

## ROYAL MIRAGE HOTEL

### LANDING FACILITIES FOR VIP GUESTS IN DUBAI

**These two smaller-scale projects were designed and constructed for a 5-star luxury resort hotel newly built on the famous Palm Jumeirah development off the coast of Dubai.**

**The project had two elements. One was a landing stage for guests arriving by boat at the welcome centre, and the second a marina for visitors to the hotel and its restaurant.**

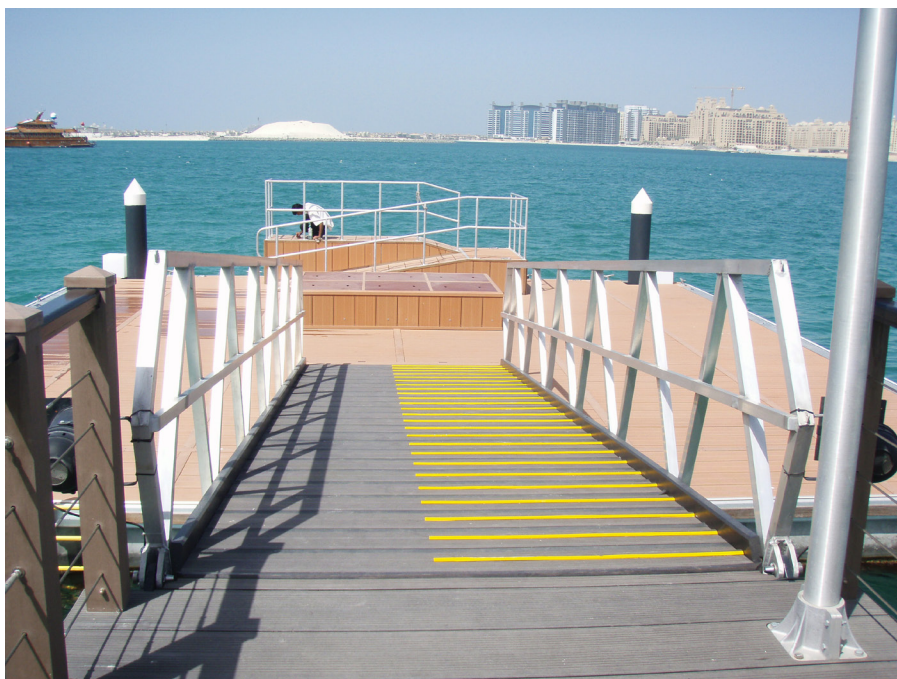


The Royal Mirage Hotel is part of the One & Only group of exclusive resort hotels, and offers guests the highest possible quality when it comes to comfort and facilities. All construction work is undertaken on tight timetables and must meet stringent quality standards. The on-the-water infrastructure designed and built by Walcon Marine was constructed to have a lifespan of at least twenty years.



On the left is a view of the marina that now serves the restaurant and welcome centre. This acts as a day marina for visitors and can take seven yachts of up to 30 metres in length in the main section on the right, plus a number of smaller craft both there and on the drop-off pontoons on the left.

As with the landing stage Walcon used System 2000 pontoons with composite decking, and articulated access bridges to accommodate the tidal range of up to one metre.



The landing stage, shown on the left looking out into the bay, is positioned at the end of a long pier extending out from the shoreline.

Creating a square, stable structure was achieved by fixing together six pontoons, each measuring 11.5 metres by two metres and supported by seven floats.

The pontoons themselves were built to Walcon's System 2000 specification, which uses aluminium extrusions. The anti-corrosion properties of this metal is particularly valued in tropical environments.

10 metre steel tubular piles at each corner ensure minimal lateral movement, and the facilities include power, water, a raised platform to allow guests to embark and disembark from the water taxi plus a storage box in the centre that also doubles as seating.



The images on either side show the final stages of the installation of the pontoons taking place. On the left the landing platform complete with ramp is clearly visible, while on the right an access bridge is being lowered into position.



Walcon Marine has worked on a wide range of projects in the Middle East. As well as the Royal Mirage Hotel assignment, in 2010 Walcon also built the marina for the Asian Games being held that year in Oman. The company additionally has responsibility for the marina element of the annual Dubai International Boat Show, and has undertaken other projects in Jeddah and other locations on the Gulf and Red Sea.