

## 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 FF10701
Product name Cavity fire barrier on a roll / Ventilerat brandstopp	Product no/ID designation <b>FF107</b>	Product group BK04 21001
<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 checked="" type="checkbox"/> No <input type="checkbox"/> Yes	The change relates to Clarification of product contents  Changed product can be identified by
Drawn up/revised on (date) 2015-10-14		Inspected without revision on (date)
Other information:		

### 2 Supplier information

Company name Tenmat Ltd		Company reg. no/DUNS no 89-677-2332	
Address Ashburton Road West Trafford Park, Manchester M17 1TD UNITED KINGDOM		Contact person Erik Karlsson	
		Telephone +46 (8) 6126850	
Website: www.tenmat.com		E-mail erik.karlsson@tenmat.com	
Does the company have an environmental management system?		<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
The company possesses certification in compliance with	<input checked="" type="checkbox"/> ISO 9000 <input type="checkbox"/> ISO 14000	<input type="checkbox"/> Other	If "other", please specify:
Other information:			

### 3 Product information

Country of final manufacture	United Kingdom	If country cannot be stated, please state why		
Area of use	Passive fire protection in 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		<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 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)

<b>At the time of delivery</b> , 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
Exonerated mineral fibres		25 - <45%	EC 650-016-00-2 CAS: 287922-11-6		

Intercalated graphite		25 - 50%	EC: 235-819-4 CAS: 12777-87-6		
Latex		5 - 15%	N/A		
Bentonite		1 - 2%	EC: 215-108-5 CAS: 1302-78-9		
Other information: The product is wrapped in a PE bag.					
If the chemical composition of the product after it is built in differs from that at the time of delivery, the content of the <b>finished built in product</b> 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

<b>Resource utilisation and environmental impact during production of the item is reported in one of the following ways:</b>						
<input type="checkbox"/> 1) Inflows (goods, intermediate goods, energy etc) for the registered product into the <b>manufacturing unit</b> , 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 <b>raw materials and intermediate goods</b> used in the manufacture of the product				<input type="checkbox"/> Not relevant		
Raw material/intermediate goods		Quantity and unit		Comments		
Indicate <b>recycled materials</b> used in the manufacture of the product				<input type="checkbox"/> Not relevant		
Type of material		Quantity and unit		Comments		
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		
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		
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		
Enter the <b>residual products</b> from the manufacture of the product or its component parts				<input type="checkbox"/> Not relevant		
				Proportion recycled		
				Material recycled %		
				Energy recycled %		
Residual product		Waste code	Quantity	Material recycled %	Energy recycled %	Comments

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

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: Packaging filling material for outgoing goods is reused from incoming goods packing material as well as from office paper. Products are always bulk packaged with no individual box to save on packaging material and space.			

## 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: Store in a dry place
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 type="checkbox"/> >50 years
b) Reference service life estimated to be in the interval of 30+ years.					
Comments Accelerated Arrhenius tests carried out concluding that after 30 years the material performance remains within specification. The product will remain to function after getting damp and dried out repeatedly. Additional durability testing carried out by MPA Braunschweig according to Certification and Testing Principles for Reactive Materials in Germany and comparable to testing requirements of Construction Products Regulation (CPR) TR024.					
Other information: Shelf life is likely indefinite during normal storage conditions. It is a passive fire protection product – once installed it does not require any maintenance or energy to function. There are no emissions from the product during its usage.					

## 9 Demolition

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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 PE wrap can easily be slid off the intumescent material.
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: The product is a one-piece intumescent (sv. Brandsvällande) material in a PE wrap.				

## 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: The PE wrap can be recycled. The intumescent is not recycled.
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: The PE wrap can be incinerated.
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: The material does not have any special waste disposal requirements.
Enter the waste code for the <b>supplied</b> product: 17 06 04				
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:				

## 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
Value	Unit	Method of measurement		
Other information: The product does not come in contact with indoor air.				

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**References**

**Appendices**