



SIKA AT WORK

CONSTRUCTION SOLUTIONS FOR INFINITY TOWER, NEW ADMINISTRATIVE CAPITAL, EGYPT

CONCRETE PRODUCTION: Sika® ViscoCrete®, Sika® Separol®

ROOFING: Sikaplan®

FLOORING: Sikafloor®

WATERPROOFING: SikaTop®

SIKACIRCLE SOLUTION FOR SUSTAINABLE CONCRETE



PROJECT DESCRIPTION

Infinity Tower is a prominent skyscraper located in Egypt's New Administrative Capital in Cairo. Construction began in 2021 and was completed in mid-2024. The tower was designed by Dr. Assaad Salama. Upon completion, Infinity Tower is expected to be the tallest office building in Africa and the second tallest in Egypt, following the Iconic Tower. It is designed to achieve LEED certification, reflecting its commitment to sustainability. The tower comprises 40 floors and offers over 100 column-free office spaces, ranging from 118 to 1,560 square meters, catering to businesses of various sizes.

PROJECT REQUIREMENTS

The tower will reach a height of 200 meters. The tower's columns feature a compressive strength of C100, making it the first project in Egypt to utilize this strength level.

Any product name or reference reflects the Sika product name at the time of creation of this document and may differ from the product name or reference during past events.

Our most current General Sales Conditions shall apply.
Please consult the most current local Product Data Sheet prior to any use.



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SIKA SOLUTIONS

All concrete elements follow the SikaCircle concept:

- Optimized mix design for CO₂ reduction of 15% below the reference mix
- Raft foundation mass concrete using Sika® ViscoCrete®-3007 GL
- C100 and C90 columns using Sika® ViscoCrete®-Ease 3977

In addition, the following Sika products were supplied:

- Crystalline waterproofing with SikaTop®-501 Seal
- Roofing with Sikaplan® 750 TPE
- Form oil with Sika® Separol®-341
- Flooring with Sikafloor® QuartzTop-100

Sika has provided full service to the customers:

- Early engagement with the project owner to present the SikaCircle concept which aim to enable sustainable construction of the concrete structure
- Mass concrete design for C60 with a maximum heat of hydration of 62°C
- Tailor-made admixture for ultra-high-strength self-compacting concrete with 2-hour workability retention
- A one-stop-shop offering for all construction phases
- Close follow-up and coordination with the contractor

PROJECT PARTICIPANTS

Project owner: Government of The Arab Republic Egypt
Architect: Assaad Salama
Sika organization: Sika Egypt