

ENVIRONMENTAL PRODUCT DECLARATION

According to ISO 14025 and EN 15804



LD STAALSLAKMENGSELS INCL. BELADEN VRACHTWAGEN

COMPANY INFORMATION / DECLARATION OWNER

Manufacturer: De Hoop Betonmortel /
Bouwgrondstoffen
Production Location: Pelt en Hooykaas IJmuiden
Address: Wenkebachstraat 1
1951 JZ Velsen-Noord
E-mail: bc.vdpeijl@dehoop.nl
Website: www.dehoop.nl

EPD INFORMATION

Calculation number:
Date of issue:
End of validity:
Version NIBE's EPD Application: v2.0
Version database: v2.94 (2020-07-13)
PCR: SBK bepalingmethode v3.0 incl.
amendments July 2019, Jan 2020

VERIFICATION OF THE DECLARATION

CEN standard EN 15804:2012 serves as the core PCR
Independent verification of the declaration. according to EN ISO
14025:2010. Internal External

DECLARED UNIT

Unit: ton (ton)

SCOPE OF DECLARATION

A1	A2	A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
X	X	X	MND	MND	MND	MND	MND	MND	MND	MND	MND	MND	MND	MND	MND	MND

(X = included, MND = module not declared)

PRODUCT DESCRIPTION

Deze LCA/ EPD heeft betrekking op de volgende producten:

- LD-mix
- Duomix 0/8
- Duomix 0/22
- Duomix 0/45
- Hydraulische hoogovenslak 0/45
- BGS Pad
- Straatmix

Alle resultaten zijn weergegeven in fase A-3. Door inrichting van de EPD tool zijn deze niet te splitsen in A1,2 en 3. In A-3 zijn weergegeven de resultaten van A1+A2+A3.

De eenheid is 1 ton product inclusief beladen van de vrachtwagen t.b.v. transport naar afnemers.

DESCRIPTION OF THE MANUFACTURING PROCESS

Staalvlak is afkomstig van het proces om ruwijzer te bewerken tot staal. Na ontijzeren van de vlak worden deze te Pelt en Hooykaas gesorteerd en/of bewerkt voor verder gebruik.

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RESULTS

Impact category	Unit	A1	A2	A3	Total
ADPE	Kg Sb	0.00E+0	0.00E+0	1.40E-5	1.40E-5
ADPF	Kg Sb	0.00E+0	0.00E+0	1.80E-2	1.80E-2
GWP	Kg CO2 Equiv.	0.00E+0	0.00E+0	2.64E+0	2.64E+0
ODP	Kg CFC-11 Equiv.	0.00E+0	0.00E+0	3.29E-7	3.29E-7
POCP	Kg Ethene Equiv.	0.00E+0	0.00E+0	1.80E-3	1.80E-3
AP	Kg SO2 Equiv.	0.00E+0	0.00E+0	1.44E-2	1.44E-2
EP	Kg PO43- Equiv.	0.00E+0	0.00E+0	3.25E-3	3.25E-3
HTP	kg 1.4 DB	0.00E+0	0.00E+0	1.40E+0	1.40E+0
FAETP	kg 1.4 DB	0.00E+0	0.00E+0	1.71E-2	1.71E-2
MAETP	kg 1.4 DB	0.00E+0	0.00E+0	6.20E+1	6.20E+1
TETP	kg 1.4 DB	0.00E+0	0.00E+0	1.02E-2	1.02E-2
Parameter	Unit	A1	A2	A3	Total
PERE	MJ	0.00E+0	0.00E+0	0.00E+0	0.00E+0
PERM	MJ	0.00E+0	0.00E+0	0.00E+0	0.00E+0
PERT	MJ	0.00E+0	0.00E+0	1.74E+0	1.74E+0
PENRE	MJ	0.00E+0	0.00E+0	0.00E+0	0.00E+0
PENRM	MJ	0.00E+0	0.00E+0	0.00E+0	0.00E+0
PENRT	MJ	0.00E+0	0.00E+0	3.80E+1	3.80E+1
SM	Kg	0.00E+0	0.00E+0	0.00E+0	0.00E+0
RSF	MJ	0.00E+0	0.00E+0	0.00E+0	0.00E+0
NRSF	MJ	0.00E+0	0.00E+0	0.00E+0	0.00E+0
FW	M3	0.00E+0	0.00E+0	1.32E-2	1.32E-2
HWD	Kg	0.00E+0	0.00E+0	7.34E-5	7.34E-5
NHWD	Kg	0.00E+0	0.00E+0	2.36E-1	2.36E-1
RWD	Kg	0.00E+0	0.00E+0	1.76E-4	1.76E-4
CRU	Kg	0.00E+0	0.00E+0	0.00E+0	0.00E+0
MFR	Kg	0.00E+0	0.00E+0	0.00E+0	0.00E+0
MER	Kg	0.00E+0	0.00E+0	0.00E+0	0.00E+0
EE	MJ	0.00E+0	0.00E+0	0.00E+0	0.00E+0
SP	s€	s€ 0,00	s€ 0,00	s€ 0,36	s€ 0,36

Impact categories: ADPE=Depletion of abiotic resources-elements | ADPF=Depletion of abiotic resources-fossil fuels | GWP=Global warming | ODP=Ozone layer depletion | POCP=Photochemical oxidants creation | AP=Acidification of soil and water | EP=Eutrophication | HTP=Human toxicity | FAETP=Ecotoxicity, fresh water | MAETP=Ecotoxicity, marine water (MAETP) | TETP=Ecotoxicity, terrestrial

Parameters: PERE=renewable primary energy ex. raw materials | PERM=renewable primary energy used as raw materials | PERT=renewable primary energy total | PENRE=non-renewable primary energy ex. raw materials | PENRM=non-renewable primary energy used as raw materials | PENRT=non-renewable primary energy total | SM=use of secondary material | RSF=use of renewable secondary fuels | NRSF=use of non-renewable secondary fuels | FW=use of net fresh water | HWD=hazardous waste disposed | NHWD=non hazardous waste disposed | RWD=radioactive waste disposed | CRU=Components for re-use | MFR=Materials for recycling | MER=Materials for energy recovery | EE=Exported energy

ADDITIONAL INFORMATION

Allocation

There is no allocation applied for the environmental profiles / datasets used in this LCA.