

# CLIMATE DECLARATION FOR CEM III 42.5N CEMENT

Functional unit: 1000 kg of CEM III 42.5N Cement

The climate declaration shows the emissions of greenhouse gases, expressed as CO<sub>2</sub>-equivalents. It is based on verified results from a lifecycle assessment (LCA) performed as basis for an EPD®, in accordance with ISO 14025 and EN 15804.

## Information about the product

CEM III 42.5 N is one of the cement types that has high clinker proportion that is mixed with specific portions of basalt, gypsum, slag, limestone, granulated blast furnace, and pozzolan. This type of cement has a strength class of 42.5 MPa (indicating that the characteristic strength at 28 days is a minimum of 42.5 MPa) and it gains normal early strength.



## Information about the company

Amreyah Cement employs state-of-the-art technology to deliver high-quality and reliable cement. With a long-standing history in the market, our cement has proudly built many of Egypt's most well-known landmarks, particularly in the beautiful Mediterranean city of Alexandria. Despite our established reputation, we continue to innovate and introduce new products to meet the evolving needs of the market.

Strategically located on Matrouh North Coast Road, 55 km from Alexandria, our plant achieves a production

capacity of 5.5 million tons per annum (mtpa) through three production lines. As a key player in the national cement market, Amreyah Cement is committed to excellence and sustainability.

## Climate declaration

The table below lists the emissions of greenhouse gases for the product in kg CO<sub>2</sub> eq. per 1000 kg of CEM III 42.5N cement.

GWP	A1-A3	A4
GWP- Total	8,10E+02	5,17E+00

## Other environmental impacts

This declaration is limited to one impact category. For information about other relevant environmental impacts, see the EPD available at [www.environdec.com](http://www.environdec.com).

## Contact information

Amreyah Cement Company

Al Arbaneyat, Borg El Arab, Alexandria, Egypt

Contact: Mahmoud Abouelenien

Email: [M.abouelenien@royalcement.com](mailto:M.abouelenien@royalcement.com)

Phone: +201288883365



<https://www.amreyahcement.com/>

EPD PROGRAMME: THE INTERNATIONAL EPD® SYSTEM		REGISTRATION NO: S-P-07664	VALIDITY: 2029.05.16
PCR: 2019:14 V1.3.2 , 2019:14-C-PCR-001	UN CPC: 374	PCR REVIEW CONDUCTED BY: THE TECHNICAL COMMITTEE OF THE INTERNATIONAL EPD SYSTEM	
INDEPENDENT VERIFICATION OF THE DECLARATION AND DATA, ACCORDING TO ISO 14025: EXTERNAL VERIFIER: ELISABET AMAT		ACCREDITED / APPROVED BY: THE TECHNICAL COMMITTEE OF THE INTERNATIONAL EPD SYSTEM	
CLIMATE DECLARATIONS FROM DIFFERENT PROGRAMS MAY NOT BE COMPARABLE			
THIS SINGLE-ISSUE EPD ONLY ADDRESSES ONE ENVIRONMENTAL IMPACT CATEGORY AND DOES NOT ASSESS OTHER POTENTIAL IMPACTS ARISING FROM THE PROVISION OF THIS PRODUCT. THESE ASPECTS MAY BE OF EQUAL OR GREATER IMPORTANCE THAN THE SINGLE IMPACT CATEGORY DISPLAYED.			