Order - EPD aluminum doors

| Company name: | | |
|------------------------|------|----------|
| Street: | | :Cu |
| Zip/City: | | |
| VAT: | | |
| Contact person: | R | OSENHEIM |
| Member code (VFF/ift): | | |

Please send this questionnaire and your company logo in good quality to nachhaltigkeit@ift-rosenheim.de.

Frage 1:

Product definition/product description

This EPD applies to doors and fire doors of aluminum with transparent and/or opaque infill panels (curtain walls) and are defined as follows:

| opaque infill panels (curtain walls) and a | are defined as follows: | | |
|--|---|----------------|--|
| Profile system | Face widths | | |
| System dimensions | Frame: 50–250 mm | | |
| | Leaf: | 56 – 124 mm | |
| | Installation depth: | 65/72/82/93 mm | |
| | Glass thickness: 6 - 68 mm | | |
| | Infill panel thickness: 92 mm | | |
| | Max. leaf weights: | 360 kg | |
| | Max. leaf height: | 3,000 mm | |
| System supplier | heroal-Johann Henkenjohann GmbH & Co. KG | | |
| Opening type/direction | Turn, French, folding, in combination with fixed | | |
| | light; Inward / outward opening. | | |
| Frame material | 3-chamber aluminium PVC compound | | |
| Construction type | Single, double leaf in punched and unitised con- | | |
| | struction | | |
| Thermal break | Insulators: PA66GF25, PA66GF25 LI/Low Lambda | | |
| Rebate insulation | Different plastics | | |
| Surface | A wide range of designs with a large selection of | | |
| | standard RAL and DB colours as well as Eloxal, | | |
| | Les Couleurs® Le Corbusier and heroal Surface | | |
| | Design (SD). | | |
| Infill panel | Components and masses of PU aluminium panel in | | |
| | accordance with the heroal-System. | | |
| | Insulating glass units (double and triple, here: con- | | |
| | figuration 4/12/4/12/4 mm) in accordance with EPD | | |
| | "Insulating glass units". | | |
| | Fire doors use fire-resistant glass based on the | | |
| | EPD "Pilkington Pyrostop and Pilkington Pyrodur | | |
| | monolithic fire-rated glass" (15 mm - estimated | | |
| | value). | | |
| Sealing systems | Extruded EPDM glazing gaskets | | |
| Glazing gasket | Extruded EPDM glazing gaskets | | |

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| Hardware, accessories and seals/gaskets | Accessories and hardware as well as quantities | | |
|---|--|--|--|
| | according to the heroal systems. | | |

This EPD does **not** apply to:

- escape and emergency exit doors
- finger protection doors

Additional components such as external/internal shutters, e.g. solar shading devices, etc., and drive mechanisms for automatic door systems must be considered separately.

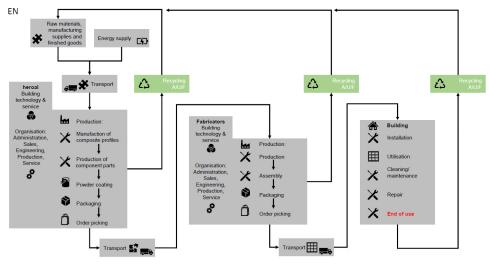
I hereby certify that I have read the product definition and the scope for this EPD. Furthermore I certify that my declared product conforms the product description and the scope!

Yes

Note:

This EPD is only valid for products which fulfill the described scope. For the creation of EPDs for additional products, please contact ift Rosenheim.

Frage 2: Product manufacture:*:



^{*}Energy and auxiliary materials used for further processing of the system components correspond to the research project for transparent building components: energy 0.75 kWh/m², lubricants 0.6 g/m²

I hereby certify that all my manufacturing processes of the product conforms the described production processes.

Yes

Note:

This EPD is not valid for different production processes. To create an EPD valid for you, please contact the ift Rosenheim.

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| Frage 3: Production site: |
|--|
| I hereby certify that the manufacturing bases of the product are located in Germany. Yes |
| Note: This EPD is only valid for manufacturing bases in Europe. For further questions please contact the ift Rosenheim. |
| Frage 4: Quality assurance (optional): |
| Would you like to provide information about the quality assurance? Is an external monitoring or quality assurance (eg RAL or similar) available? E.g. Quality assurance accordingly DIN EN 13241-1 DIN EN 14351-2 RAL-GZ 695 |
| Please note if YES: The information has to be confirmed by the proof of valid documents! |
| If NO, "No information from the manufacturer" appears in the document. |
| Frage 5: Management systems (optional): |
| Are management systems confirmed? • Quality management system according to DIN ISO 9001 • Environmental management system according to DIN ISO 14001 • Occupational safety management system according to OHSAS 18001 • Energy management system according to DIN ISO 50001 Yes No |

Please note if YES: The information has to be confirmed by the proof of valid documents such as Certificates! Please attach this.

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| Frage 6: Declarable substances: | |
|---|--|
| Are substances and preparations used, according to the | REACH-regulation? |
| Yes No | |
| Please note if YES: Appropriated proofs have to be account If NO: In accordance with the REACH candidate list, no contained. | • |
| Frage 7: Processing recommendations, installation (option) | onal): |
| Would you make processing recommendations or give product for the declared product? For example: The planning and execution of the instastate of the art. | • |
| Yes No | |
| If NO: "No details from the manufacturer" appears in the | document. |
| By returning the questionnaire, a contract between the creator and to contract is based on the general terms and conditions of use for onlithe preparation of EPDs, the general terms and conditions of busines and Guidance for the Use of ift Test Documents" (incl. ift-Logo, -picto The price for one EPD is 407 € for VFF/ift-members and 613 € for no | ne-services, the <u>special conditions of use</u> for ess of the ift -Rosenheim and the " <u>Conditions</u> gram and EPD-Logo). |
| All "model EPDs" prepared by ift Rosenheim GmbH are published o anonymization. However, it is a prerequisite that the user/future de the model-EPD prepared for him prior to the preparation and transmis This consent is given with the dispatched order of the user. The behalf of the future declaration-holder. This means that all statement, will apply also for and against the future declaration-user. | claration-holder gives his consent to publish ssion of the EPDs. user confirms that he is authorized to act on |
| I hereby confirm the above conditions. | |
| place, date signat | cure |