

## 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 BPD-VR01-017
Product name V2 High Security WC Pan	Product no/ID designation VR01-017	Product group Safe Sanitary Ware
<input type="checkbox"/> New declaration <input checked="" type="checkbox"/> Revised declaration	<b>In the case of a revised declaration</b>	
	Has the product been changed? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	The change relates to Omits the use of PU foam in the construction of product  Changed product can be identified by Change of ID code from D800 prefix to VR01 prefix
Drawn up/revised on (date) 06/10/2015		Inspected without revision on (date)
Other information:		

### 2 Supplier information

Company name Dart Valley Systems Limited		Company reg. no/DUNS no 1945355	
Address Kemmings Close Paignton Devon TQ4 7TW UK		Contact person Telephone Mike Porter 0044 (0) 1803529021	
Website: www.dartvalley.co.uk		E-mail mikeporter@dartvalley.co.uk	
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 9000 <input checked="" type="checkbox"/> ISO 14000	<input type="checkbox"/> Other	If "other", please specify:
Other information:			

### 3 Product information

Country of final manufacture PRC	If country cannot be stated, please state why		
Area of use Safe custodial care			
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 type="checkbox"/> Criteria not found	<input type="checkbox"/> Yes <input type="checkbox"/> No	If "yes", please specify: Very Water Efficient Product
Is there a Type III environmental declaration for the product?			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Other information: The product is virtually unbreakable, increasing life in harsh environments			

### 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
Unsaturated polyester		53%			

	Styrene Methyl methacrylate	12.5-60 1-20	CAS:100-42-5 CAS: 80-62-6	Xn F,Xi	R10,20,R36/ 38 R11,R37/38, R43
Low Density Polyethylene	Dowlex NG2431UE R Flam12	2.5% 94 6			Conforms to RoHS 2002/95EC
Saercore 300/PP18/300	Glass fabric	15%	CAS: 65997-17-3	R10	
Triaxial 918g	Glass fabric	21%	CAS: 65997-17-3		
Crestomer 1186PA	Talc (Mg3H2(SiO3)4) Styrene Silica 2-hydroxyethyl acrylate titanium dioxide cobalt bis (2-ethylhexanoate)	3.5%	EC: 238-877-9  CAS: 14807-96-6 CAS: 112945-52-5 CAS: 818-61-1  CAS: 13463-67-7 CAS: 136-52-7		
Sikaflex 221	Xylene methylenediphenyl diisocyanate	2%	CAS: 1330-20-7 CAS: 101-68-8		
Stainless Steel	Stainless Steel 304	3%	Stainless Steel 304		

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:

The report relates to unit of product

Reported product

The product's  
product group

The product's  
production unit

Indicate **raw materials and intermediate goods** used in the manufacture of the product

Not relevant

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

Raw material/intermediate goods	Quantity and unit	Comments			
The raw materials are as listed in section 4 CONTENTS	see section 4	see section 4			
Indicate <b>recycled materials</b> used in the manufacture of the product		X <input type="checkbox"/> Not relevant			
Type of material	Quantity and unit	Comments			
stainless steel can be 100% recycled , but we cannot be sure how much recycled is used in the product					
Enter the <b>energy</b> used in the manufacture of the product or its component parts		<input type="checkbox"/> Not relevant			
Type of energy	Quantity and unit	Comments			
Electricity to operate pumps	Virtually zero	energy used is virtually zero			
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			
components are delivered by lorry		Only normal road transport to deliver raw materials to the factory and road and lorry to deliver final goods. There is no transport during manufacture. Handling is manual.			
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			
There are no emmissions					
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 %	
There is negligible waste					
Is there a description of the data accuracy for the manufacturing data?	<input type="checkbox"/> Yes	X <input type="checkbox"/> No	If "yes", please specify:		
Other information: We Purchase the stainless steel components, as the material can be recycled it is probable that some of the stainless steel is recycled. Other raw materials are purchased and assumed not to be recycled					

## 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	X <input type="checkbox"/> No
Does the supplier put into practice any systems involving multi-use packaging for the product?	<input type="checkbox"/> Not relevant	X <input type="checkbox"/> Yes	<input type="checkbox"/> No
Does the supplier take back packaging for the product?	<input type="checkbox"/> Not relevant	X <input type="checkbox"/>	<input type="checkbox"/> No

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		Yes	
Is the supplier affiliated to REPA?	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	X <input type="checkbox"/> No
Other information: Wooden pallets can be reused. The cardboard cases can be reused			

## 7 Construction phase

Are there any special requirements for the product during storage?	<input checked="" type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input checked="" 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 checked="" 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 type="checkbox"/> Yes	<input checked="" 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 checked="" type="checkbox"/> 25 years	Comments
	<input type="checkbox"/> >50 years				
b) Reference service life estimated to be in the interval of 5 years					
Other information: The product is designed to reduce breakages in harsh environments					

## 9 Demolition

Is the product ready for disassembly (taking apart)?	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	X <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 checked="" type="checkbox"/> No	If "yes", please specify:
Other information: There are no harmful materials. There are three main elements. Stainless steel that can be simply recycled through standard means. PE and Composite materials, details for disposal indicate in following sections.				

## 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: Fastenings and LDPE can be recycled. GRP can be ground and the glass element recovered.
Is it possible to recycle energy for all or parts of the product?	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input checked="" 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 <b>supplied</b> product 20-01-39				
Is the <b>supplied</b> 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 <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:				

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## 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 type="checkbox"/> Yes	<input type="checkbox"/> No
Value	Unit	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:				

### References

### Appendices