

BUILDING PRODUCT DECLARATION BPD 3

in compliance with the guidelines of the Ecocycle Council, June 2007

1 Basic data

| | | |
|---|--|---|
| Product identification | | Document ID WISE_IAQa_BPD3_EN |
| Product name WISE IAQa | Product no/ID designation WISE IAQa | Product group Demand controlled ventilation |
| <input checked="" type="checkbox"/> New declaration <input type="checkbox"/> Revised declaration | In the case of a revised declaration | |
| | Has the product been changed? | The change relates to Updated material list. |
| | <input type="checkbox"/> No <input type="checkbox"/> Yes | Changed product can be identified by Small letter |
| Drawn up/revised on (date) 2017-09-14 | | Inspected without revision on (date) |
| Other information: | | |

2 Supplier information

| | | | |
|---|--|---|-----------------------------|
| Company name Swegon AB | | Company reg. no/DUNS no 556077-8465 | |
| Address Industrigatan 5 SE-275 35 Tomelilla | | Contact person | |
| Website: www.swegon.com | | Telephone +46(0)41719800 | |
| Does the company have an environmental management system? | | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| The company possesses certification in compliance with | <input checked="" type="checkbox"/> ISO 9000 <input checked="" type="checkbox"/> ISO 14000 | <input type="checkbox"/> Other | If "other", please specify: |
| Other information: | | | |

3 Product information

| | | | |
|---|--|--|-----------------------------|
| Country of final manufacture Sweden | If country cannot be stated, please state why | | |
| Area of use Indoor Climate | | | |
| Is there a Safety Data Sheet for this product? | <input checked="" type="checkbox"/> Not relevant | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| In accordance with the regulations of the Swedish Chemicals Agency, please state: | Classification Labelling | <input checked="" type="checkbox"/> Not relevant | |
| Is the product registered in BASTA? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | |
| Has the product been eco-labelled? | <input checked="" type="checkbox"/> Criteria not found | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| If "yes", please specify: | | | |
| Is there a Type III environmental declaration for the product? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | |
| Other information: | | | |

4 Contents (To add a new green row, select and copy an entire empty row and paste it in)

| At the time of delivery, the product comprises the following parts/components, with the chemical composition stated: | | | | | |
|--|------------------------|---------------|--------------------------|----------------|----------|
| Constituent materials/components | Constituent substances | Weight % or g | EG no/ CAS no (or alloy) | Classification | Comments |
| PCB-contact | | 1,26% | | | |
| | Polyamide (PA/Nylon) | 0,92% | 32131-17-2 | | |
| | Bronze | 0,20% | | | |
| | Stainless steel | 0,14% | SS2331-44 | | |
| Front cover | PC | 31,5% | 103598-77-2 | | |

Data in fields highlighted in green are requirements in compliance with the Ecocycle Council guidelines.

| | | | | | |
|-----------------------------|-----------------------------|--------------|----------------------|--|--|
| Back cover | PP | 27,3% | 9003-07-0 | | |
| Lables | Polyester | 0,21% | | | |
| PCBA | | 39% | | | |
| <i>PCB</i> | <i>Epoxy *</i> | 6,9% | 253193-59-8 | | |
| | <i>Glass</i> | 10,2% | 65997-17-3 | | |
| | <i>Copper</i> | 5,5% | 7440-50-8 | | |
| | <i>Gold</i> | 0,046% | 7440-57-5 | | |
| | <i>Soldermask</i> | 0,32% | | | |
| | <i>Brome *</i> | 0,02% | | | |
| <i>Climate sensors</i> | <i>Epoxy*</i> | 0,31% | 253193-59-8 | | |
| | <i>Glass</i> | 0,46% | 65997-17-3 | | |
| | <i>Brome *</i> | 0,0009% | | | |
| | <i>Copper</i> | 0,25% | 7440-50-8 | | |
| | <i>Gold</i> | 0,013% | 7440-57-5 | | |
| | <i>Soldermask</i> | 0,015% | | | |
| | <i>Nickle</i> | 0,0073% | 7440-02-0 | | |
| | <i>Iron</i> | 1,05% | 7439-89-6 | | |
| | <i>Tin</i> | 0,021% | 7440-31-5 | | |
| | <i>Brass</i> | 0,03% | CuZn40Pb2Al | | |
| | <i>PA</i> | 0,26% | 63428-83-1 | | |
| | <i>Silicon</i> | 0,10% | 7440-21-3 | | |
| <i>Lens</i> | <i>PC</i> | 2,1% | 24936-68-3 | | |
| <i>Metal shield</i> | <i>Steel</i> | 0,79% | 7439-89-6 | | |
| <i>Aluminium electrolyt</i> | <i>Aluminaoxide/Alumina</i> | 3,15% | 1344-28-1, 7429-90-5 | | |
| <i>Connector</i> | <i>Brass</i> | 0,91% | CuZn40Pb2Al | | |
| <i>Components</i> | <i>Steel</i> | 0,31% | 7439-89-6 | | |
| | <i>Alumina</i> | 0,52% | 7429-90-5 | | |
| | <i>Plastic (PA)</i> | 0,99% | 63428-83-1 | | |
| | <i>Glass</i> | 0,42% | 65997-17-3 | | |
| | <i>Spring steel</i> | 0,42% | SS2331-44 | | |
| | <i>Aluminumoxide</i> | 0,34% | 1344-28-1 | | |
| | <i>Bariumtitanoxide</i> | 0,2% | | | |
| | <i>Nickle</i> | 0,19% | 7440-02-0 | | |
| | <i>Tin</i> | 0,99% | 7440-31-5 | | |
| | <i>Gold</i> | 0,035% | 7440-57-5 | | |
| | <i>Silicon</i> | 0,71% | 7440-21-3 | | |
| | <i>Brass</i> | 0,54% | CuZn40PbsAl | | |

Other information: * Brome in epoxy, flame retardants based on phosphorus.

If the chemical composition of the product after it is built in differs from that at the time of delivery, the content of the **finished built in product** should be given here. If the content is unchanged, no data need be given in the following table.

| Constituent materials/ components | Constituent substances | Weight % or g | EG no/ CAS no (or alloy) | Classifi- cation | Comments |
|--|-----------------------------------|--------------------------|-------------------------------------|-----------------------------|-----------------|
| Other information: | | | | | |

5 Production phase

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|--|
| For further information referring to LCA information |
| Other information: |

6 Distribution of finished product

| | | | |
|--|---------------------------------------|---|--|
| Does the supplier put into practice a system for returning load carriers for the product? | <input type="checkbox"/> Not relevant | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Does the supplier put into practice any systems involving multi-use packaging for the product? | <input type="checkbox"/> Not relevant | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |

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| | | | |
|--|---------------------------------------|---|--|
| Does the supplier take back packaging for the product? | <input type="checkbox"/> Not relevant | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Is the supplier affiliated to REPA? | <input type="checkbox"/> Not relevant | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| Other information: | | | |

7 Construction phase

| | | | | |
|--|---------------------------------------|------------------------------|--|---------------------------|
| Are there any special requirements for the product during storage? | <input type="checkbox"/> Not relevant | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | If "yes", please specify: |
| Are there any special requirements for adjacent building products because of this product? | <input type="checkbox"/> Not relevant | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | If "yes", please specify: |
| Other information: See Installation-Commissioning-Maintenance on swegon.com | | | | |

8 Usage phase

| | | | | | | |
|--|----------------------------------|--|-----------------------------------|-----------------------------------|------------------------------------|----------|
| Does the product involve any special requirements for intermediate goods regarding operation and maintenance? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | If "yes", please specify: | | | |
| Does the product have any special energy supply requirements for operation? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | If "yes", please specify: | | | |
| Estimated technical service life for the product is to be entered according to one of the following options, a) or b): | | | | | | |
| a) Reference service life estimated as being approx. | <input type="checkbox"/> 5 years | <input type="checkbox"/> 10 years | <input type="checkbox"/> 15 years | <input type="checkbox"/> 25 years | <input type="checkbox"/> >50 years | Comments |
| b) Reference service life estimated to be in the interval of 15-25 years | | | | | | |
| Other information: Reference service life is current under "normal conditions" according to on deliverytime valid product sheet. | | | | | | |

9 Demolition

| | | | | |
|--|---------------------------------------|---|--|---|
| Is the product ready for disassembly (taking apart)? | <input type="checkbox"/> Not relevant | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | If "yes", please specify: The product is easy to disassemble |
| Does the product require any special measures to protect health and environment during demolition/disassembly? | <input type="checkbox"/> Not relevant | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | If "yes", please specify: |
| Other information: | | | | |

10 Waste management

| | | | | | |
|---|---------------------------------------|---|--|---|--|
| Is it possible to re-use all or parts of the product? | <input type="checkbox"/> Not relevant | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | If "yes", please specify: | |
| Is it possible to recycle materials for all or parts of the product? | <input type="checkbox"/> Not relevant | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | If "yes", please specify: 48% plastic | |
| Is it possible to recycle energy for all or parts of the product? | <input type="checkbox"/> Not relevant | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | If "yes", please specify: Plastic is combustible waste | |
| Does the supplier have any restrictions and recommendations for re-use, materials or energy recycling or waste disposal? | <input type="checkbox"/> Not relevant | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | If "yes", please specify: | |
| Enter the waste code for the supplied product 17 02 03, 16 01 99 | | | | | |
| Is the supplied product classed as hazardous waste? | | | | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| If the chemical composition of the product differs after having been built in from that which it had at the time of delivery, meaning that another waste code is given to the finished built in product, then this should be entered here. If it is unchanged, the following details can be omitted. | | | | | |
| Enter the waste code for the built in product | | | | | |
| Is the built in product classed as hazardous waste? | | | | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Other information: | | | | | |

11 Indoor environment (To add a new green row, select and copy an entire empty row and paste it in)

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| When used as intended, the product gives off the following emissions: | | <input checked="" type="checkbox"/> The product does not have any emissions | | |
|---|---|---|-----------------------|----------|
| Type of emission | Quantity [$\mu\text{g}/\text{m}^2\text{h}$] or [$\text{mg}/\text{m}^3\text{h}$] | | Method of measurement | Comments |
| | 4 weeks | 26 weeks | | |
| | | | | |
| Can the product itself give rise to any noise? | | | | |
| Value | | Unit | Method of measurement | |
| | | | | |
| | | | | |
| | | | | |
| Can the product give rise to electrical fields? | | | | |
| Value | | Unit | Method of measurement | |
| | | | | |
| | | | | |
| Can the product give rise to magnetic fields? | | | | |
| Value | | Unit | Method of measurement | |
| | | | | |
| | | | | |
| Other information: | | | | |

References

Appendices