

# Skylink Bridges

Client: Riyadh Investment Company  
Contractor: Al Ghurair  
Location: Riyadh, Kingdom of Saudi Arabia  
Products: Rapidshor, Superslim Soldiers, Alform Beams

## Case Study

Contractor Al Ghurair used shoring from RMD Kwikform to install up to 90 Skywalk link bridges, designed to interconnect all the buildings at the King Abdullah Financial District in Riyadh, Saudi Arabia.

The tubular type bridges were installed in phases as new commercial buildings completed construction in the expanding financial district. Ranging in height from 4.5 metres to 6 metres, each steel fabricated Skywalk bridge is different in length, with a standard width of 4.5 metres. In order to support the installation of the first three bridges, a modular shoring solution was designed by RMD Kwikform engineers.

Commenting on the design Stuart Bland, RMD Kwikform Regional Manager said: "Due to the weight of the steel sections and the need for fast assembly cycles, we designed a solution using our 80kN modular Rapidshor shoring.

This was combined with steel Superslim Soldier primary and aluminium Alform secondary beams to create a safe support for each steel section to rest on, allowing the Skywalk bridges to be connected together and into the fabric of the buildings.

"Thanks to the varying leg lengths of Rapidshor and the fine adjustment made possible using the system jack, it was simple for the Al Ghurair site team to achieve the desired height and support for each bridge."

Supported by a member of the RMD Kwikform site assistance team, the Al Ghurair team were able to successfully install each of the steel and glass Skyway structures, allowing pedestrians to move from one building to the next in a climate controlled environment.



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