

CLIMATE DECLARATION FOR CONCRETE

Functional unit: 1 cubic meter of concrete

The climate declaration shows the emissions of greenhouse gases, expressed as CO₂-equivalents. It is based on verified results from a lifecycle assessment (LCA) performed as basis for an EPD®, in accordance with ISO 14025.

Information about the product

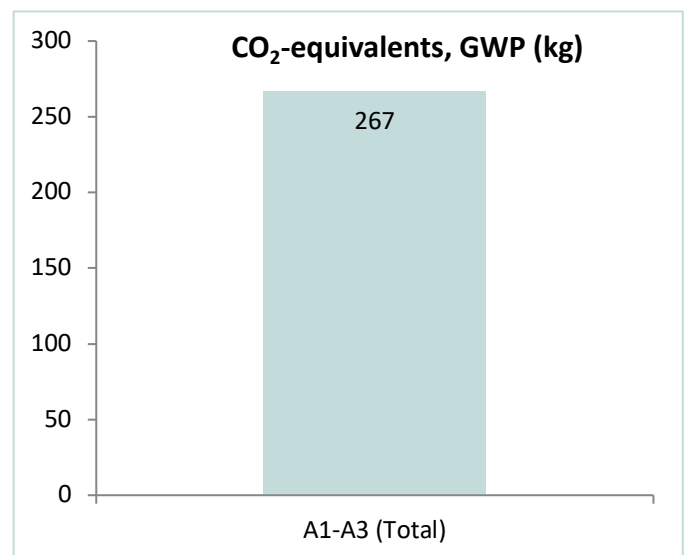
This climate declaration covers the concrete FCK 30 MPA BR.1 ABAT 10+-2, which is used for works subject to aggressive and humid environments and marine works.

Information about the company

Votorantim Cimentos is the market leader in cement in Brazil and the eighth largest global producer in terms of installed capacity, according to the Global Cement Report 2013 data. The company is part of the Votorantim Group and is present in 14 countries through the South America, North America, Europe, Asia and Africa. It is a large industry that produces cement, concrete, aggregates and complementary products such as mortar and lime.

Climate declaration

The life cycle assessment is based on the WBCSD-CSI Tool for concrete and cement EPDs, version 1.4, verified as compliant in accordance with the PCRs (PCR 2012:01 Construction products and Construction services v.2.2, PCR 2013:02 Concrete v.1.02, PCR 2010:09 Cement v.2.1., the General Programme Instructions (GPI 2.5) for the International EPD® System. The studied system includes: A1 raw material supply, A2 transport and A3 core processes.



Other environmental information

This declaration is limited to one impact category. For information about other relevant environmental impacts, see the EPD available at www.environdec.com.

Contact information



www.votorantimcimentos.com

EPD PROGRAMME: THE INTERNATIONAL EPD®SYSTEM		REGISTRATION NO: S-P-00896	VALIDITY: 2021-06-20
PCR: 2013:02 V.1.02	UN CPC: 375	PCR REVIEW CONDUCTED BY: TECHNICAL COMMITTEE INTERNATIONAL EPD® SYSTEM	
INDEPENDENT VERIFICATION OF THE DECLARATION AND DATA, ACCORDING TO ISO 14025: EXTERNAL VERIFIER: MAURIZIO FIESCHI		ACCREDITED / APPROVED BY: TECHNICAL COMMITTEE INTERNATIONAL EPD® SYSTEM	
LINK TO MORE INFORMATION: WWW.ENVIRONDEC.COM/EN/DETAIL/EPD896 .			
CLIMATE DECLARATIONS FROM DIFFERENT PROGRAMS MAY NOT BE COMPARABLE			