

## 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 DPD 3-Katherm
Product name Katherm (floor duct heaters)	Product no/ID designation 141, 142, 143, 145, 241, 242, 245, 342, 345	Product group Katherm
<input type="checkbox"/> New declaration <input type="checkbox"/> Revised declaration	<b>In the case of a revised declaration</b>	
	Has the product been changed?	The change relates to
	<input type="checkbox"/> No <input type="checkbox"/> Yes	Changed product can be identified by
Drawn up/revised on (date) 2013-11-01		Inspected without revision on (date)
Other information: 2013		

### 2 Supplier information

Company name Kampmann GmbH		Company reg. no/DUNS no HR B 100 654	
Address Friedrich-Ebert-Straße 128-130 49811 Lingen (Ems)		Contact person	
Website: www.kampmann.de		Telephone +49 591 7108150	
Does the company have an environmental management system?		E-mail martin.kohle@kampmann.de	
		<input type="checkbox"/> Yes <input type="checkbox"/> No	
The company possesses certification in compliance with	<input type="checkbox"/> ISO 9000 <input type="checkbox"/> ISO 14000	<input type="checkbox"/> Other	If "other", please specify: ISO 9001:2008 Certificate Regist. No. 01 100 6386/1
Other information:			

### 3 Product information

Country of final manufacture	Germany	If country cannot be stated, please state why		
Area of use	Systems for heating and cooling. Ideal for fitting along large fullheight expanses of glazing.			
Is there a Safety Data Sheet for this product?	<input 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		<input type="checkbox"/> Not relevant	
Is the product registered in BASTA?			<input type="checkbox"/> Yes <input type="checkbox"/> No	
Has the product been eco-labelled?	<input 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 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)	Classification	Comments

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

Floor Duct - steel sheet		47,62 %			Basic: Katherm QK with EC van Unit Lengh 1000 mm
Convektor - copper (pipes)		9,42 %			
Convektor - aluminium (fins)		4,05 %			
Convektor - brass (valve connection)		1,49 %			
EC van - aluminium (walz)		2,26 %			
EC van - steel sheet (casing)		6,78 %			
Grilles - aluminium		18,94 %			
Control terminal box - steel sheet (casing)		6,55 %			
Electronic		2,46 %			
Cable		0,43 %			

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 **finished built in product** should be given here. If the content is unchanged, no data need be given in the following table.

Constituent materials/ components	Constituent substances	Weight % or g	EG no/ CAS no (or alloy)	Classifi- cation	Comments

Other information:

## 5 Production phase

**Resource utilisation and environmental impact during production of the item is reported in one of the following ways:**

☐ 1) Inflows (goods, intermediate goods, energy etc) for the registered product into the **manufacturing unit**, and the outflows (emissions and residual products) from it, i.e. from “gate-to-gate”.

☐ 2) All inflows and outflows from the extraction of raw materials to finished products i.e. “cradle-to-gate”.

☐ 3) Other limitation. State what: In house production

The report relates to unit of product	<input type="checkbox"/> Reported product	<input type="checkbox"/> The product's product group	<input type="checkbox"/> The product's production unit
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Indicate **raw materials and intermediate goods** used in the manufacture of the product ☐ Not relevant

Raw material/intermediate goods	Quantity and unit	Comments
Floor Duct - steel sheet	5,761 kg, 47,62 %	Total weight and %-age Basic: Katherm QK with EC van Unit Lengh 1000 mm
Convector - copper (pipes)	1,140 kg, 9,42 %	
Convector - aluminium (fins)	0,490 kg, 4,05 %	
Convektor - brass (valve connection)	0,180 kg, 1,49 %	
EC van - aluminium (walz)	0,274 kg, 2,26 %	
EC van -steel sheet ( casing)	0,821 kg, 6,78 %	
Grilles - aluminium	2,292 kg, 18,94 %	
Control terminal box - steel sheet (casing)	0,792 kg, 6,55 %	
Electronic	0,298 kg, 2,46 %	
Cable	0,052 kg, 0,43 %	

Indicate **recycled materials** used in the manufacture of the product ☐ Not relevant

Type of material	Quantity and unit	Comments

Enter the **energy** used in the manufacture of the product or its component parts ☐ Not relevant

Type of energy	Quantity and unit	Comments

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

Enter the <b>transportation</b> used in the manufacture of the product or its component parts		<input type="checkbox"/> Not relevant			
Type of transportation	Proportion %	Comments			
Trains	20				
Lorries	80	Certified companies			
Enter the <b>emissions to air, water or soil</b> from the manufacture of the product or its component parts		<input type="checkbox"/> Not relevant			
Type of emission	Quantity and unit	Comments			
Enter the <b>residual products</b> from the manufacture of the product or its component parts		<input type="checkbox"/> Not relevant			
Residual product	Waste code	Quantity	Proportion recycled		Comments
			Material recycled %	Energy recycled %	
Is there a description of the data accuracy for the manufacturing data?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	If "yes", please specify:		
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 type="checkbox"/> No
Does the supplier put into practice any systems involving multi-use packaging for the product?	<input type="checkbox"/> Not relevant	<input 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 type="checkbox"/> No
Is the supplier affiliated to REPA?	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Other information: Packaging material is used as long as it fills the requirements			

## 7 Construction phase

Are there any special requirements for the product during storage?	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input 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 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 type="checkbox"/> No	If "yes", please specify:			
Does the product have any special energy supply requirements for operation?	<input type="checkbox"/> Yes	<input 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 20-25 years						
Other information:						

## 9 Demolition

Is the product ready for disassembly (taking apart)?	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input type="checkbox"/> No	If "yes", please specify:
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 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 type="checkbox"/> Yes	<input type="checkbox"/> No	If "yes", please specify:
Is it possible to recycle materials for all or parts of the product?	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input type="checkbox"/> No	If "yes", please specify: ca. 40-60 %
Is it possible to recycle energy for all or parts of the product?	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input type="checkbox"/> No	If "yes", please specify: ca. 20 %
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 type="checkbox"/> No	If "yes", please specify:
Enter the waste code for the <b>supplied</b> product				
Is the <b>supplied</b> product classed as hazardous waste?			<input type="checkbox"/> Yes	<input 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 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 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 type="checkbox"/> No
Value Max. 44 with spring		Unit dB(A)	Method of measurement	
Can the product give rise to electrical fields?			<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes <input 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 type="checkbox"/> No
Value		Unit	Method of measurement	
Other information: The product meet all demands according to directives and European standards. The product carry the CE- mark.				

## References

## Appendices

Certificate ISO 9001:2008

EU Declaration of Conformity