

Environmental Data Sheet

Self-declaration based on Environdec Sub-PCR-G Concrete and concrete elements (EN 16757)

ECOPACT

Manufacturer:	CONCRETOS APASCO, S.A DE C.V., Libramiento Oscar Flores Tapia 1040 Sur, 25350, Arteaga,
Declared unit:	1 m ³ of ready-mix concrete
Product identification:	ECOPACT ,84250NB2014 ECOPACT
Production site(s):	UN SALTILLO
Scope:	cradle to construction
Methodology:	GCCA EPD Tool v2.0 / CML v4.7
Date of issue:	2020-11-27
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	A1-A3	A4	Total	
Global warming potential, GWP (100 years)	2.44E2	3.99E0	2.48E2 (7.57E0)	kg CO2-eq.
Depletion potential of the stratospheric ozone layer, ODP	3.07E-5	7.30E-7	3.14E-5 (0.00E0)	kg CFC 11-eq.
Acidification potential of soil and water, AP	9.85E-1	1.60E-2	1.00E0 (1.68E-2)	kg SO2-eq.
Eutrophication potential, EP	2.31E-1	3.61E-3	2.34E-1 (4.32E-3)	kg PO43- -eq.
Formation potential of tropospheric ozone, POCP	4.71E-2	6.83E-4	4.78E-2 (1.24E-3)	kg ethylene -eq.
Abiotic depletion potential for non-fossil resources, ADP-elements	3.03E-4	1.18E-5	3.14E-4 (0.00E0)	kg Sb-eq.
Abiotic depletion potential for fossil resources, ADP-fossil fuels	2.96E3	6.36E1	3.03E3 (0.00E0)	MJ
Human toxicity potential, HTP	N/A	N/A	N/A (N/A)	kg p-DCB-eq.
Freshwater aquatic ecotoxicity potential, FAETP	N/A	N/A	N/A (N/A)	kg p-DCB-eq.
Marine aquatic ecotoxicity potential, MAETP	N/A	N/A	N/A (N/A)	kg p-DCB-eq.
Terrestrial ecotoxicity potential, TETP	N/A	N/A	N/A (N/A)	kg p-DCB-eq.

Numbers in brackets () refer to impacts from wastes used as alternative fuels.

Resource use	A1-A3	A4	Total	
Renewable primary energy used as energy resource	9.30E1	7.50E-1	9.38E1	MJ
Renewable primary energy used as raw materials	0.00E0	0.00E0	0.00E0	MJ
Total renewable primary energy	9.30E1	7.50E-1	9.38E1	MJ
Non-renewable primary energy used as energy resource	3.02E3	6.45E1	3.08E3	MJ
Non-renewable primary energy used as raw materials	0.00E0	0.00E0	0.00E0	MJ
Total non-renewable primary energy	3.02E3	6.45E1	3.08E3	MJ
Secondary material	1.67E2	0.00E0	1.67E2	kg
Renewable secondary fuels	1.15E1	0.00E0	1.15E1	MJ
Non-renewable secondary fuels	8.99E1	0.00E0	8.99E1	MJ
Net fresh water	7.34E0	4.42E-2	7.39E0	m ³

Waste*	A3	A4	Total	
Hazardous waste disposed	3.62E0	0.00E0	3.62E0	kg
Non-hazardous waste disposed	9.75E3	0.00E0	9.75E3	kg
Radioactive waste disposed	0.00E0	0.00E0	0.00E0	kg

Output flows*	A3	A4	Total	
Components for re-use	0.00E0	0.00E0	0.00E0	kg
Materials for recycling	0.00E0	0.00E0	0.00E0	kg
Materials for energy recovery	2.81E-1	0.00E0	2.81E-1	kg
Exported energy	0.00E0	0.00E0	0.00E0	MJ

Extra indicators*	A3	A4	Total	
Electricity use	N/A	N/A	N/A	kWh
Total dust	N/A	N/A	N/A	kg

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