

B-EPD Application ForM

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| Applicant | The name of the company/Federation The applicant’s postal address and email addressThe applicant’s website-- *Please type in this box the official name (and abbreviation) and contact information of the company or federation who will be the owner of the EPD. The applicant must be the same as the one creating an account on our EPD database. The applicant is responsible for the content of the EPD and for registering the EPD in our database.* *The applicant must create an account via* [*this link*](https://appsm.health.belgium.be/ords/02/f?p=BE_EPD:1:::NO::FSP_LANGUAGE_PREFERENCE:nl&cs=1EB6038FB91F931EA256D25D35306594D) *prior to emailing this application form to* *epd@health.fgov.be* |
| Applicant’s TVA number | The applicant’s TVA number |
| Applicant’s contact person  | The name and function of the contact person The contact person’s postal address and email address*--* *Please type in this box the person who we should contact regarding the development of the B-EPD.* |

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| Product name | The commercial name of the product(s)-- *Please type in this box the commercial name of the product(s) for which you want to establish a B-EPD.* |
| Product description | The detailed description of the product(s) + add the product data sheet and safety data sheet in attachment.*--**Please provide us a thorough description of the product such as main composition, dimensions, density and/or weight per functional unit (see below), and including packaging, materials for fixation and installation if relevant* |
| Is your product already subject of an EPD? | YES / NO*--**If you already have drafted EPD for this product, please add them as attachment to your application.* |
| Language of the B-EPD | Dutch / French / English*--**Please indicate here in which language you want your B-EPD to be drafted. For the time being you can only pick one.*  |

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| Do you want your B-EPD to be included in TOTEM? | YES / NO-- *Please type in this box whether you want your B-EPD to be included in TOTEM or not. We need this information because additional requirements may apply and we offer a one stop service: the B-EPD will be integrated in TOTEM automatically..**TOTEM is the tool developped by the regional authorities for calculating the life cycle impact of buildings/*[*www.totem-building.be*](http://www.totem-building.be) |

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| The applicant accepts that the B-EPD must be compliant to EN 15804**/A2**, any existing, relevant and validated EN c-PCR and all complementary requirements of the B-EPD program (such as NBN/DTD B 08-001, the use of the B-EPD template, complementary rules for TOTEM, ...) | YES / NO*Note: The NBN/DTD B 08-001and its complement are currently being revised in order to take into account EN 15804+A2. Both documents can allready be used awaiting this updated version.* |

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| The applicant has read and understood the general program instructions | YES / NO |
| The applicant accepts that every B-EPD must be verified by a verifier accepted by the B-EPD program | YES / NO |
| By applying for a B-EPD the applicant accepts* that costs are involved for which an invoice will be sent after the EPD is entered in the database.
* that the EPD only becomes finalized and published once the B-EPD program has received the payment of the invoice
* that the applicant is responsible for the payment of the invoices of the B-EPD program, of the LCA consultants and any other involved party such as the third party verifier. The B-EPD program does not intervene in the contracts between the applicant and the LCA concultant or 3rd party verifier
 | YES / NO-- Costs * LCA/EPD: invoiced directly by the LCA expert to the applicant
* Verification: invoiced directly by the verifier to the applicant
* Administrative costs: invoiced by the program operator (FOD) to the owner of the EPD prior to granting the EPD. The cost implies a one time fee of 150 euro for the creation of an account, and a fee per EPD entry of 200 euro. If an EPD contains multiple impact tables (e.g. per components or different products) then this will have to be split up over different EPD entries.
 |
| The applicant grants rights to the B-EPD program to transfer his EPD to tools such as TOTEM, HQE, BREEAM, NMD, ... | YES / NO |

Next table only needs to be filled in IN CASE THE APPLICANT WANTS HIS B-EPD TO BE INTEGRATED IN TOTEM. We need this information to be able to return to you the required functional unit / declared unit / Application unit.

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| Intended use(s) |

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| Intended uses / application | Fixation possibilities |
| 1 | E.g. Exterior insulation for flat roofs. | 1.1. | loose laid |
|  |  | 1.2 | with stainless screws |
| 2. | Insulation of cavity walls | 1.1. | With metal hooks |
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*--**Please type here an exhausitive and detailed list of intended uses based on Annex 1 to this form. Per intendued use the ways for installing and fixating the product shall be listed.* |
| Fixations | The applicant prefers the materials necessary for installing and fixating the product in the construction works to be Included / excluded (choose one). *--**We will assess this request together with TOTEM* |
| Packaging | Packaging of the product is included / is excluded / always sold without packaging. |
| Did the applicant have a look at TOTEM knowing how his product is incorporated in the generic elements?  | YES / NO-- *TOTEM is currently developping a tutorial* |
| What would be your function unit / declared unit? | In case of a declared unit: the unit.In case of a functional unit: * The delivered function (“what”)
* the extent of the function or service (“how much”)
* The expected level of quality (“how well”);
* The duration/life time of the product (“how long”)

*--* *Please type here a proposal for functional unit or declared unit. In case you want your B-EPD to be included in TOTEM we will check the feasibility with TOTEM.* |
| The applicant agrees that his B-EPD can be transfered to TOTEM | YES / NO |
| The applicant agrees with the basic requirements for B-EPD to be included in TOTEM | YES / NO*--* *Some basic requirements are listed in Annex 2.* |
| Thermal performance characteristics  | *--* *Please list here the thermal performance characteristics of the product* |

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| Place and date | Signature of responsible person and function of that person*Note : the responsible person signing this document must be someone entitled to engage the company for the investment of an EPD as this application form has fincancial consequences* |

**ANNEX 1** – overview of possible intended uses / applications

If the intended use for your product is missing, please contact us.

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| Finishing of inner and outer walls, floors, ceilings, roofs, … | Suspended ceilings |
|  | Finishing for exterior walls |
|  | Finishing vertical walls from the inside |
|  | Finishing of floors |
|  | Finishing of stairs |
|  | Finishing ceilings |
|  | Roofs finishing |
|  | Others Finishings |
| Technical installations / fluids | Flue gas discharge channels |
|  | Wastewater drainage |
|  | Rainwater discharge |
|  | Water supply |
|  | Gas distribution |
|  | Cooling (central cooling installations) |
|  | Heating (central heating) |
|  | Air conditioning, ventilation |
|  | Other |
| Roofs | Structural elements such as roof plates, beams, trusses, etc. for flat roofs, pitched roofs, arched roofs … |
|  | Thermal or acoustic insulation for inclined roofs |
|  | Air, vapor or water barriers for roofs |
|  | Doors, windows, shutters,… for roofs |
|  | Exterior finishing e.g. roof tiles, ballast for flat roof, … |
|  | Other |
|  | Thermal or acoustic insulation for flat roofs |
| Soil, foundations | Floors on ground |
|  | Thermal insulation for floors on open ground |
|  | Foundations, retaining walls |
|  | Pile foundations, sheet piles |
|  | Other |
| Technical installations / electricity | Primary electricity grid (high voltage, emergency group, ...) |
|  | Secondary electricity grid (sockets, pipes, ...) |
|  | Lighting |
|  | Communication |
|  | Transport (elevators, escalators, ...) |
|  | Other |
| Stairs | Stairs (straight, spiral, escape stairs, etc.) |
|  | Handrails for stairs |
|  | Finishing |
| Floors, galleries, balconies, walkways | Structural elements such as monolithic floors and slab floors, vaults, balconies |
|  | Thermal or acoustic insulation for floors between floors |
|  | Raised floors, retractable stairs, … |
|  | Finishing (e.g. floor covering) |
| Interior walls | Load-bearing or non-load-bearing interior walls |
|  | Thermal or acoustic insulation for interior walls |
|  | Thermal or acoustic insulation for both exterior and interior wall |
|  | Doors, windows, shutters, … |
|  | Interior finish |
| Outer walls | Load-bearing and non-load-bearing exterior walls, curtain walls |
|  | Thermal or acoustic insulation of the outer wall |
|  | Thermal or acoustic insulation of the outer and inner wall |
|  | Air, vapor or water barriers |
|  | Doors, windows, shutters, … |
|  | Finishing for exterior walls |
| Outside the building | Ground finishing (clinkers, curbstones, plants, ...) |
|  | Drainage, inspection pit, … |
|  | Heat pump |
| Building frames such beams and columns | Steel structures |
|  | Thermal or acoustic insulation for both exterior and interior walls |
|  | Beams and columns |
| Doors and windows | For exterior walls |
|  | For interior walls |
|  | For roofs |
|  | Other |
| Ceilings | Suspended ceilings |
|  | Finishing ceilings |
|  | Water-retaining layer, vapor barrier, ... for supporting structures of buildings |

**ANNEX 2** – basic requirements for inclusion in TOTEM

* The EPD is compliant to the B-EPD Program
* The EPD (both A123 and the modules after gate) must be respresentative for the product on the Belgian market
* All EN15804+A2 indicators, both core and additional ones, are declared
* Following life cycle stages are declared A1-A3, A4, A5, B2, C1, C2, C3, C4, D (\*)
* Raw material, substance, preparation cannot be integrated in TOTEM
* At least 1 application unit is entered (an application unit are prefefined fields in the database translating the declared or functional unit into one or more applications at building level. E.g. translating m³ to an application per m² with a certain thickness. Scalability can be indicated.
* All multilangual information is entered in the database. Some information must be provided in Dutch, French and English. E.g. a short product description.
* The circularity indicators (the table related to reversibility) are in the EPD (see annex 3)
* Give permission for the EPD to be publically visible and to be used by third party calculations (TOTEM)

(\*) for A5 and B2 some exceptions are possible.

**ANNEX 3** – indicators for reversibility

.At least for all different applications in the application unit a qualitative assessment of the reversibility shall be given per type of fixation and/or installation. It is allowed to extend this table with other fixations not included in this EPD.

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| --- | --- | --- | --- | --- | --- | --- | --- |
| Description | Type of fixing | Level of reversibility | Simplicity of disassembly  | Speed of disassembly | Ease of handling (size and weight) | Robustness of material (material resistance to disassembly) | Damage to other elements |
| Describe to what element or other product the product is installed to | Description of ancillary material and way of fixing. See table below for options. | Indicate the level of reversibility based on the table below per type of fixing. | per type of fixing, choose from* simple – no specific dismantling tools required
* simple – use of dismantling tools required
* complex – requires specific tools and/or several workers
* complexe – requires specific know-how, tools and/or several workers
 | Per type of fixing choose from- very speedy disassembly- speedy disassembly- rather slow disassembly- slow disassembly | Per type of fixing choose from* easy to handle manually, one workers is usually sufficient
* can be handled manually, but size and/or weight may require more than one worker
* can be handled manually, but size and/or weight requires two or more workers
* handling requires mechnical devices
 | Per type of fixing choose from* the material resists well during disassembly
* disassembly is possible but should be done carefully in order not to generate any damage
* disassembly is possible but generates inevitable damage to the material
* n/a: the element is not reversible
 | Per type of fixing choose from* dissassembly does not damage the element or product attached to
* disassembly is possible but should be done carefully in order not to generate any damage to the element or product it is attached to
* disassembly is possible but generates inevitable damage to the element or product it is attached to
* n/a: the element is not reversible
 |
| e.g. Bricks joint together to form an external wall | cement mortar for masonry joints (R joint ≥ Rmat) | E.g. Non reversible fixing. |  |  |  |  |  |
| e.g. Insulation attached to concrete flat roof structure | Loose laid with ballast | e.g. reversible fixing |  |  |  |  |  |
| e.g. Insulation attached to concrete flat roof structure | screws | reversible with light repairable damage | simple - use of dismantling tools required | speedy disassembly | easy to handle manually, one workers is usually sufficient | disassembly is possible but should be done carefully in order not to generate any damage |  |
| ... | ... | ... |  |  |  |  |  |



B-EPD programma-operator

Federale overheidsdienst (FOD) Volksgezondheid,

Veiligheid van de Voedselketen en Leefmilieu



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