

**PROTEGA****BUILDING PRODUCT DECLARATION / ENVIRONMENTAL PRODUCT DECLARATION****1 Basic data**

Product identification		
Product: Novatherm 2FR	Issue date: 19-01-03	Product group: BK04
In the case of a revised declaration		
Has the product been changed?		The change relates to
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	A changed product is identified through the classification- and labelling information. Minor changes, with no relevance to classification, can not be distinguished by any information on the outside of the package.
Replaces version from (date): 15-08-10		Revised without changes on (date)
Other information: This declaration is identified through the name of the product and the issue date.		

**2 Supplier information**

Company name: Protega AB		Company reg no/DUNS-no: 556326-7987	
Adress: Verkstadsgatan 6B 231 66 Trelleborg Sweden		Contact person: Emma Nordenberg Telephone: +46 410 56780	
Website: <a href="http://www.protega.se">www.protega.se</a>		E-mail: <a href="mailto:info@protega.se">info@protega.se</a>	
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", specify:
Other information			

**3 Product information**

Country / region of final manufacture: Sweden			
Area of use: Waterborne Intumescent paint			
Is there a Safety Data Sheet for this product?		<input type="checkbox"/> Not relevant	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Please state, in accordance with the regulations of the Swedish Chemicals Agency:		Classification: 1272/2008/EC Labelling: 1272/2008/EC	<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"/> No existing criteria	<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 type="checkbox"/> No
Other information			

**4 Contents**

<b>At the time of delivery</b> , the product comprises the following parts/components, with the chemical composition stated: (Observe that any solvents will be released when product is hardening/drying)					
Constituent materials/ components	Constituent substances	Weight % or g	EG-no/ CAS-no	Classification	Comments
Binder	Terpolymer of Vinyl acetate, Ethylen and Vinylester	10-20	-	-	



Fillers	Ammonium-polyphosphate	15-25	68333-79-9	-	
Fillers	Dicyandiamide	15-25	461-58-5	-	
Fillers	Pentaerythritol	10-20	115-77-5	-	
Pigment	Titanium dioxide	5-10	13463-67-7	-	
Solvent	Water	15-25	7732-18-5	-	
Agent	Sorbitol	10-20	68425-17-2	-	
Other information:					

### 5 Production phase

When manufacturing paints/adhesives/sealants/putty ingredients are mixed, sometimes with a premix, where after the finished product is filled in its intended package, before delivery to the customer. Every raw material is delivered in the finished product. The energy consumption is concentrated to mixing equipment, conveyer belts and the production line and is relatively low. Emissions from manufacturing are negligible and so is the amount of waste.

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 checked="" type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input 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: Frost free
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: Se item 7 in the Safety Data Sheet for information about handling and storage.				

### 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 lifespan for the product may under optimal and correct conditions be at least 25 years. The actual lifespan depends on specific circumstances such as surface, method of application, wear and tear and surrounding climate (for instance moisture, temperature) and may therefore vary between 1-25 years.			
Other information			

### 9 Demolition

Is the product ready for disassembly (taking apart)?	<input checked="" type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input type="checkbox"/> No	If "yes", please specify
Does the product require any special	<input type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If "yes", please specify



measures to protect health and environment during demolition/disassembly?				
Other information				

**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 checked="" type="checkbox"/> Not relevant	<input type="checkbox"/> Yes	<input type="checkbox"/> No	If "yes", please specify
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 Both the product and the packaging can be energy recycled*
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 Deposition, see safety data sheet.
Enter the waste code for the <b>supplied</b> product: EWC-kod: 08 01 12				
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: Combustion should be controlled, eg, in the appropriate and designated incineration plant.				

**11 Indoor environment**

<input type="checkbox"/> The product is not intended for indoor use				
<input type="checkbox"/> Existing methods of measuring not applicable for the product				
The product will during intended use give of the following emissions:			<input type="checkbox"/> The product will not give off emissions	
			<input type="checkbox"/> The products emissions have not been measured	
Type of emission	Amount [ $\mu\text{g}/\text{m}^2\text{h}$ ] alt [ $\text{mg}/\text{m}^3\text{h}$ ]		Method of measuring	Comments:
	4 weeks	26 weeks		
TVOC		<47 $\mu\text{g}/\text{m}^2\text{h}$	SS-EN ISO 16000-6	
Hexanol		<10 $\mu\text{g}/\text{m}^2\text{h}$	look otherwise	
Nonanal		<6 $\mu\text{g}/\text{m}^2\text{h}$	look otherwise	
Ethanol, 2-(2-butoxyethoxy)-, acetate		<30 $\mu\text{g}/\text{m}^2\text{h}$	look otherwise	
VVOC		0 $\mu\text{g}/\text{m}^2\text{h}$	SS-EN ISO 16000-6	
SVOC		0 $\mu\text{g}/\text{m}^2\text{h}$	SS-EN ISO 16000-6	
Formaldehyde		<5 $\mu\text{g}/\text{m}^2\text{h}$	SS-EN ISO 16000-3	
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		
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
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
Other information: Emission measurement performed according to EN ISO 16000-10: 2006 "Indoor air - Part 10 in combination with the sampling method ISO 16000-11. Calculated VOC is 1g / l.		

## References

For more information about the product, see Safety and technical data sheets.  
[www.protega.se](http://www.protega.se)

## Annexes

## Other Information

This form is in accordance with the guidelines of 2007 of the Ecocycle council, regarding BPD3 and the Swedish Adhesive and Sealants and Swedish Paint Makers Associations guidelines.. The information is based on industry recommendation and current legislation.