

**Project:**

Mahmoudia Corridor Crossing  
Bridges

**Location:**

Alexandria

**Project completed:**

2020

**Owner/s:**

Northern Military Region

**Applicator/Contractor:**

Gharably Engineering  
Integrated Co.

**Designer/Architect/Specifier:**

ECU (Dr. Abd Al Aziz  
Mahmoud)/Khatib and Allami

**Market sector:**

Infrastructure

**Products used:**

MasterRheobuild 2270  
MasterRheobuild 850  
MasterRheobuild 833  
Master Seal 501

## MAHMOUDIA CORRIDOR BRIDGES, ALEXANDRIA, EGYPT



Our reference in Mahmoudia Corridor Bridges (Egypt): Alexandria

### The background

Mahmoudai Corridor is the biggest infrastructure project in Alexandria. Project is over 21 KM length with 5 interchanges with Flyovers and bridges over the covered part of Lake. 6 crossing vehicle bridges connecting both banks for the exposed part of Lake. 14 Pedestrian bridges. 2 Entertaining areas.

### The challenge

Provide a very durable concrete with lowered permeability, shrinkage and creep.

Increase concrete workability and modulus of elasticity.

Provides total and permanent waterproofing system that will not delaminate, peel off or wear away to resist the heavy traffic & high temperature of asphalt installation.



## MAHMOUDIA Corridor bridges & Entertaining areas



Our reference in Mahmoudia Corridor Bridges (Egypt): Alexandria

### Our solution

Propose complete system for concrete admixture.  
Propose crystalline waterproofing solution..

### The customer's benefit

- Finish project within planned schedule.
- Durable solutions for concrete & waterproofing.
- Master Builders Solutions technical support through project phases.
- ...

### Projects facts at a glance

- Total Length 21 KM
- Project Value 5.5 B EGP.
- Project Duration 2 Years.
- ...

### Master Builders Solutions by MBCC Group

The Master Builders Solutions brand expresses MBCC's expertise in providing customized chemical solutions for new construction, maintenance, repair and restoration of structures.

Master Builders Solutions is built on the experience gained from more than a century in the construction industry. At the core of the Master Builders Solutions brand is the combined know-how and experience of a global community of MBCC construction experts, who connect with you to solve all of your construction challenges.

Further information is available at:

<https://www.master-builders-solutions.com/en-eg>

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