

Mohamed Aly Palace Shubra El Kheima

Project:

Mohamed Aly Palace

Location:

Shubra El Kheima, Egypt

Project completed:

2020

Owner/s:

Egyptian Ministry of Antiquities

Applicator/Contractor:

ABuild

Designer/Architect/Specifier:

Misr Consult

Market sector:

Historical Monuments

Products used:

MasterSeal 745 SPF

MasterProtect 300

MasterSeal M261



Our reference in Kalioubeya (Egypt): Mohamed Aly Palace

The background

Mohamed Aly Palace located in Shubra El Kheima, is one of the many monumental palaces, owned by King Mohamed Aly Pasha, who ruled Egypt from 1805 to 1848, and who is considered the founder of Modern Egypt.

The construction of the palace started in 1808 and was finished in 1821.

The renovation and repair processes of the palace started in 2017, with total budget of EGP 155MN.

The challenge

This palace was built since 1821, so it is considered a monumental building, and is under the authority of the Egyptian Ministry of Antiquity.

The challenge in the project was to find a light weighted roofing solution that could be applied on the old wooden roofs of the Palace, to provide thermal insulation and waterproofing.

Besides the system chosen, the technical support provided from MBCC team, along with the highly qualified applicator, were key factors in winning this unique project.

This is the first time in Egypt to use the Standard Roofing System in a Monumental building.



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Our solution

Standard Roofing System including the following layers, MasterSeal 745 SPF – Polyurethane Foam MasterProtect 300 – Acrylic Coating
MasterSeal M261

Durable and Integrated Roofing Solution, offering very highly efficient thermal insulation and waterproofing.

The customer's benefit

- Durable Solution with longer service life than traditional solutions
- Highly efficient thermal insulation
- Impermeable system with 2 layers of waterproofing
- 30% less energy consumption
- Fast application
- Easily repaired in case of any damages in the future
- ...

Projects facts at a glance

- Total area of the Palace and its land are 62 Feds .
- Renovation budget is EGP 155MN, and is being carried out by RME, and managed by the Military Forces.
- Mohamed Aly Palace is one of the unique monumental palaces in Egypt.
- This is the first monumental project where the Standard Roofing System is being used.

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