

## Case History:

# X-Roc CemScreed RFR

## Ready-mix fiber reinforced floor screed at Crowne Plaza Hotel, Dubai Festival City, Dubai

**The client:** Dubai Festival City, Dubai  
**Main Contractor:** Al Futtaim Carillion  
**Interior Contractor:** Depa Dubai

### The problem

The Al Bahara Ball Room was to be the Crowne Plaza Hotel's opportunity to entertain Dubai's elite. The floor screed had to be sufficiently level to carpet, structurally sound to cope with the heavy movement expected and also hold many service conduits that would carry the electrics to leading edge multi media equipment.

### The solution

X-Roc CemScreed RFR, ready-mix fiber reinforced cementitious floor screed was chosen because of its physical properties and easy application characteristics.

### Application

The existing concrete deck was scabbled and primed with X-Roc EpoxyBond to promote a proper fully bonded screed. The screed was then pumped into 4m long continuous strips, missing every second strip and then finished to the correct level. Control joints were cut in each strip within 24 hours of casting and the missed strips were cast after 1- 2 days of the first pour. The finished screed was cured using wet Hessian covered with polythene sheet for a minimum of 7 days.

