

# Environmental Data Sheet

## Self-declaration based on Environdec Sub-PCR-H Cement and building limes (EN 16908)

Manufacturer:	Finnsementti Oy, Skräbbölenie 18, FI-21600, Parainen (FI)
Declared unit:	1 ton of product
Production site(s):	Raahe
Scope:	A1-A3
Methodology:	GCCA EPD Tool v2.0 / CML v4.7
Date of issue:	15.5.2020
Comment:	All information about goal and scope necessary for results interpretation by the EPD verifier are present in the latest version of the "LCA core model and database report".

Environmental impacts	KJ400			
	Raahe	Pori	Kantvik	
Global warming potential, GWP (100 years)	50.11	52.96	55.39	kg CO2-eq.
Depletion potential of the stratospheric ozone layer, ODP	0.00	0.00	0.00	kg CFC 11-eq.
Acidification potential of soil and water, AP	0.76	0.82	0.88	kg SO2-eq.
Eutrophication potential, EP	0.11	0.12	0.12	kg PO43- -eq.
Formation potential of tropospheric ozone, POCP	0.04	0.04	0.04	kg ethylene -eq.
Abiotic depletion potential for non-fossil resources, ADP-elements	0.00	0.00	0.00	kg Sb-eq.
Abiotic depletion potential for fossil resources, ADP-fossil fuels	665.57	706.80	741.90	MJ
Human toxicity potential, HTP				kg p-DCB-eq.
Freshwater aquatic ecotoxicity potential, FAETP				kg p-DCB-eq.
Marine aquatic ecotoxicity potential, MAETP				kg p-DCB-eq.
Terrestrial ecotoxicity potential, TETP				kg p-DCB-eq.
<b>Resource use</b>				
Renewable primary energy used as energy resource	378.71	379.77	380.66	MJ
Renewable primary energy used as raw materials	0.00	0.00	0.00	MJ
Total renewable primary energy	378.71	379.77	380.66	MJ
Non-renewable primary energy used as energy resource	1053.77	1096.86	1133.52	MJ
Non-renewable primary energy used as raw materials	0.00	0.00	0.00	MJ
Total non-renewable primary energy	1053.77	1096.86	1133.52	MJ
Secondary material	1090.27	1090.27	1090.27	kg
Renewable secondary fuels	0.00	0.00	0.00	MJ
Non-renewable secondary fuels	0.00	0.00	0.00	MJ
Net fresh water	3.21	3.27	3.32	m <sup>3</sup>
<b>Waste*</b>				
Hazardous waste disposed	0.00	0.00	0.00	kg
Non-hazardous waste disposed	0.00	0.00	0.00	kg
Radioactive waste disposed	0.00	0.00	0.00	kg
<b>Output flows*</b>				
Components for re-use	0.00	0.00	0.00	kg
Materials for recycling	0.00	0.00	0.00	kg
Materials for energy recovery	0.00	0.00	0.00	kg
Exported energy	0.00	0.00	0.00	MJ
<b>Extra indicators*</b>				
Electricity use	83.32	83.32	83.32	kWh
Total dust	0.00	0.00	0.00	kg

\* The contribution of activities situated upstream of the clinker manufacturing are not included in the results.