SPACE FOR
SUPPLIER'S LOGO

BUILDING PRODUCT DECLARATION BPD 3

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

1 Basic data

Product identification			Document ID
Product name Desso modular carpet tiles with bitumen backing	Product no/ID designation Item 4 "Contents" completed on separate form "Appendix Confidential Information".		Product group Desso modular carpet tiles with bitumen backing
☐ New declaration ☒ Revised declaration	**In the case of a revised declaration**		
	Has the product been changed?		The change relates to Information added to items 4, 5, 6, 8, 9 and 11 to upgrade from "accepted" to "recommended".
	☒ No	☐ Yes	Changed product can be identified by
Drawn up/revised on (date) 07-11-2014			Inspected without revision on (date)
Other information:			

2 Supplier information

Company name Desso B.V.			Company reg. no/DUNS no KvK 18112942	
Address Taxandriaweg 15 5142 PA Waalwijk - The Netherlands (contact person: Maurice Pijnen)			Contact person Telephone +31 - 416 684 100	
Website: www.desso.com			E-mail mpijnen@desso.com	
Does the company have an environmental management system?			☒ Yes	☐ No
The company possesses certification in compliance with	☒ ISO 9000	☒ ISO 14000	☒ Other	If "other", please specify:
Other information:				

3 Product information

Country of final manufacture The Netherlands	If country cannot be stated, please state why			
Area of use Textile floor covering for office buildings, public buildings, education and healthcare.				
Is there a Safety Data Sheet for this product?		☒ Not relevant	☐ Yes	☐ No
In accordance with the regulations of the Swedish Chemicals Agency, please state:	Classification Labelling		☒ Not relevant	
Is the product registered in BASTA?			☐ Yes	☒ No

Has the product been eco-labelled?	☐ Criteria not found	☒ Yes	☐ No	If "yes", please specify: - Cradle to Cradle - CRI Green Label Plus - GUT - GreenTag Australia - BRE Global (BREEAM-UK) - SEC Singapore Green Label - BREEAM-NOR - EPD's by IBU Germany
Is there a Type III environmental declaration for the product?			☒ Yes	☐ No

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

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
Pile yarns	Recycled Polyamide 6	19.0%			
Tuft carrier	Polyester	1.3%			
Protective sheet	Polypropylene	1.0%			
Backing filler	Calciumcarbonate	57.6%			
Backing material	Bitumen	13.3%			
Fire retarder	Aluminum tri-hydrate	1.2%			
Precoat	SBR Latex	5.6%			
Backing reinforcement	Glass fibre fleece	1.0%			

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
Raw material/intermediate goods	Quantity and unit	Comments
See item 4 "contents"		

Indicate **recycled materials** used in the manufacture of the product		☐ Not relevant
Type of material	Quantity and unit	Comments
Polyamide 6 yarns	up to 100%	Post-consumer recycled material from polyamide carpet yarns and nylon fish nets

Enter the **energy** used in the manufacture of the product or its component parts		☐ Not relevant
Type of energy	Quantity and unit	Comments
Electricity - 100% renewable	100%	solar panels, wind energy and hydro-power

Gas - non-renewable	100%	natural gas
Enter the **transportation** used in the manufacture of the product or its component parts		☐ Not relevant
Type of transportation	Proportion %	Comments
Electrical driven transportation	100%	Green electricity (see electricity)

Enter the **emissions to air, water or soil** from the manufacture of the product or its component parts		☐ Not relevant
Type of emission	Quantity and unit	Comments
Global Warming Potential (GWP)	8.12 kg CO2-eq.	
Ozone Depletion Potential (ODP) Acidification Potential (AP) Eutrophication Potential (EP) Formation potential of tropospheric ozone photochemical oxidants (POCP)	1.14E-7 kg CFC11-eq. 4.02E-2 kg SO2-eq. 1.29E-2 kg (PO4)3-eq. 2.9E-3 kg Ethen-eq.	

Enter the **residual products** from the manufacture of the product or its component parts					☒ Not relevant
			Proportion recycled		
Residual product	Waste code	Quantity	Material recycled %	Energy recycled %	Comments

Is there a description of the data accuracy for the manufacturing data?	☒ Yes	☐ No	If "yes", please specify: See external verified EPD (Environmental Product Declaration) nr. EPD-DES-20130056-CBD1-EN, publicly available on http://construction-environment.com/hp3622/Floor-coverings.htm
Other information:			

6 Distribution of finished product

Does the supplier put into practice a system for returning load carriers for the product?	☐ Not relevant	☐ Yes	☒ No
Does the supplier put into practice any systems involving multi-use packaging for the product?	☐ Not relevant	☐ Yes	☒ No
Does the supplier take back packaging for the product?	☐ Not relevant	☐ Yes	☒ No
Is the supplier affiliated to REPA?	☐ Not relevant	☐ Yes	☒ No
Other information:			

7 Construction phase

Are there any special requirements for the product during storage?	☐ Not relevant	☐ Yes	☒ No	If "yes", please specify:
Are there any special requirements for adjacent building products because of this product?	☐ Not relevant	☐ Yes	☒ No	If "yes", please specify:
Other information:				

8 Usage phase

Does the product involve any special requirements for intermediate goods regarding operation and maintenance?	☒ Yes	☐ No	If "yes", please specify: See Desso maintenance manual for recommendations.
Does the product have any special energy supply requirements for operation?	☒ Yes	☐ No	If "yes", please specify: Regular vacuum cleaning according to

					the Desso maintenance manual	
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.	☐ 5 years	☒ 10 years	☐ 15 years	☐ 25 years	☐ >50 years	Comments
b) Reference service life estimated to be in the interval of 10 years						
Other information:						

9 Demolition

Is the product ready for disassembly (taking apart)?	☐ Not relevant	☒ Yes	☐ No	If "yes", please specify: Carpet tiles are loose laid installed, easily removable and ready for disassembly at the Desso Refinity® recycling unit.
Does the product require any special measures to protect health and environment during demolition/disassembly?	☐ Not relevant	☐ Yes	☒ No	If "yes", please specify:
Other information:				

10 Waste management

Is it possible to re-use all or parts of the product?	☐ Not relevant	☒ Yes	☐ No	If "yes", please specify: Cradle to cradle products are intended to re-use as new raw materials.
Is it possible to recycle materials for all or parts of the product?	☐ Not relevant	☒ Yes	☐ No	If "yes", please specify: After separation, materials are re-used and upcycled for new products.
Is it possible to recycle energy for all or parts of the product?	☐ Not relevant	☒ Yes	☐ No	If "yes", please specify: Thermal recycling is possible, but Desso prefers the re-use method because of cradle to cradle principle.
Does the supplier have any restrictions and recommendations for re-use, materials or energy recycling or waste disposal?	☐ Not relevant	☒ Yes	☐ No	If "yes", please specify: Defined in Terms and conditions for Desso Take Back® system.
Enter the waste code for the **supplied** product Eural 200.111				
Is the **supplied** product classed as hazardous waste?			☐ Yes	☒ 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?			☐ Yes	☒ 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:	☐ The product does not have any emissions

Type of emission	Quantity [µg/m²h] or [mg/m³h]		Method of measurement	Comments
	4 weeks	26 weeks		
TVOC	≤ 100 µg/m³	N/A	ISO 16000 series (GUT)	Meets requirements for GUT and German "Allgemeine bauaufsichtlichen Zulassung"
SVOC	≤ 30 µg/m³	N/A	ISO 16000 series (GUT)	Meets requirements for GUT and German "Allgemeine bauaufsichtlichen Zulassung"

Can the product itself give rise to any noise?		☐ Not relevant	☐ Yes	☒ No
Value	Unit	Method of measurement		
Can the product give rise to electrical fields?		☐ Not relevant	☐ Yes	☒ No
Value	Unit	Method of measurement		
Can the product give rise to magnetic fields?		☐ Not relevant	☐ Yes	☒ No
Value	Unit	Method of measurement		
Other information:				

References

Appendices

- Appendix confidential information form (completed)
- Appendix to Application Form - Overview Individual Products to Product Group