

ENVIRONMENTAL PRODUCT DECLARATION

According to ISO 14025 and EN 15804



FORZ®TOESLAGMATERIAAL ALL-IN

COMPANY INFORMATION / DECLARATION OWNER

Manufacturer: Mineralz BV
Production Location: L001 Mineralz (part of Renewi)
locatie Zweekhorst
Doesburgseweg 16d
6912PN Zevenaar
Address:
E-mail: Jeroen.Lenderink@Mineralz.com
Website: www.mineralz.com

EPD INFORMATION

Calculation number:
Date of issue:
End of validity:
Version NIBE's EPD Application: 1.0
Version database: v2.76 (2019-02-28)
PCR: SBK bepalingmethode v2.0 incl.
Wijzigingsblad overgang naar
Ecolinvent v3.3 of 1th June 2017

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

DESCRIPTION OF THE MANUFACTURING PROCESS

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RESULTS

Impact category	Unit	A1	A2	A3	Total
ADPE	Kg Sb	2.62E-7	0.00E+0	0.00E+0	2.62E-7
ADPF	Kg Sb	4.15E-3	0.00E+0	0.00E+0	4.15E-3
GWP	Kg CO2 Equiv.	5.82E-1	0.00E+0	0.00E+0	5.82E-1
ODP	Kg CFC-11 Equiv.	1.08E-7	0.00E+0	0.00E+0	1.08E-7
POCP	Kg Ethene Equiv.	5.61E-4	0.00E+0	0.00E+0	5.61E-4
AP	Kg SO2 Equiv.	4.02E-3	0.00E+0	0.00E+0	4.02E-3
EP	Kg PO43- Equiv.	8.91E-4	0.00E+0	0.00E+0	8.91E-4
HTP	kg 1.4 DB	1.90E-1	0.00E+0	0.00E+0	1.90E-1
FAETP	kg 1.4 DB	3.94E-3	0.00E+0	0.00E+0	3.94E-3
MAETP	kg 1.4 DB	1.47E+1	0.00E+0	0.00E+0	1.47E+1
TETP	kg 1.4 DB	1.68E-3	0.00E+0	0.00E+0	1.68E-3
Parameter	Unit	A1	A2	A3	Total
PERE	MJ	6.58E-2	0.00E+0	0.00E+0	6.58E-2
PERM	MJ	0.00E+0	0.00E+0	0.00E+0	0.00E+0
PERT	MJ	6.58E-2	0.00E+0	0.00E+0	6.58E-2
PENRE	MJ	9.42E+0	0.00E+0	0.00E+0	9.42E+0
PENRM	MJ	0.00E+0	0.00E+0	0.00E+0	0.00E+0
PENRT	MJ	9.42E+0	0.00E+0	0.00E+0	9.42E+0
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	1.42E-2	0.00E+0	0.00E+0	1.42E-2
HWD	Kg	0.00E+0	0.00E+0	0.00E+0	0.00E+0
NHWD	Kg	0.00E+0	0.00E+0	0.00E+0	0.00E+0
RWD	Kg	0.00E+0	0.00E+0	0.00E+0	0.00E+0
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€ 0,07	s€ 0,00	s€ 0,00	s€ 0,07

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

N.A.