

**Issue no 1**

**Date of latest amendment 2005-05-30**

### General

Product/product group: Rectangular attenuator/ Acoustics  
 Designation: CALMO a  
 Manufacturer: SWEGON AB, Sweden Company Reg. No: 556077-8465  
 Contact (telephone, fax, e-mail): Martin Bergström, Telephone:+46 570 844 40, Fax:+46 570 175 40, E-mail:martin.bergstrom@swegon.se

### 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 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, glasswool(Cleanolon AL)	27%	75%	95%	95%	5%	
Putty, Polyuretan(sikaflex 521)	<1%					



Plastic, Polyuretan	<1%					
Substance	Proportion	Recycled material	Re-usable material	Recyclable material	Energy recoverable material	For disposal
Plastic, Polyeten	<1%					
Galvanized steel sheet	73%	20%		100%		

Comments on the table: Materail declaration is based on CALMO a 1000x800x1850. 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

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