

Building material declaration

Heating, ventilation and sanitation engineering information Type B Version 1.4

GENERAL PRODUCT GROUP INFORMATION

Product name Plexus Product Active chilled beam	Designation (design/model/item number) Plexus 60
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BUSINESS INFORMATION REGARDING THE ISSUER OF THIS BUILDING MATERIAL DECLARATION (MANUFACTURER/SUPLIER/SELLER)

(Name of company, address, telephone and fax numbers and e-mail address) LINDAB Ventilation AS Lucernemarken 17 3520 Farum Denmark Tel 0045 73 23 25 25 Lindab A/S Comfort	Other information
Kontaktperson; telefon Miroslav Dohnal	Datum för deklarationens upprättande 100310
Has a quality assurance management system been adopted? The quality assurance management system is based on	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ISO 9000 certification <input type="checkbox"/> Other system:
Has an environmental policy been adopted?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Is the company a member of the ICC Business Community Programme? Has an environmental management system been adopted?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The environmental management system is based on	<input checked="" type="checkbox"/> ISO 14000 certification <input type="checkbox"/> Other system:
Does the company work with internal life cycle audits or life cycle analyses (LCI/LCA)? Other information regarding internal environmental work (<i>maximum 225 characters</i>):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

PRODUCT INFORMATION, RANGE OF APPLICATION, LABELLING, ETC.

Is the recommended range of application included in the technical documentation? Write recommended range of application, if not included in the technical documentation:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Does the product or product group have unambiguous and permanently attached labelling (manufacturer, product name, number, etc)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Does the labelling refer to technical documentation, so that the product can be unambiguously identified?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

PRODUCT INFORMATION, DECLARATION OF CONTENTS

Substance	CAS-number	Percentage by weight	Included in OBS eller begr.lista
IRON		58,4 %	<input type="checkbox"/>
ALUMINIUM		23,8 %	<input type="checkbox"/>
COPPER		12,2 %	<input type="checkbox"/>
ZINC		3,3 %	<input type="checkbox"/>
EPOXY POLYESTER (powder coat)		1,8 %	<input type="checkbox"/>
COPPER SOLDERING		0,12 %	<input type="checkbox"/>
ACRYLATE POLYMER (latex joint)		< 0,3 %	<input type="checkbox"/>
EPDM (rubber)		< 0,06 %	<input type="checkbox"/>
Polycarbonat (teco pc40 GR20ML)		< 0,02 %	<input type="checkbox"/>
PVC		< 0,02 %	<input type="checkbox"/>
Nilon (PA6 VC30C)		< 0,003 %	<input type="checkbox"/>
CROME		< 0,001 %	<input type="checkbox"/>

Other information (e.g. percentage recovered):

Is the product a "chemical product" pursuant to the <i>Chemical Products Act</i> (LKP)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If yes, does the product contain any substance included on the KEMI classification list?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Has "a product information sheet" pursuant to the LKP been prepared for this product?	<input type="checkbox"/> Yes <input type="checkbox"/> No



1. RESOURCE USE

Does the manufacturer require suppliers to furnish environmental declarations or the equivalent?		<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Does the manufacturer require the suppliers involved to furnish a product information sheet pursuant to the LKP (ISO 110141)?		<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Does the manufacturer require that suppliers of chemical products be connected to the system? Responsible Care		<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Raw materials (including additives and input goods) and the origins of these goods:	Does the subcontractor supply environmental declarations and environmental data?	Place of origin (indicated country and approximate percentage shares):	
Raw products/input goods/substance	Spec. raw material requirements (g/kg finished goods)	Raw products/input goods/substance	
	<input type="checkbox"/> Yes		
	<input type="checkbox"/> Yes		
	<input type="checkbox"/> Yes		
	<input type="checkbox"/> Yes		
	<input type="checkbox"/> Yes		

2. PRODUCTION

Does the plant at which the product is produced require a licence of registration pursuant to the Environmental Protection Act?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Has the latest annual report included an environmental audit?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Is the plant at which the product is produced approved and registered pursuant to the EMAS regulations?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Has an environmental management system been adopted at the plant where the product is produced? Environmental system is certified via	<input checked="" type="checkbox"/> ISO 14000 certification	<input type="checkbox"/> Other system:
Other information regarding environmental matters at the plant:		
Can data regarding energy use and emissions into the air, water and soil be accessed upon request?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Are substances included on the KEMI Observation List or Restricted Substances List being used in production?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Is information regarding the amount of these substances accessible?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

3. DISTRIBUTION OF FINISHED BUILDING PRODUCTS

3.1 Indicate where the product is produced			
Are environmentally adapted logistics solutions applied to distribution?		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Method of environmentally adapted logistics:			
3.4 What material is used in packaging?	<input checked="" type="checkbox"/> Plastic	<input checked="" type="checkbox"/> Wood	<input checked="" type="checkbox"/> Cardboard or paper
		<input type="checkbox"/> Steel	<input type="checkbox"/> Other metals
Does the company apply a system of reusable packaging materials?		<input checked="" type="checkbox"/> Not applicable	<input type="checkbox"/> Yes
Does the company reclaim the packaging?		<input checked="" type="checkbox"/> Not applicable	<input type="checkbox"/> Yes
Is the company a member of the REPA system?		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No

4. BUILDING STAGE

Are there documented instructions for the assembly and installation of the product?		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Do the instructions contain requirements and recommendations regarding:			
■ how to minimise waste	<input checked="" type="checkbox"/> Not applicable	<input type="checkbox"/> Yes	<input type="checkbox"/> No
■ a description of the conditions under which the producer recovers the waste	<input checked="" type="checkbox"/> Not applicable	<input type="checkbox"/> Yes	<input type="checkbox"/> No



5. OPERATIONAL STAGE

Does the product require additional energy (electricity, fuel, etc) in operations for the intended use?	<input type="checkbox"/> Not applicable	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Does the product require chemical products in operations for the intended use (coolant, lubricant, etc)	<input type="checkbox"/> Not applicable	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Type of chemical product			
Does the product, when used as intended, give rise to environmentally damaging emissions to the air or water (outside environment)?	<input checked="" type="checkbox"/> Not applicable	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Does the product require other products for normal maintenance (gaskets, filters, etc)?	<input checked="" type="checkbox"/> Not applicable	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Type of products			
Does the product require chemical products for normal maintenance (cleaning agents, etc)?	<input checked="" type="checkbox"/> Not applicable	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Type of chemical products			
Can normal maintenance of the product give rise to environmentally damaging emissions to the air or water (outside environment)?	<input checked="" type="checkbox"/> Not applicable	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Is it possible to predict the approximate life of the product?		<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Is there a documented industry-wide standard for estimated life under various conditions?		<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Are there documented instructions for the operation and maintenance of the product?	<input type="checkbox"/> Not applicable	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Do the instructions contain information about:			
■ How to maximise the life of the product when used as intended, subject to normal wear and tear?		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
■ Energy use, energy requirements and water consumption when the product is used normally?	<input type="checkbox"/> Not applicable	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
■ How to dismantle the product (take it apart)?		<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
■ How the product and the packaging material can be reused?		<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
■ How the material of the product can be recycled?		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No

6. DISMANTLING

Does the product come prepared for environmentally friendly dismantling? <i>See point 5?</i>	<input type="checkbox"/> Not applicable	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Will the manufacturer or designated party recover the product?		<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

7. RESIDUAL PRODUCTS

Is it possible to reuse the product? <i>See point 5</i>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Is material recycling possible? <i>See point 5</i>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Is energy recovery possible? <i>See point 5</i>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Is energy recovery recommended?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Indicate whether there is a risk of especially environmentally hazardous emissions during incineration?		
Indicate how slag products resulting from incineration shall be handled:		

8. WASTE PRODUCTS

Are there parts of the product that can <i>not</i> be recovered?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
If yes, what general recommendations are there for handling this waste?		
Can the product or parts of the product be classified as hazardous waste?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
What restrictions or recommendations apply to final disposal?		

Pleas annex an indoor environmental statement to the building material declaration.

Yes No