

Environmental Declaration Type II (Products)

1 General Information

Product identification	Document number: 630UD0101-GBGB-06/19	Date: 12.06.2019
Product description: Shearail® punching shear reinforcement	Item code: UKSHEARAIL1	Business division: reinforcement technologies

2 Supplier Information

Company name: Max Frank Ltd.		
Address:	Clough Street, Hanley Stoke-on-Trent, ST1 4AF	Contact: Technical office
		Telephone number: +44 (0) 1782 598041
Website:	www.maxfrank.com	Email address: info@maxfrank.co.uk
Does the company have management systems?		
The company is certified according to		<input checked="" type="checkbox"/> ISO 9001

3 Product information

Country/postcode/location of final manufacture	United Kingdom, Stoke-on-Trent, ST1 4AF		
Is a safety data sheet available for this product?	<input checked="" type="checkbox"/> not applicable	<input type="checkbox"/> Yes	<input type="checkbox"/> No

4 Ingredients

Upon being supplied, the product consists of the following relevant components, in the context of which the following chemical composition was determined

Materials / physical components	Constituent parts	Mass percentage in % or g	EG number/ CAS number	Classification	Comments
Forged ribbed pins	Reinforcement steel B500C	~ 95%			
Double carrier rail	Mild steel Flat Strip	~ 5%			

4.1 SVHC list (Candidate List of Substances of Very High Concern for authorisation)

Does the product contain substances of very high concern >0.1% pursuant to the candidate list?	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
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5 Production phase

Utilised recycling materials which were processed during the manufacturing of the product or its components:		<input type="checkbox"/> not applicable
Material	Quantity and quantity unit	Comments
reinforcement steel B500C	max. 100 %	Scrap metal portion
Mild steel Flat Strip	max. 100 %	
Types of packaging	Proportion in %	Comments
Do emissions occur during the production phase?		<input checked="" type="checkbox"/> not applicable
Type of emissions	Quantity and quantity unit	Comments
Residual products which occurred during the manufacturing of the product or its components:		<input checked="" type="checkbox"/> not applicable
Type of residual products	Quantity and quantity unit	Comments

6 Construction phase

Are their specialist requirements for the storage of the product?	<input type="checkbox"/> not applicable	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If yes, then which?
Does the product cause environmental risks, e.g., in the case of fire or flooding?	<input type="checkbox"/> not applicable	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If yes, then which?

7 Use phase

Does the product have specialist requirements in terms of operation and maintenance?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If yes, then which?			
Does the product result in specialist requirements regarding the supply of energy for the company?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If yes, then which?			
How long is the estimated technical lifespan for the product?						
a) estimated average reference lifespan	<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:

8 Dismantling

Does the product require particular measures for the protection of health and the environment during its dismantling / disassembly?	<input type="checkbox"/> not applicable	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If yes, then which?
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9 Waste management

Is it possible for the entire product or parts of it to be reused?	<input type="checkbox"/> not applicable	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	If yes, then which?
Is it possible for the entire product or parts of it to be recycled?	<input type="checkbox"/> not applicable	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	If yes, then which?
Can parts of the product be reused or recycled and/or how can they be disposed of?	<input type="checkbox"/> applicable	<input checked="" type="checkbox"/> not applicable		
Material	Comments			
Reinforcement steel B500C	recyclable			
Mild steel Flat Strip	recyclable			
Please state the waste key for the supplied product.				
Is the supplied product classified as hazardous waste?			<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

10 Emissions

With the correct use of the product, it develops the following emissions:		<input checked="" type="checkbox"/> The product does not develop any emissions		
Type of emission	Volume in [$\mu\text{g}/\text{m}^2\text{h}$] or [$\text{mg}/\text{m}^3\text{h}$]		Measuring method	Comments
	4 weeks	26 weeks		

11 Information on the specific environmental benefits

Product can be recycled with other parts of reinforcement used on site. Less material usage than use of traditional reinforcement links.

This self-declaration serves the purpose of information only.

It does not represent any guarantee for the quality of the product or that the product will maintain a certain quality for a specific duration.

As far as legally admissible, Max Frank Ltd. excludes all liability for anything that may come to occur based on the information above.