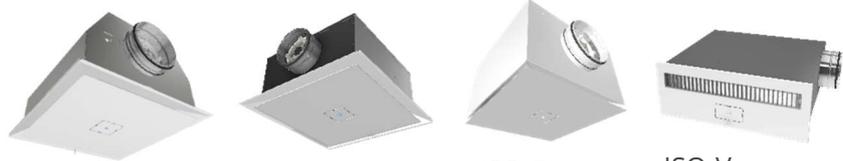


Building material declaration from Lindinvent AB based on BVBs assessments application form. The declaration follows the instructions for the level accepted as described in, "Content declaration, BVB's accounting requirements, 2022-1".

Building material declaration from Lindinvent AB



Product information



Product

Product name:	ISQ-200, ISQ-160, ISQ-F, ISQ-V	
Article No.: <i>Specify the type of number, e.g. RSK, E-number, EAN, GTIN or supplier's article number.</i>	ISQ-200, ISQ-160, ISQ-F, ISQ-V	
Product description:	A series of active ceiling supply air diffusers. They act as combined supply air units and room climate control units with the same content and functions but with different designs to allow for adjusted mounting and capacity alternatives. The units all include a plenumbox with an airflow damper unit and a diffuser module with electronics (including sensors).	
Type of product:	<input type="checkbox"/> Chemical product	<input checked="" type="checkbox"/> Article
Date (year, month, day) of preparation/revision:	2023-03-20	
Comment on this document revision:	Alloy spec update	

Supplier/Manufacturer

Supplier:	Lindinvent AB
Contact name at the supplier:	Fredrik Lenninger
Address:	Skiffervägen 39, 224 78 Lund, SWEDEN
E-mail:	Fredrik.lenninger@lindinvent.se
Phone number:	+46(0)707 40 85 41

Supporting documentation

Has a declaration of performance in line with the European Construction Products Regulation (EU) no 305/2011, been prepared for the product?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	No standard available
Is the article/product an electronic product and covered by the RoHS-directive?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	An updated certificate is issued by Lindinvent and available on the product website
Has a third part registered EPD been filed for the product?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Registered in June 2022. Please find the report at www.epdhub.com

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Declaration of contents:

See table 1 for the full content of the article, on delivery.

Table 1. Contents of included substances and material (declaration of content in accordance with the requirements).

Included substances and materials	EC-/ CAS-number (alternatively, alloy number)	Weight% (of the entire product)	When applicable, state for which subcomponent	Weight% (of subcomponent)	Comments (state any application of non-harmonized classifications)
Polyester		≤ 1.0	Powder Coating		Pure polyester (Std coating applied, visible plenum box and diffuser parts: RAL 9003)
Galvanised steel	DX51D Z275	85-86	Housing and diffuser, wire mesh		
PET-FIBER		6-7	Insulation mat		No known additives
Aluminium	AW 1050A H24	4	Sliding tube, cylinder axis		
PA, Nylon		<1.0	Nut/fasteners, Brush strip		
PP-POLYFILL		<1.0	Measuring tubes		
POM		<0.1	Nut		
EPDM		<1.0	sealings		20% Parafine oil; PAH content at max 30mg/kg
FR4		<1.0	PCB with electronics		Weight 0,08 kg; RoHS 3 Compliant; Chemically bound Brominated flame retardants
DC brushless motor 24V		1 (See breakdown below)	Motor unit		Motor Weight 0,180 kg; RoHS 3 Compliant,
Aluminium	7429-90-5			55	
Iron	7439-89-6			30	
Nickel	7440-02-0			1	
Copper	7440-50-8			8	
Silicon	7440-21-3			1	
Chromium	7440-47-3			1	
Tin	7440-31-5			1	
PUR	9017-09-8			0,5	
Neodymium	42320-27-4			0,5	
PCB, DC-motor				1	Chemically bound Brominated flame retardants
Other				1	
Polyolefin + PP		1	Cables		RoHS 3 Compliant
Tin alloy		<0.1	Cables		
Copper	7440-50-8	<1	Cables		

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If any deviations from Byggsvarubedomningens declaration requirements exist, specify these in the comments in Table 1, or alternatively here.	Additional comments on deviations: Nothing to report
Additional general comments to the specifications in table 1: <ul style="list-style-type: none"> Total unit weight for ISQ-200: 12 kg / ISQ-F 11 kg / ISQ-160: 11 kg / ISQ-V: 11 kg RoHS 3 Compliant certifies: It does not include restricted phthalates in the EU 2025/863 amendment. 	

Is the chemical composition different, for the product when applied (cured product) compared to the content at delivery? (Only for chemical products)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
If yes, specify the content of the cured product in Table 2.		

Does the product or any of its subcomponents contain substances with particularly hazardous properties (Substances of Very High Concern, SVHC-substances), which are included in the Candidate List at a concentration ≥ 0.1 weight%?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
If yes, specify these substances in Table 1 together with the rest of the content of the product.		
State the date (year, month, day) for control of the Candidate List.	Date: 2023-01-20	
The concentration is calculated at component level established on the principle "once a product, always a product". The Candidate List is available at: http://echa.europa.eu/sv/candidate-list-table .		

Per- and polyflouroalkyl substances (PFAS)

Does the product contain any PFAS substances that has been purposefully added to achieve a specific function?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
If yes, specify the material and wt%	Material and wt%:	

Nanomaterials

Does the product contain any nanomaterial that has been purposefully added to achieve a specific function?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
If yes, specify the material.	Material and wt%:	

Recycled raw material

Does the product contain recycled material?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
If yes, specify in Table 3.		

Wood raw material is not included. This declaration section is therefore omitted.

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The production phase

Has an Environmental Product Declaration (EPD) according to ISO 14025 and EN 15804 (or equivalent for other product groups) been prepared?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Has another type of environmental product declaration been prepared?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
If <i>yes</i> , enclose the EPD (Environmental Product Declaration) or any other environmental product declaration together with the application. https://www.epdhub.com/		
Has an active choice been made, regarding the electricity supplier, to promote electricity production from renewable energy sources?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
If <i>yes</i> , describe the type of energy source, percentage of energy stemming from the renewable source, how long the agreement has been applied (start and end date), electricity supplier, and for which part of the production it is valid for: Hydroelectricity and Windwill electricity, 100% stemming from renewable sources, contract with fixed price from 01/03/2022 to 31/12/2022, fORTUM; valid for all production.		

Packaging management and distribution of the completed product

Describe the management of packaging for the distribution of the product <i>State whether any system for taking back or recycling packaging or any other specific return system is used.</i> <i>Specify the packaging material used and which system of producer responsibility for packaging the supplier is affiliated to.</i> <i>Enter the proportion of recycled material, if any, included in the packaging.</i>	Description of the packaging: Units stacked on a reusable wooden EU-pallet wrapped in plastics with special carton separators between layers of the units; Pallets shipped by truck. Member of FTI in Sweden, a common system for the collection and recycling of packaging.
Other information: Not available	

Construction and usage phase

Are there any special requirements such as storage conditions etc. for the product during storage?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
If <i>yes</i> , describe:			
Are there any special requirements for adjacent building products because of this product?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
If <i>yes</i> , describe:			
Are there any operating/care instructions for the product?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
If <i>yes</i> , attach the documentation with the application.			
Is the product energy labelled in accordance with the Energy Labelling Directive (2010/30/EU)?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Not relevant
If <i>yes</i> , state class (G to A, A+, A++, A+++):	Class		

Waste management

Does the product require special measures to protect health and the environment in conjunction with demolition/dismantling?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
If <i>yes</i> , describe:		

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Is the product covered by the WEEE-directive 2012/19/EU (Swedish ordinance (2014:1075) on Producer Responsibility for electrical and electronic products when it becomes waste?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Is it possible to re-use all or parts of the product? (can the product be reused within the product's expected lifetime)?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
If <i>yes</i> , describe: It can be reprogrammed and installed again		
Is material recycling possible for all or parts of the product when it becomes waste?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
If <i>yes</i> , describe: Recycling of the high steel content is possible.		
Is energy recycling possible for all or parts of the product when it becomes waste?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Does the supplier have any restrictions and recommendations for reuse, material- or energy recycling or disposal?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
If <i>yes</i> , specify which:		
When the supplied product becomes waste, is it classified as hazardous waste?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
If <i>yes</i> , specify the waste code: The Swedish waste ordinance (2011:927) https://www.notisum.se/rnp/sls/lag/20110927.htm	Waste code:	

Indoor environment

Has the product a critical moisture condition: <i>Information regarding whether critical moisture conditions leading to microbial growth apply for the material/product should be stated but will not impact the assessment.</i>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
If <i>Yes</i> , specify which:		
Is the article (or chemical product) intended for indoor use?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
If <i>yes</i> , has emission data been produced for volatile organic compounds?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
If <i>yes</i> , attach the report/certificate together with the application.		
If <i>no</i> , is there any motivation for why emission data for volatile organic compounds is not relevant for the product?	Motivation: > 85% steel content and no reported emissions	

Additional declaration documentation

Byggsvarubedomningen's Certificate of substance content and concentrations, Version 7.0

This certificate is issued by Lindinvent AB in a separate document but may be attached/included as an attachment to this material declaration. The certificate is at this moment only available in Swedish. The certificate includes an appendix with the latest, 2022-1, BVB declaration requirements.