

BUILDING PRODUCT DECLARATION BPD 3

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

1 Basic data

Product identification		Document ID 12/001-01
Product name Designpanel Tectopanel Solopanel Stratopanel Plank Pind-op	Product no/ID designation 1107-10/31-32; 3040; 3209-15; 3362; 3401; 3591-98; 5700/02/20; 5900; 6367-6369; 7660; 9270; 9800/02/10/30/33-36/39/50-53; 13074-76; 13262	Product group Knauf Danoline untreated acoustic ceiling and wall panels
<input type="checkbox"/> New declaration <input checked="" type="checkbox"/> Revised declaration	In the case of a revised declaration	
	Has the product been changed? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	The change relates to New company name & logo Changed product can be identified by
Drawn up/revised on (date) December 2012	Inspected without revision on (date)	
Other information: There is no change to the product materials or production methods, although we use today less virgin gypsum mineral in our production and more post-industrial gypsum.		

2 Supplier information

Company name Knauf Danoline A/S		Company reg. no/DUNS no 39.731 VAT nr.: 54050313	
Address Kløvermarksvej 6 DK 9500 Hobro		Contact person Carl Erik Bech Telephone +45 96 57 30 01	
Website: www.knaufdanoline.com		E-mail info@danoline.dk	
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 Denmark	If country cannot be stated, please state why		
Area of use ceilings and walls			
Is there a Safety Data Sheet for this product?		<input type="checkbox"/> Not relevant	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
In accordance with the regulations of the Swedish Chemicals Agency, please state:		Classification Not hazardous	<input type="checkbox"/> Not relevant
		Labelling None required	
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 checked="" 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)	Classification	Comments
Gypsum core	CaSO ₄ +2H ₂ O	<96%	94114-19-9	None	*
Carton	Cellulose	<4%	-	None	
Other information: * Raw gypsum - 0-2,5%; Post-industrial gypsum - 80-90%; Recycled gypsum - 9-20%					
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)	Classification	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 m ²	<input checked="" type="checkbox"/> Reported product	<input 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 type="checkbox"/> Not relevant
Raw material/intermediate goods	Quantity and unit		Comments
Gypsum	<10 kg/m ²		
Carton	<0,5 kg/m ²		
Indicate recycled materials used in the manufacture of the product			<input type="checkbox"/> Not relevant
Type of material	Quantity and unit		Comments
Gypsum	0-10kg/m ²		
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
Natural gas / electricity	25MJ/m ²		
Enter the transportation used in the manufacture of the product or its component parts			<input type="checkbox"/> Not relevant
Type of transportation	Proportion %		Comments
Road	60		
Sea	40		
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:			

6 Distribution of finished product

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

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:			

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: see attached
Are there any special requirements for adjacent building products because of this product?	<input type="checkbox"/> Not relevant	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	If "yes", please specify: All wet trades must be completed prior to installation
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 type="checkbox"/> 25 years	<input checked="" type="checkbox"/> >50 years	Comments * The products may not be exposed to temperatures over 50°C or a relative humidity greater than that recommended for each product type together with the corresponding load
b) Reference service life estimated to be in the interval of	years					
Other information: It is recommended that the products are maintained by vacuuming, cleaning with a damp cloth and painting according to requirements.						

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: The products only need to be dismantled from the grid system.
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: Product components do not need to be separated for recycling				

10 Waste management

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

Is it possible to re-use all or parts of the product?	<input type="checkbox"/> Not relevant	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	If "yes", please specify: Products can be reused
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 can be recycled
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 checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	If "yes", please specify: recycling is recommended via gypsum recycling
Enter the waste code for the supplied product general building waste - 170104				
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 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		
			Indoor climate test	Indoor Climate certificate attached
Can the product itself give rise to any noise?			<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 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

Indoor Climate Certificate
Storage guidelines
Maintenance guidelines