

## BUILDING PRODUCT DECLARATION BPD 3

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

### 1 Basic data

|                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                     |                                                                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------------------------------------------|
| <b>Product identification</b>                                                                                                                                                                                                                                                                                                                                                                          |                                                                     | Document ID SWAN_WTWa_BPD_EN                                                     |
| Product name<br>SWAN WTW-A+SWAN Ta                                                                                                                                                                                                                                                                                                                                                                     | Product no/ID designation<br>Ceiling diffuser                       | Product group<br>Air Diffusers                                                   |
| <input type="checkbox"/> New declaration<br><input checked="" type="checkbox"/> Revised declaration                                                                                                                                                                                                                                                                                                    | <b>In the case of a revised declaration</b>                         |                                                                                  |
|                                                                                                                                                                                                                                                                                                                                                                                                        | Has the product been changed?                                       | The change relates to Updated product name and product no                        |
|                                                                                                                                                                                                                                                                                                                                                                                                        | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes | Changed product can be identified by Small letter at the end of the product name |
| Drawn up/revised on (date) 2011-10-19/2014-02-25                                                                                                                                                                                                                                                                                                                                                       |                                                                     | Inspected without revision on (date)                                             |
| Other information: The product data is taken from the reference size SWAN WTW 3500-A+SWAN Ta 2-250 and is valid for all sizes of the product. The material specification is shown in % of the total weight. In the product sheet the weight is presented in kg or grams for each size. 3,5 meter wall to wall diffuser with active, passive and end parts. Active diffuser including commissioning box |                                                                     |                                                                                  |

### 2 Supplier information

|                                                           |                                                                                            |                                                                     |                             |
|-----------------------------------------------------------|--------------------------------------------------------------------------------------------|---------------------------------------------------------------------|-----------------------------|
| Company name Swegon AB                                    |                                                                                            | Company reg. no/DUNS no 556077-8465                                 |                             |
| Address Industrigatan 5<br>SE-275 35 Tomelilla            |                                                                                            | Contact person                                                      |                             |
| Website: www.swegon.com                                   |                                                                                            | Telephone +4641719800                                               |                             |
| Does the company have an environmental management system? |                                                                                            | E-mail tomelillasupport@swegon.se                                   |                             |
|                                                           |                                                                                            | <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<br><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) | Classifi- cation | Comments |
| Commissioning box                                                                                                    | Galvanized sheet steel | 43,7%         | EN 10292                 |                  |          |

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

|                                                                                                                                                                                                                                                                 |                               |                      |                                 |                        |                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|----------------------|---------------------------------|------------------------|------------------|
| Comm.box details                                                                                                                                                                                                                                                | Galvanized sheet steel        | 3,5%                 | EN 10142 Fe P02G                |                        |                  |
| Diffuser                                                                                                                                                                                                                                                        | Aluminium, EN-AW-6060         | 36,2%                |                                 |                        | natural anodized |
| Air deflectors                                                                                                                                                                                                                                                  | ABS plastic                   | 10,2%                | CAS 9003-56-9                   |                        | LG ABS H1-100    |
| Diffuser, gabels                                                                                                                                                                                                                                                | Galvanized sheet steel        | 4,2%                 | EN 10142 Fe P02G                |                        |                  |
| Diffuser, fixing device                                                                                                                                                                                                                                         | Galvanized sheet steel        | 1,8%                 | EN 10142 Fe P02G                |                        |                  |
| Rubber sealing ring                                                                                                                                                                                                                                             | EPDM 70 IRH, 2-komp.          | 0,14%                |                                 |                        |                  |
| Popnuts                                                                                                                                                                                                                                                         | Steel                         | 0,1%                 |                                 |                        |                  |
| Measuring tubes                                                                                                                                                                                                                                                 | PVC                           | 0,1%                 | CAS 9002-86-2                   |                        |                  |
| Sealing strip                                                                                                                                                                                                                                                   | Polyuretan                    | 0,03%                | CAS 64060-31-7                  |                        |                  |
| Measuring device                                                                                                                                                                                                                                                | POM                           | 0,015%               | CAS 66455-31-0                  |                        |                  |
| Cords                                                                                                                                                                                                                                                           | Polyester                     | 0,015%               |                                 |                        |                  |
| Other information:                                                                                                                                                                                                                                              |                               |                      |                                 |                        |                  |
| If the chemical composition of the product after it is built in differs from that at the time of delivery, the content of the <b>finished built in product</b> should be given here. If the content is unchanged, no data need be given in the following table. |                               |                      |                                 |                        |                  |
| <b>Constituent materials/ components</b>                                                                                                                                                                                                                        | <b>Constituent substances</b> | <b>Weight % or g</b> | <b>EG no/ CAS no (or alloy)</b> | <b>Classifi-cation</b> | <b>Comments</b>  |
|                                                                                                                                                                                                                                                                 |                               |                      |                                 |                        |                  |
|                                                                                                                                                                                                                                                                 |                               |                      |                                 |                        |                  |
| Other information:                                                                                                                                                                                                                                              |                               |                      |                                 |                        |                  |

## 5 Production phase

|                                                              |
|--------------------------------------------------------------|
| <b>For further information reffering to LCA information:</b> |
| 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            |
| 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:                                                                         |                                       |                              |                                        |                           |

## 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: |
|---------------------------------------------------------------------------------------------------------------|------------------------------|----------------------------------------|---------------------------|

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

|                                                                                                                                   |                                  |                                   |                                   |                                   |                                        |                           |
|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|----------------------------------------|---------------------------|
| 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 delivery time 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:<br>Modular design |
| 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 checked="" type="checkbox"/> Yes | <input type="checkbox"/> No            | If "yes", please specify:<br>Modular design                         |
| 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:<br>to scrapyards                          |
| 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:<br>burn plastic                           |
| 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 <b>supplied</b> product 16 01 99                                                                                                                                                                                                                                               |                                       |                                         |                                        |                                                                     |
| Is the <b>supplied</b> 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 <b>built in</b> product, then this should be entered here. If it is unchanged, the following details can be omitted. |                                       |                                         |                                        |                                                                     |
| Enter the waste code for the <b>built in</b> product                                                                                                                                                                                                                                                        |                                       |                                         |                                        |                                                                     |
| Is the <b>built in</b> 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)

| 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?  |      | <input type="checkbox"/> Not relevant | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Value                                           | Unit | Method of measurement                 |                              |                                        |
| Can the product give rise to electrical fields? |      | <input type="checkbox"/> Not relevant | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Value                                           | Unit | Method of measurement                 |                              |                                        |
| Can the product give rise to magnetic fields?   |      | <input type="checkbox"/> Not relevant | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Value                                           | Unit | Method of measurement                 |                              |                                        |