

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 Supafil Frame/ Supafil Loft	Product no/ID designation KI_DP_109	Product group BK04 - 01301
<input checked="" type="checkbox"/> New declaration <input 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 No waste issues at installation process Changed product can be identified by
Drawn up/revised on (date) October 12 th 2017		Inspected without revision on (date)
Other information:		

2 Supplier information

Company name Knauf Insulation		Company reg. no/DUNS no	
Address Stafford Rd St Helens		Contact person Telephone Kenneth Ingemarsson +46 (0) 708 385 77 05	
Website: www.knaufinsulation.se		E-mail Ki@knaufinsulation.com	
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 checked="" type="checkbox"/> Other	If "other", please specify: ISO 50001/ OHSAS 18001
Other information:			

3 Product information

Country of final manufacture Kingdom	United	If country cannot be stated, please state why			
Area of use Thermal Insulation for Buildings					
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 Labelling	See other information See other information	<input type="checkbox"/> Not relevant	
Is the product registered in BASTA?			<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Has the product been eco-labelled?	<input type="checkbox"/> Criteria not found	<input checked="" 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: Classification of the glass fibres used are not applicable for this product. The fibres are in accordance with the directive 97/69/EC and European Regulation 1272/2008, nota Q.					

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
Glass Mineral Wool	Man made vitreous (silicate) fibres with	>99%	EC 926-099-9	None	

	random orientation with alkaline oxide and alkali earth oxide (Na ₂ O+K ₂ O+CaO+MgO+BaO) content greater than 18% by weight meeting the requirements of Note Q of regulation n° 1272/2008				
Anti-Dust, antistatic and hydrophobic agent	Silicone Oil	<0.75%		None	
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)	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	<input 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	
		Refer to section 4 Contents	
Indicate recycled materials used in the manufacture of the product			<input type="checkbox"/> Not relevant
Type of material	Quantity and unit	Comments	
Recycled Glass	76%	Refer to EPD : BREG EN EPD N°: 000050	
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	
Renewable Energy	11.8MJ for 15Kg/m ³ of product	Refer to EPD : BREG EN EPD N°: 000050	
Non Renewable	307 MJ for 15Kg/m ³ of product	Refer to EPD : BREG EN EPD N°: 000050	

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

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 Transports	100			
Enter the emissions to air, water or soil from the manufacture of the product or its component parts		<input 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 %	
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 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 type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Other information: The finished product is supplied in a compressed form (up to 90%) that recovers to working thickness when the packaging is removed or in the case of blowing wools when installed with a suitable machine. This increases the efficiency of transportation.			

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: Product should be protected from wet weather if possible
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 type="checkbox"/> 25 years	<input checked="" type="checkbox"/> >50 years
b) Reference service life estimated to be in the interval of _____ years					
Comments: Products will preform to specification for life of the building					
Other information: When used in construction, Knauf Insulation materials significantly reduce the energy required to acheive thermal comfort for the buildings inhabitants. The products can also contribute to the acoustic performance of the building.					

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: Blowing wool can be sucked out by using vacuum machines
Does the product require any special measures to protect health and environment during demolition/disassembly?	<input type="checkbox"/> Not relevant	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	If "yes", please specify: Personal protective equipment should be worn in line with the safety data sheet
Other information:				

10 Waste management

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: All, uncontaminated material can be reinstall
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, new insulation
Is it possible to recycle energy 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: Packaging is returned for recycling
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: As above
Enter the waste code for the supplied product 17 06 04 - Non-Hazardous Waste				
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 17 06 04 - Non Hazardous Waste Code				
Is the built in product classed as hazardous waste?			<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Other information: The waste code 17 06 04 Non-hazardous waste is assigned for waste not contaminated by other potential materials				

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 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

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Value	Unit	Method of measurement
Other information: SUPAFIL FRAME is awarded by Eurofins Indoor Air Quality 'Gold' Certificate demonstrating low emissions products compliance to National regulations (F,D,B) on indoor air quality, voluntary labels (Blau Engel, M1) & building rating scheme (LEED, BREEAM)		

References

Appendices