

Fujairah City Centre

Client: Majid Al Futtaim Properties
Contractor: Khasaheb Civil Engineering
Location: Fujairah, UAE
Products: Rapidshor / Kwikstage Propping / Superslim Soldiers / GTX Beams

Case Study

RMD Kwikform engineers and site supervisors put a Rapidshor and Kwikstage led shoring and formwork solution on the shopping list for contractor Khansaheb Civil Engineering, to support the fast track construction of the emirate's first mall, the Fujairah City Centre.

Having worked with Khansaheb Civil Engineering on numerous large-scale projects, including the Wafi Mall and Ritz Carlton extension in Dubai, RMD Kwikform has provided a complete total shoring and formwork solution for the construction of the 45,000 sqm Fujairah City Centre mall.

As the first major mall in the emirate, the Dh200 million (US\$54.4) structure, opened ahead of schedule in 2012, was fast tracked for construction with an extremely tight programme. With work commencing in March 2011, the main concrete frame was completed in just under five months.

Commenting on the project, Darren Ellwood, RMD Kwikform UAE General Manager said: "This is one of the largest projects RMD Kwikform has undertaken in Fujairah to date and represents a key cornerstone in the development of the emirate. Thanks to our experience of large-scale projects of this type, we were able to help and support Khansaheb through the design and operations phases of the project.

"In order to achieve the fast cycle times demanded by the programme, we developed a solution combining the benefits of our modular Rapidshor system with lighter weight Kwikstage. With Rapidshor taking the strain of the larger slabs and beams, Kwikstage could be used to support lighter duty

slab areas. It was this combined approach to the shoring needs of the project that helped to achieve major cost savings for Khansaheb, as it was able to use some of its existing Kwikstage fleet, topped up by equipment from RMD Kwikform, reducing overall hire volumes."

In addition to Rapidshor and Kwikstage, RMD Kwikform supplied Superslim Soldiers and GTX Beams to form the soffits for the range of slab thickness's. This equipment was also used to form the many drop beams, with column forms designed for the construction of the columns.

Darren: "Thanks to the effectiveness of the shoring systems used for this project, and the simplicity of erection, striking and dismantling of the shoring, the onsite team, supported by our site assistance technicians, were able to achieve some impressive cycle times."

In total 1,200 tonnes of RMD Kwikform products were used to construct the Fujairah City Centre Mall, which houses over 100 speciality retail stores, cafes and restaurants.

In addition to the core mall, RMD Kwikform supplied a range of similar equipment for the construction of the 4,000 sqm cinema, situated within the mall. Developed by Majid Al Futtaim Properties in the UAE, the mall is set to dramatically reduce traffic volumes into Dubai. The mall will support 1,200 jobs and will be a catalyst for further infrastructure improvements in the area. With more investment promised for the region, the growing population will be well supported.

