4 9
00E+0 0.
61E-4 9
00E+0 0.
02E-2 7
00E+0 0.
00E+0 0.
00E+0 0.

 | ADPF = /
kg of
C2/1
.61E-4 9
.00E+0
.61E-4 9
.82E-2 7
.00E+0
.82E-2 7
.00E+0
.00E+0
.00E+0 | Abiotic c
door
c2/2
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.12E-1 1.
00E+0 1.
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.12E-1 1.
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00E+0 0.
.00E+0 0. | SOUF A5 30E-2 - 06E+1 - 06E+1 - 06E+1 - 06E+1 16E-1 0.52E-2 51E-1 00E+0 01E+2 01E+2 | CE U C1 00E+0 9.1 00E+0 9.2 0.0 00E+0 9.2 0.0 00E+0 0.0 0.0 | urces; A SE: 1 C2 31E-4 900E+0 51E-4 932E-2 700E+0 32E-2 32E-2 700E+0 32E-2 32E-2 32E-2 00E+0 00E+0 00E+0 00E+0 48E-5 1 y exclus s raw m non-res s raw m Non-res s raw m c2 33E-5 401E-3

 | ADPF = / kg of Kg of 61E-4 9 .61E-4 9 .61E-4 9 .61E-4 9 .82E-2 7 .00E+0 .82E-2 7 .00E+0 .82E-2 7 .00E+0 .00E+0 .00E+0 .00E+0 .00E+0 | Abiotic
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 | Or wi C2/3 9.61E-4 0.00E+00 9.61E-4 0.00E+00 0.00E+01 1.48E-5 primary = Total ry energy RSF = ater CATI C2/3 4.83E-5 4.01E-3
 | n poten ndow c3 8.84E-3 0.00E+1 8.84E-3 1.00E-1 0.00E+1
 | v han C3/1 C3/1 30.00E 0.00E 00.00E 0.00E 10.00E 0.00E 00.00E 0.00E | C3/2 C3/2 C3/2 C3/2 C0.00E+ 0.00E+
 | UTCES
C3/3
0 1.72E-
0 0.00E+
0 1.72E-
0 0.00E+
0 1.95E-
0 0.00E+
0 0 | 2 4.51E-5
0 0.00E+(
2 4.51E-5
1 9.99E-4
0 0.00E+(
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1 9.99E-4
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0 0.00E+(
0 0.00E+(
5 1.96E-6
aw mater
ergly resc
1.96E-6
aw mater
ergly resc
bary fuels
C4
4 3.33E-4
3 1.49E-3
 | C4/1 1.14E-2 0.00E+(1.14E-2 0.00E+(1.14E-2 1.14E-2 3.86E-1 0.00E+(3.86E-1 0.00E+(3.86E-1 0.00E+(0. | 2 2.11E-2
0.00E+0
2 2.11E-2
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3.42E-4
RM = Us
2 ENRE =
2 ENRE =
2 Use of n
Use of n
C4/2
1.24E-3
1.00E+0 | C4/3
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C4/3
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| Paramo
PER
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RT
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F | Unit / [MJ] 6. [MJ] 1. [MJ] 1. [MJ] 1. [MJ] 1. [MJ] 1. [MJ] 1. [MJ] 0. [M] | x1-A3 02E+0 02E+0 22E+1 0.82E+1 0.82E+2 66E-1 0.08E+2 66E-1 0.00E+0 0.00E+0 0.00E+0 | A4
.12E-1 1.
.00E+0 1.
.12E-1 1.
.13E+0 2.
.00E+0 0.
.00E+0 0.
.00E+0. | SOUF A5 30E-2 - 06E+1 0.1 - 06E+1 16E-1 0.52E-2 0.51E-1 0.00E+0 0.00E+0 0.00E+0 0.00E+0 0.00E+0 0.00E+0 0.01E+0 0.02E+0 0.03E-4 e prima sources = Use of JTPUI dle A5 06E-3 06E-3 01E-2 26E-6 | CE U C1 00E+0 9.1 00E+0 9.1 00E+0 9.1 00E+0 9.1 00E+0 0.0 00E+0 0.0 0.0 0.0 0.0 00E+0 1.1 ry energis s used as xcluding s used as s used as xcluding s used as 1.0 00E+0 1.1 0.0 0.0 0.0 | urces; A
SE: 1
C2
31E-4 9
00E+0 0.
31E-4 9
32E-2 7
00E+0 0.
32E-2 7
00E+0 0.
32E-2 7
00E+0 0.
00E+0 0.
00E+0.
00E+0.
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00E+0.
00E+0.
00E+0.
00E+

 | ADPF = / kg of C2/1 .61E-4 .00E+0 .61E-4 .61E-4 .82E-2 .00E+0 .82E-2 .00E+0 .82E-2 .00E+0 .01G .01G .01G .01G | Abiotic c
door
C2/2
0.61E-4
0.00E+0
0.61E-4
0.00E+0
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C3/3
0 1.72E-
0 0.00E+
0 1.72E-
0 1.95E-
0 0.00E+
0 1.95E-
0 0.00E+
0 0</td> <td>2 4.51E-5
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2 4.51E-5
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3.53E-1
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0.00E+0
0.00E+0
3.342E-4
RM = Us
PENRE =
Use of n
Use of n
C4/2
1.24E-3
1.00E+0
2.65E-6</td> <td>C4/3
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 | v han C3/1 C3/1 0 0.00E 0 0.00E 1 0.00E 1 0.00E 0 0.00E | C3/2 C3/2 C3/2 C0.00E+ 0.00E+
 | UTCES
C3/3
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tar | C4/1 1.14E-2 0.00E+(1.14E-2 1.14E-2 1.14E-2 1.14E-2 1.14E-2 1.3.86E-1 0.00E+(3.86E-1 0.00E+(3.86E-1 0.00E+(3.86E-1 0.00E+(1.3.86E-1 0 | 2 2.11E-2
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RM = Us
PENRE =
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RE
RT | Unit A [MJ] 6. [MJ] 1. [MJ] 0. OF Thermal state | x1-A3 02E+0 02E+10 22E+1 0.82E+1 0.00E+0 0.00E+0 0.00E+0 0.00E+0 0.00E+0 1.8E-1 JJse of r imary e wable p imary e imary e vindov imary | A4 .12E-1 .00E+0 1.1 .12E-1 .1.12E-1 .1.12E-1 .1.13E+0 .00E+0 .13E+0 .00E+0 .12E-3 .13E-5 .00E+0 | SOUR A5 30E-2 - 06E+1 0.6E+1 0.6E+1 0.6E+1 0.6E+1 0.6E+1 0.6E+1 0.52E-20.0 51E-1 0.00E+0.0 00E+0.0 | CE U C1 00E+0 9.1 00E+0 9.1 00E+0 9.1 00E+0 0.2 0.2 0.2 00E+0 1.1 1.1 1.1 ry energing s used as xcluding s used as xcluding s used as 1.2 1.2 f renewa T FLOV C1 0.2 C1 0.2 0.2 0.2 0.2 00E+0 0.2 0.2 0.2 0.2 00E+0 0.2 0.2 0.2 0.2 | Urces; A
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 | ADPF = / kg of C2/1 .61E-4 .00E+0 .61E-4 .61E-4 .82E-2 .00E+0 .82E-2 .00E+0 .82E-2 .00E+0 .82E-2 .00E+0 .01E-3 .01E-3 .01E-3 .01E-3 .01E-3 .00E+0 | Abiotic c
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18SF = 7 total | In poten ndow C3 8.84E-3 0.00E+1 8.84E-3 1.00E-1 0.00E+1
 | v han C3/1 C3/1 3 0.00E 0.00E 0 0.00E 0.00E 1 0.00E 0.00E 0 0.00E 0.00E
 | C3/2 C3/2 C0.00E+ 0.00E+ 0.00E
 | C3/3 0 1.72E- 0 0.00E+ 0 1.72E- 0 0.00E+ 0 1.95E- 0 0.00E+ 0 0.105E- 0 0.00E+ | 2 4.51E-5
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Captio | eter I E I M I T I RE I RE I RT I RE I RE I RE I RE I F I F I renee I renee I Of door I O I J I R I | Unit A [MJ] 6. [MJ] 1. [MJ] 1. [MJ] 1. [MJ] 1. [MJ] 1. [MJ] 1. [MJ] 0. [M] 0. [M] 0. [M] 0. [Kg] 1. [Kg] 2. [Kg] 0. [Kg] 0. [Kg] 0. | x1-A3 02E+0 02E+10 22E+1 22E+1 82E+1 08E+29 66E-1 008+29 49E-1 000E+0 00E+0 00E+1 Use of r imary e material Vindov 14-A3 07E+0 07E+0 26E+1 75E-4 000E+0 00E+0 | A4 .12E-1 .00E+0 .1.1 .12E-1 .1.1 .12E-1 .1.1 .12E-1 .1.1 .12E-1 .1.1 .12E-1 .1.1 .12E-1 .1.1 .13E+0 .00E+0 .00E+0 .00E+0 .00E+0 .00E+0 .00E+0 .00E+0 .00E+0 .13E+5 .00E+0 .00E+0 .00E+0 .00E+0 .00E+0 .00E+0 | SOUF A5 30E-2 30E-2 06E+1 0.1 52E-2 51E-1 0.00E+0 0.00E+0 0.00E+0 0.00E+0 0.00E+0 0.00E+0 0.01E+0 0.01E+0 0.02E+0 0.03E-4 0.1 0.01E+0 0.01E+2 0.1E-2 26E-6 0.02E+0 0.02E+0 0.01E+0 0.01E+0 0.01E+0 0.01E+0 0.00E+0 0.00E+0
 | CE U C1 00E+0 00E+0 0.0 00E+0 1.4 00E+0 4.1 00E+0 0.0 00E+0 0.0 00E+0 0.0 00E+0 0.0 00E+0 0.0 | urces; A SE: 1 C2 51E-4 50E+00. 51E-4 9 52E-2 30E+00. 52E-2 30E+00. 32E-2 30E+00. 32E-2 30E+00. 00E+00. 00E+00. 00E+00. 00E+00. 00E+00. 00E+00. 00E+00. 00E+00. 00E+01. VS A1 C2 33E-5 401E-3 25E-7 00E+00. 00E+00. 00E+00. 00E+00. 00E+00. 00E+00. 00E+00. 00E+00.

 | ADPF = / kg of C2/1 .61E-4 .00E+0 .61E-4 .61E-4 .82E-2 .00E+0 .01E-3 .00E+0 .00E+0 .00E+0 .00E+0 .00E+0 .00E+0 .00E+0 | Abiotic c
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(| A1-A3 02E+0 02E+0 22E+1 02E+0 22E+1 02E+0 82E+1 08E+29 66E-1 008E+29 449E-1 000E+0 00E+0 00E+0 00E+0 00E+1 1BE-1 Use of r imary e wable p rmaterial IELC, vindov 1-A3 07E+0 26E+1 75E-4 00E+0 00E+0 00E+0 00E+0 00E+0 00E+0 00E+0 00E+0 | A4 .12E-1 .00E+0 .1.1 .12E-1 .1.1 .12E-1 .1.1 .12E-1 .1.1 .12E-1 .1.1 .13E+0 .00E+0 .1 .64E-3 .1 .64E-3 .13E-5 .00E+0 .00E+0 .00E+0 .00E+0 .00E+0 .00E+0 .00E+0 | SOUR A5 30E-2 30E-2 - 0.6E+1 - 0.6E+1 - 0.6E+1 - 0.6E+1 - 0.6E+1 1.6E+1 0.52E-2 0.51E-1 0.00E+0 0.01E-2 0.26E-6 0.00E+0 26E-6 0.00E+0 26E-6 0.00E+0 26E-1 0.00E+0 26E-1 0.00E+0 26E-1 0.00E+0 0.0E+0 0.0E+0 0.0E+0 0.0E+0 0.0E+0 < | CE U C1 00E+0 9.0 00E+0 9.0 00E+0 9.0 00E+0 0.0 00E+0 0.0 00E+0 0.0 0.0 0.0 | urces; A SE: 1 C2 31E-4 900E+0 31E-4 900E+0 31E-4
 932E-2 30E+0 32E-2 00E+0 32E-2 00E+0 00E+0 00E+0 00E+0 00E+0 00E+0 00E+0 00E+0 00E+0 x
 | ADPF = / kg of C2/1 .61E-4 .00E+0 .61E-4 .61E-4 .82E-2 .00E+0 .82E-2 .00E+0 .00E+1 .00E+0 .00E+1 .00E+1 .00E+1 .00E+0
 | Abiotic c
door
c2/2
0.61E-4
0.00E+0
0.61E-4
0.00E+0
0.00E+0
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 | Or wil C2/3 9.61E-4 0.00E+00 9.61E-4 0.00E+00 7.82E-2 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+01 1.48E-5 primary = Total ry energy RT = Total RSF = rater C2/3 4.83E-5 4.01E-3 5.25E-7 0.00E+00 0.00E+00 0.00E+00 0.00E+00
 | In poten ndow C3 8.84E-3 0.00E+4 8.84E-3 0.00E+4 8.84E-3 0.00E+4
 | v han c3//i c3//i 30.00E 0.00E 00.00E 0.00E 10.00E 0.00E 00.00E 0.00E | C3/2 C3/2 C3/2 C0.00E+ 0.00E+ 0.00E+<
 | Urces
C3/3
0 1.72E-
0 0.00E+
0 1.72E-
0 0.00E+
0 1.95E-
0 0.00E+
0 0 | 2 4.51E-5
0 0.00E+(
2 4.51E-5
1 9.99E-4
0 0.00E+(
0 0.00E+(
0 0.00E+(
0 0.00E+(
0 0.00E+(
0 0.00E+(
1.96E-6
aw mater
ergy resc
erials; Pl
ary energ
lary fuels
C4
4 3.33E-4
3 1.49E-3
6 5.56E-5
0 0.00E+(
0 0.00E+(
0. | C4/1 1.14E-2 0.00E+(1.14E-2 0.00E+(1.14E-2 1.14E-2 1.14E-2 1.14E-2 1.14E-2 3.86E-1 0.00E+(1.38E-1 0.00E+(1.38E-1 0.00E+(0.00E+(0.00E+(0.00E+(0.00E+(0.00E+(1.17E-3 1.139E-4
 | 2 2.11E-2
0.00E+0
2 2.11E-2
3.53E-1
0.00E+0
3.53E-1
0.00E+0
3.53E-1
0.00E+0
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0.00E+0
0.00E+0
2 2.12E-3
2 2.02E-6
0 0.00E+0
0 0.00E+0
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[MJ] | A1-A3 02E+0 02E+0 22E+1 0.82E+1 0.82E+1 0.82E+2 0.66E-1 0.08E+2 0.66E-1 0.08E+2 0.66E-1 0.00E+0 0.00E+0 0.00E+0 0.00E+0 1.18E-1 JJse of r imary e wable p rimary e materia IELC, vindov 1.14A3 07E+0 226E+1 4.75E-4 0.00E+0 0.00E+0 0.00E+0 0.00E+0 0.00E+0 0.00E+0 | A4 .12E-1 .00E+0 .1.1 .12E-1 .1.1 .12E-1 .1.1 .12E-1 .1.1 .12E-1 .1.1 .13E+0 .00E+0 .13E-5 .13E-5 .13E-5 .00E+0 .00E+0 .00E+0 .00E+0 .00E+0 .00E+0 .00E+0 .00E+0 .00E+0 | SOUR A5 30E-2 30E-2 - 0.6E+1 - 0.6E+1 - 0.6E+1 - 0.6E+1 1.6E-1 0.52E-2 0.51E-1 0.00E+0 0.01E-2 0.026-6 0.00E+0 26E-6 0.00E+0 26E-6 0.00E+0 26E-1 0.00E+0 26E-1 0.00E+0 26E-1 0.00E+0 0.0E+0 0.0E+0 0.0E+0 0.0E+0 0.0E+0 0.0E+0 | CE U C1 00E+0 9.0 00E+0 0.0 00E+0 00E+0 0.0 0.0 | urces; A SE: 1 C2 31E-4 900E+0 31E-4 900E+0 31E-4 932E-2 30E+0 32E-2 30E+0 00E+0 00E+0 00E+0 00E+0 00E+0 00E+0 00E+0 00E+0 00E+0 NS A1 25E-7 00E+0 00E+0 00E+0 00E+0 00E+0 00E+0 00E+0

 | ADPF = / kg of C2/1 .61E-4 .00E+0 .61E-4 .61E-4 .82E-2 .00E+0 .82E-2 .00E+0 .00E+0 .00E+0 .00E+0 .00E+0 .00E+0 .00E+10 .48E-5 .1 .00E+0 .00E+10 .00E+0 | Abiotic
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 | Or will C2/3 9.61E-4 0.00E+00 9.61E-4 0.00E+00 7.82E-2 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 1.48E-5 primary = Total ry energ RT = Total RSF = c2/3 4.83E-5 4.01E-3 5.25E-7 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00
 | In poten ndow C3 8.84E-3 0.00E+1 8.84E-3 0.00E+1 1.42E-3 0.00E+1 5.14E-5 0.00E+1 0.00E+1 0.00E+1
 | v han c3//i c3//i 30.00E 0.00E 00.00E 0.00E 10.00E 0.00E 00.00E 0.00E | C3/2 C3/2 C3/2 C0.00E+ 0.00E+ 0.00E+<
 | Urces
C3/3
0 1.72E-
0 0.00E+
0 1.72E-
0 0.00E+
0 1.95E-
0 0.00E+
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 | ADPF = / kg of C2/1 .61E-4 .00E+0 .61E-4 .61E-4 .82E-2 .00E+0 .82E-2 .00E+0 .82E-2 .00E+0 .00E+0 .00E+0 .00E+0 .00E+1 .00E+0 .00E+0 .00E+1 .00E+0 | Abiotic
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Other end of life scenarios have been calculated in order to build specific end of life scenario at the building level:



- scenario 1: the product is considered to be 100% incinerated

- scenario 2: the product is considered to be 100% landfilled
- scenario 3: the product is considered to be 100% recycled

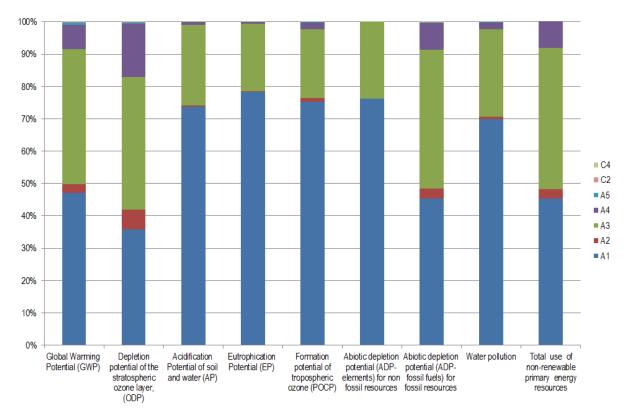
6. LCA: Interpretation

This chapter contains an interpretation of the Life Cycle Impact Assessment categories. When expressed as a percentage, the impact refers to its magnitude expressed as a percentage of total product impact across all modules, with the exception of module D.

Raw material extraction (A1) and production (A3) phases are the main contributors to all indicators. Their

impacts come from brass extraction and product packaging (cardboard). Transport phase (A4) to building site is a non-negligible contributor to the impacts, especially for the ODP indicator.

The results are conservative as complying with the composition given in section 2.6.



7. Requisite evidence

No testing results are required by the PCR part B.

8. References

ISO 14040

ISO 14040:2006-10, Environmental management – Life cycle assessment – Principles and framework (ISO 14040:2006); German and English version EN ISO 14040:2006

DIN EN ISO 14044

DIN EN ISO 14044:2006-10, Environmental Management – Life Cycle Assessment Requirements and Instructions (ISO 14044:2006); German and English version EN ISO 14044:2006

CEN/TR 15941

CEN/TR 15941:2010-03, Sustainability of construction works – Environmental Product Declarations –

Methodology for selection and use of generic data; German version CEN/TR 15941:2010

EN 1906

EN 1906:2012, Building hardware - Lever handles and knob furniture – Requirements and test methods

FD P01-015

FD P01-015:2006, Environmental quality of construction products – Energy and transport data sheet

European Waste Code

epa – European Waste Catalogue and Hazardous Waste List – 01-2002.



Ecoinvent 3.1

Ecoinvent 3.1 – Allocation Recycling database.

IBU PCR part A

Part A: Calculation Rules for the Life Cycle Assessment and Requirements on the Project report, 2016-08.

IBU PCR part B

Part B: Requirements on the EPD for Building Hardware products, 2016-02.

Institut Bauen und Umwelt

Institut Bauen und Umwelt e.V., Berlin(pub.):

Generation of Environmental Product Declarations (EPDs); www.ibu-epd.de

www.ibu-epa.a

ISO 14025

DIN EN ISO 14025:2011-10: Environmental labels and declarations — Type III environmental declarations — Principles and procedures

EN 15804

EN 15804:2012-04+A1 2013: Sustainability of construction works — Environmental Product Declarations — Core rules for the product category of construction products

Institut Bauen und Umwelt e.V.	Publisher Institut Bauen und Umwelt e.V. Panoramastr. 1 10178 Berlin Germany	Tel Fax Mail Web	+49 (0)30 3087748- 0 +49 (0)30 3087748- 29 info@ibu-epd.com www.ibu-epd.com
Institut Bauen und Umwelt e.V.	Programme holder Institut Bauen und Umwelt e.V. Panoramastr 1 10178 Berlin Germany	Tel Fax Mail Web	+49 (0)30 - 3087748- 0 +49 (0)30 – 3087748 - 29 info@ibu-epd.com www.ibu-epd.com
cetim	Author of the Life Cycle Assessment CETIM rue de la Presse 7 42952 Saint-Etienne Cedex 1 France	Tel Fax Mail Web	0033477794042 0033477794107 sqr@cetim.fr www.cetim.fr
ARGE	Owner of the Declaration ARGE; European Federation of Associations of Lock and Builders Hardware Manufacturers Offerstraße 12 42551 Velbert Germany	Tel Fax Mail Web	+49 (0)2051 9506 36 +49 (0)2051 9506 25 info@arge.org www.arge.org