

# Mdeirej Bridge, Lebanon

Client: Contrack International  
Contractor: Man Enterprise  
Location: Lebanon  
Products: Alform / Superslim

## Case Study

RMD Kwikform has been heavily involved in rebuilding the Middle East's tallest bridge, the Mdeirej bridge in Lebanon, following its destruction during the war.

Working with the main contractor, Man Enterprise, RMD Kwikform supplied a selection of standard and special formwork items to meet a variety of practical demands in a physically challenging working environment.

The new Mdeirej Bridge will span the deep valley in Lebanon's Sannine mountains. With the piers rising up to 70 metres in height, safe working practices were paramount and RMD Kwikform's proposal of employing its lightweight Alform aluminium beams proved pivotal; weighing far less than timber alternatives. The company's Superslim Soldiers, plywood faced panels and special brackets were also utilised.

Within the height of each of the 10 piers being rebuilt, the section went from rounded to octagonal, and then splayed out into the crosshead or capital – requiring RMD Kwikform to supply three different designs of Alform shutters.

RMD Kwikform's Sales Manager in Lebanon, Youssef Alouf recounts: "This has been a highly prestigious project to be involved with, not simply because it is the highest bridge in the Middle East, but because it carries the highway which is a vital link between Lebanon and Syria."

