

BUILDING PRODUCT DECLARATION BPD 3

in compliance with the guidelines of the Ecocycle Council, June 2007

1 Basic data

Product identification		Document ID SAV21062013
Product name SAV	Product no/ID designation	Product group SAVANA
<input type="checkbox"/> New declaration <input checked="" type="checkbox"/> Revised declaration	In the case of a revised declaration	
	Has the product been changed?	The change relates to
	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	Changed product can be identified by
Drawn up/revised on (date) 2013-06-03		Inspected without revision on (date)
Other information:		

2 Supplier information

Company name 2VV s.r.o.		Company reg. no/DUNS no CZ62065467	
Address Poděbradská 289 PARDUBICE, CZ-530 09, Czech rep.		Contact person Jan Lichy	
		Telephone +420 466 741 813	
Website: www.2vv.cz		E-mail jan.lichy@2vv.cz	
Does the company have an environmental management system?		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
The company possesses certification in compliance with	<input checked="" type="checkbox"/> ISO 9001 <input type="checkbox"/> ISO 14000	<input checked="" type="checkbox"/> Other	If "other", please specify: TÜV-SÜD - Production monitored, Type tested
Other information:			

3 Product information

Country of final manufacture Czech rep.	If country cannot be stated, please state why
Area of use The units are suitable for heating industrial, production and warehousing areas. The design model SAVANA is recommended primarily for modern representative areas such as built-in areas, sports halls or large sales rooms.	

Is there a Safety Data Sheet for this product?				<input checked="" 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 checked="" type="checkbox"/> Not relevant		
Is the product registered in BASTA?				<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Has the product been eco-labelled?	<input checked="" 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 checked="" 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)	Classifi- cation	Comments
Casing made of galvanized steel plate (zinc plated)	steel zinc	45-70% 1-2%	68467-81-2 7440-66-6		
Water coil made of steel plate, aluminium plates and copper tubes	steel aluminium copper	15-20% 6-8% 5-7%	68467-81-2 7429-90-5 7440-50-8		
Centrifugal fan	steel aluminium copper	5-6% 1-2% 2-3%	68467-81-2 7429-90-5 7440-50-8		
Fasteners	steel zinc	<1% <1%	68467-81-2 7440-66-6		
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:
<input checked="" type="checkbox"/> 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”.			
<input type="checkbox"/> 2) All inflows and outflows from the extraction of raw materials to finished products i.e. “cradle-to-gate”.			
<input type="checkbox"/> 3) Other limitation. State what:			
The report relates to unit of product		<input type="checkbox"/> Reported product	<input checked="" type="checkbox"/> The product's product group
		<input type="checkbox"/> The product's production unit	
Indicate raw materials and intermediate goods used in the manufacture of the product			<input checked="" type="checkbox"/> Not relevant
Raw material/intermediate goods	Quantity and unit		Comments
Indicate recycled materials used in the manufacture of the product			<input checked="" type="checkbox"/> Not relevant
Type of material	Quantity and unit		Comments
Enter the energy used in the manufacture of the product or its component parts			<input type="checkbox"/> Not relevant
Type of energy	Quantity and unit		Comments
Electric	1,2 kW		
Enter the transportation used in the manufacture of the product or its component parts			<input checked="" type="checkbox"/> Not relevant
Type of transportation	Proportion %		Comments
Road	50		
Rail	25		
Sea	25		
Enter the emissions to air, water or soil from the manufacture of the product or its component parts			<input checked="" type="checkbox"/> Not relevant
Type of emission	Quantity and unit		Comments

Enter the residual products 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 %	
Plastic	15 01 02	0,1 kg	100		
Metal	17 04 05	0,7 kg	100		
Cardboard	20 01 01	0,4 kg	100		
Cables	17 04 11	0,1 kg	100		
Is there a description of the data accuracy for the manufacturing data?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If "yes", please specify:		
Other information: We do not use the LCA-method at present. For energy consuming products having their main environmental impact during the user-phase is the LCC-method a more suitable tool in our efforts to shift to more energy-efficient components and systems.					

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 checked="" 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 checked="" type="checkbox"/> No
Does the supplier take back packaging for the product?	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Is the supplier affiliated to REPA?	<input type="checkbox"/> Not relevant	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Other information: 2VV is affiliated with EKO-KOM in Czech republic. This is equivalent to swedish REPA and both are the members of the PRO EUROPE. PRO EUROPE is an international umbrella organisation for national member systems for the recovery and recycling of packaging waste in Europe. All these systems use the Green Dot mark as a symbol of financing packaging waste recycling.			

7 Construction phase

Are there any special requirements for the product during storage?	<input type="checkbox"/> Not relevant	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	If "yes", please specify: clean, dry, tempered stock
--	---------------------------------------	---	-----------------------------	---

Are there any special requirements for adjacent building products because of this product?	<input checked="" 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 checked="" type="checkbox"/> No	If "yes", please specify:			
Does the product have any special energy supply requirements for operation?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	If "yes", please specify: Voltage AC 240-400V			
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 checked="" type="checkbox"/> 25 years	<input type="checkbox"/> >50 years	Comments
b) Reference service life estimated to be in the interval of _____ years						
Other information: Reference lifetime applies to "normal operation" according to valid product sheet at the time of delivery.						

9 Demolition

Is the product ready for disassembly (taking apart)?	<input type="checkbox"/> Not relevant	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	If "yes", please specify: All components can be divided or screwed apart so that different types of materials can be separated.
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 checked="" 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 checked="" 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 checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	If "yes", please specify: All parts are recyclable

Is it possible to recycle energy for all or parts of the product?	<input checked="" type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input type="checkbox"/> No	If "yes", please specify:
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 checked="" type="checkbox"/> No	If "yes", please specify:
Enter the waste code for the supplied product 20 01 36				
Is the supplied product classed as hazardous waste?			<input type="checkbox"/> Yes	<input checked="" 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 built in product, then this should be entered here. If it is unchanged, the following details can be omitted.				
Enter the waste code for the built in product				
Is the built in product classed as hazardous waste?			<input type="checkbox"/> Yes	<input checked="" 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 checked="" 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Value <53		Unit dB(A)	Method of measurement ISO 3744 - measured 3m from air curtain intake	
Can the product give rise to electrical fields?			<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes <input checked="" 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 checked="" type="checkbox"/> No
Value		Unit	Method of measurement	
Other information:				

References

Appendices