



BUILDING MATERIAL DECLARATION

Environmental influence of Meag Conrad products of plain concrete and reinforced concrete

Product Concrete products manufactured in factory
 Date Oct. 2001
 Business information Manufacturing and selling, see next side
 Made by BetongTeknik AB/Meag Genevad AB
 Ecopolicy Yes
 Eco certification No
 Eco marking No

Type of products Meag concrete foundations and sea cable weights, se product catalogue
 Fields of application Located outside in earth and water
 Declaration of contents Reinforced and plain concrete with details

The product's part of the life cycle exterior environment	Energy kind-quantity	Raw material	Emissions to air	Effect on earth
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1 MATERIAL INCLUDED

1.1 Raw material, weight %

A.Concrete

Sand and stone	El, petrol, diesel 37MJ/ton	Natural gravel, rock	CO2 2400 g/ton Nox 39 g/ton SO2 5g/ton	Gravel pit, rock pit
Cement	14% *	*	*	*
Water	2%	Water		

B:Locking

Polyamide (PA6) 0,1-0,3%

C.Cover 0,1-0,3%

Polyethene (LDPE)

D.Reinforcement

Concrete steel 1-2%

1.2 Additives None

1.3 Recycled material

Concrete steel * * * *

1.4 Extraction of raw material

A.Concrete

Cement:Skövde, Slite, Degerhamn

Ballast and water: local

B/C Locking/cover

Sweden

D.Reinforcement

Sweden, Norway, Finland

2 PRODUCTION

2.1 Production process	El, oil , 151MJ/ton	Water	CO2 5100g/ton Nox 26g/ton SO2 12g/ton
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3. DISTRIBUTION OF FINISHED PRODUCTS

3.1 Production place	See production places below
3.2 Mode of transportation	Lorry (diesel)
3.3 Distribution	Direct deliveries to customer without intermediate storing
3.4 Packing	No

4 Building time

4.1 Building production	Handling and mounting with excavator
4.2 Product adjustment	?

5. USING TIME

5.1 Operation	energy	no
	emission	no
5.2		no
5.3 Length of life		More than 100 years, class of length of life L2v as per BBK -94

6. Demolition

6.1 Dismantle	Can be dismantled with excavator
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7. Residual products

7.1 Recycling		no (worn out product)
7.2 Re-using	concrete	Can, after crushing, be used as road building material or ballast at concrete production
	concrete steel	yes
7.3 Energy extraction	concrete	not inflammable
	plastic details	can be burned

8. Waste products

8.1 Deposition	Inert material.No restrictions for deposition, Can be left in earth.
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