

Project:

Intercontinental City Stars

Location:

Nasr City, Cairo, Egypt.

Project completion:

April 2011

Owner/s:

Golden Pyramids Plaza

Applicator/Contractor:

Shuttering

Designer/Architect:

El Khateb

Market sector:

5 Stars Hotel

Products used:

PCI Pceitape
PCI Lastogum
PCI Gisogrund
PCI Nanolight White

Intercontinental City Stars Cairo Hotel



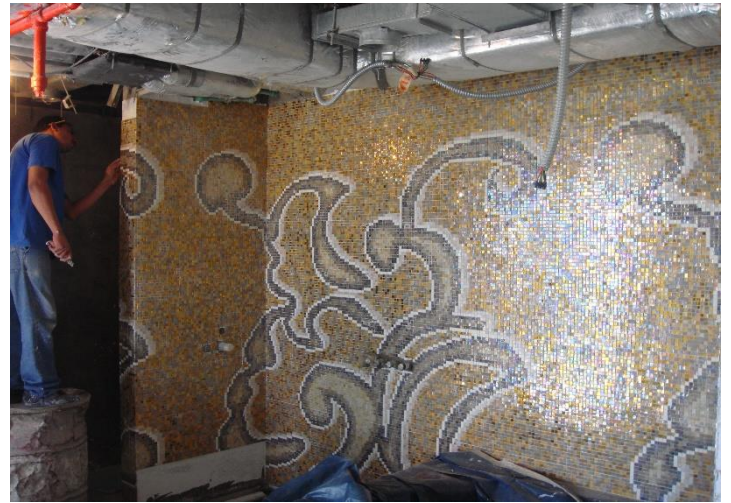
The Background

One of Master Builders Solutions success contribution in KAFD project in Riyadh, is Parcel 1.15, which will be the second tallest tower situated within the KAFD, its height is 303 m and provides 1.5 million sq. ft. of office space.

The Challenge

- 16,000 m3 raft foundation one-shot pouring, which the biggest raft foundation is poured in Riyadh city.
- Congested Steel Reinforcement.
- Pumping concrete for 68 floors height.
- Fresh concrete temperature 28° C.
- Flow concrete, 550-750 mm flow.
- Concrete strength categories C-40, 50, and 70 MPa.
- Mass concrete pouring, 70° C maximum internal temperature, and 20° C maximum differential temperature.





The Solution

PCI Nanolight white adhesives are truly multi-use products, with Incredible adhesion characteristics, utilizing the most advanced Nano technologies, it is the ideal tile adhesive for high quality tile work requiring fine detail or for glass tiles where the adhesive may remain visible.

It is particularly useful in conjunction with glass and porcelain mosaic, glass tiles or decorative work, for instance in bathrooms, leisure facilities, swimming pools and spas where PCI provide a complete system specification incorporating PCI's waterproofing technology.

The Customers Benefit

The client was satisfied with the performance of Master Builders Solutions products, the implementation, follow up and especially our solutions are simple while meeting top standards.

Project facts at a glance:

- Easy application saves time and money.
- 30-40% higher coverage by weight, than conventional tile powder adhesives.
- Outstanding non-slip properties.
- Long open work time.

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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