

Issue no 1

Date of latest amendment 2007-09-13

General

Product/product group: Rectangular attenuator with circular connection/ Acoustics
 Designation: CLAc
 Manufacturer: SWEGON AB, Sweden Company Reg. No: 556077-8465
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Information about the manufacturer

| | | | | |
|--|---|-------------------------------------|--------------|-------------------------------------|
| Quality assurance system established | yes | <input checked="" type="checkbox"/> | no | <input type="checkbox"/> |
| System secured by: | ISO 9001 certification | <input checked="" type="checkbox"/> | Other system | <input type="checkbox"/> |
| Environmental policy established by company management | yes | <input checked="" type="checkbox"/> | no | <input type="checkbox"/> |
| Company affiliated to ICC trade/industry programme | yes | <input checked="" type="checkbox"/> | no | <input type="checkbox"/> |
| Company EMAS registered | yes | <input type="checkbox"/> | no | <input checked="" type="checkbox"/> |
| Environmental management system established | yes | <input checked="" type="checkbox"/> | no | <input type="checkbox"/> |
| System is secured by: | ISO 14001 certification | <input checked="" type="checkbox"/> | Other system | <input type="checkbox"/> |
| Company works with Life Cycle Analysis (LCA) | yes | <input checked="" type="checkbox"/> | no | <input type="checkbox"/> |
| Other details about internal environment work: | LCA is among other things shown as a yearly investigation of the companies environmental aspects. | | | |

Product information

Criteria for environmental labelling of industry products is not available at present

| | | | | |
|---|-----|-------------------------------------|----|--------------------------|
| Recommended area of application is outlined in the technical documentation | yes | <input checked="" type="checkbox"/> | no | <input type="checkbox"/> |
| There is clear and responsibly applied labelling on the product/product group (manufacturer, product designation etc) | yes | <input checked="" type="checkbox"/> | no | <input type="checkbox"/> |
| The labelling is linked to the technical documentation so that the product can be clearly identified | yes | <input checked="" type="checkbox"/> | no | <input type="checkbox"/> |

Other labelling or certification:

1 Constituent materials

Details refer to standard products, therefore there may be some deviation depending on choice of variant, accessories etc.

| Substance | Proportion | Recycled material | Re-usable material | Recyclable material | Energy recoverable material | For disposal |
|------------------------------------|------------|-------------------|--------------------|---------------------|-----------------------------|--------------|
| Insulation, Stonewool(Cleanolon C) | 37% | 10% | 95% | 97% | 3% | |
| Plastic, Polyeten | <1% | | | | | |



| | | | | | | |
|---------------------------------|------------|-------------------|--------------------|---------------------|-----------------------------|--------------|
| Putty, Polyuretane(sikaflex521) | <1% | | | | | |
| Substance | Proportion | Recycled material | Re-usable material | Recyclable material | Energy recoverable material | For disposal |
| Galvanized steel sheet | 62% | 20% | | 100% | | |
| Rubber EPDM | <1% | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

Comments on the table: Materail declaration is based on CLAc 160-500. The table is not complete concerning shares of recycled material and recyclable material.

- Manufacturer specifies requirements for environmental declarations, or equivalent from the supplier yes no
- Manufacturer specifies requirements for product information sheets in accordance with Sweden's Chemical Products Act (cf. ISO 110141) from the appropriate supplier of chemicals yes no
- The product contains more than 1 per cent by weight of a substance that appears on Sweden's Chemicals Inspectorate's Limitation and/or Observation Lists Yes, stated in table no

Substances included on Sweden's Chemicals Inspectorate's Limitation and/or Observation Lists and whose proportion in the product > 1% by weight

| Substance | CAS Number | Proportion of finished product |
|-----------|------------|--------------------------------|
| | | |
| | | |
| | | |

2 Production

- Production plant requires permit or notification in accordance with current environmental legislation yes no
- Environmental report submitted annually to public authorities in accordance with current environmental legislation yes no
- Environmental statement can be supplied on request yes no
- Data on energy consumption and emissions to air, water and soil from the plant can be supplied on request yes no

3 Distribution of finished product

- Indicate where the product is manufactured: Swegon AB, Arvika, Sweden
- Method of transportation applicable to the product: External: Mostly lorry, Internal: Electric driven truck
- Material in packaging: Brown Cardboard
- Company affiliated to the Swedish and the German recycling systems yes no



| | | |
|--|------------------------------|--|
| Company applies a system using re-usable packaging | yes <input type="checkbox"/> | no <input checked="" type="checkbox"/> |
| Company takes back packaging | yes <input type="checkbox"/> | no <input checked="" type="checkbox"/> |

4 Construction phase

| | | |
|--|---|-----------------------------|
| Documented instructions for installation and fitting are available for the product | yes <input checked="" type="checkbox"/> | no <input type="checkbox"/> |
| Included in the documentation are requirements and recommendations for: | | |
| - safety measures to be used during handling and installation | yes <input checked="" type="checkbox"/> | no <input type="checkbox"/> |
| - handling the goods at the workplace | yes <input checked="" type="checkbox"/> | no <input type="checkbox"/> |

5 Usage phase

| | | |
|--|---|--|
| The product requires a supply of energy for operation during its intended use (electricity, power fuel, etc.) | yes <input type="checkbox"/> | no <input checked="" type="checkbox"/> |
| The product requires chemicals for operation during its intended use (coolant, lubrication oil, etc.) | yes <input type="checkbox"/> | no <input checked="" type="checkbox"/> |
| Type of chemical: | | |
| The product produces a pollution load of emissions into air/water (external environment) during its intended use | yes <input type="checkbox"/> | no <input checked="" type="checkbox"/> |
| During normal maintenance, the product requires: | | |
| - consumable materials (type) | yes <input type="checkbox"/> | no <input checked="" type="checkbox"/> |
| During normal maintenance, the product requires: | | |
| - chemicals (type) | yes <input type="checkbox"/> | no <input checked="" type="checkbox"/> |
| Documented instructions are available for the operation and maintenance of the product | yes <input checked="" type="checkbox"/> | no <input type="checkbox"/> |
| The estimated service life of the product, assuming that operation and maintenance are carried out in accordance with the manufacturer's instruction | 25 years | |

6 Demolition

| | | |
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| The product has been prepared for environmentally adopted disassembly | yes <input checked="" type="checkbox"/> | no <input type="checkbox"/> |
|---|---|-----------------------------|

Further information about disassembly: The product is re-usable or can be left to fragmentation and recycling.

7 Residual products

Refer to section 1, Constituent materials

8 Waste products

9 Indoor environment

| | | |
|---|------------------------------|--|
| A declaration concerning the indoor environment is attached to the building product declaration | yes <input type="checkbox"/> | no <input checked="" type="checkbox"/> |
|---|------------------------------|--|

