

Project Spotlight



Nestlé Water Factory Abu Dhabi, United Arab Emirates

Freeplan 'jointless' ground bearing SFRC floor slab

Nestlé Water have invested 100million AED in their new water bottling facility in ICAD. The new facility responds to increasing demand for high quality bottled water brands in the region and produces Nestlé Pure Life brand for the United Arab Emirates and lower Gulf. It was designed to the highest standards in environmental sustainability, making it one of the most water- and energy-efficient bottling facilities in the region. Twintec Middle East were selected by design & build contractor, Prompt Contracting LLC to design and construct a Freeplan 'jointless' SFRC floor slab for the facility that would take away the requirement for saw-cut joints, thereby improving the operational efficiency and significantly improving ongoing maintenance costs for Nestlé.

The Freeplan 'jointless' floor slab was in total 11,300m² and reinforced with Dramix Steel Fibres, incorporating Peikko Tera Joints at the edge of each 'jointless' panel.

Twintec worked closely with Prompt Contracting and Capital Engineering Consultants to design the optimum slab for the factory's complex requirements in terms of machinery, storage and traffic movements. This design co-ordination and subsequent production co-operation and understanding was a critical success factor for the project and allowed the floor slab to be laid in 6 casting days.

Project Data

End User:	Nestlé Water
Contractor:	Prompt Contracting LLC
Consultant:	Capital Engineering Consultants
M ² :	11,300m ²
Pour Days:	6 days
Completion Date:	September 2018

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Twintec provides a personal product through a total offer concept with a high level of performance, environmental sustainability and aesthetics worldwide.

The customer is centric to our business. Our in-house team ensures a personalised solution that is tailored to meet client's specific requirements.

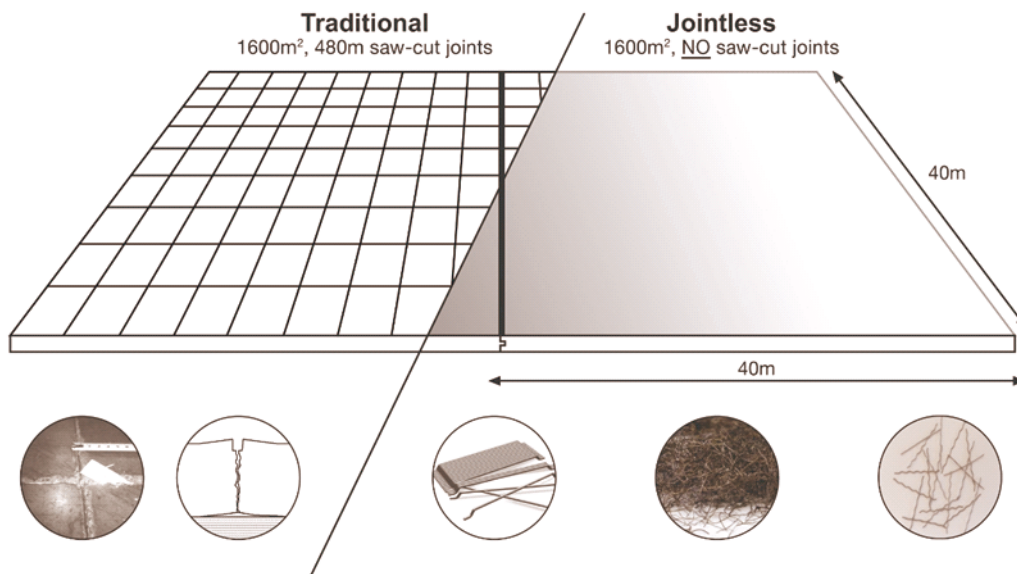
Committed to our people:

The Twintec Group has been built on a foundation of respect throughout the business. Health, safety, wellbeing and happiness of our employees is paramount.

Committed to sustainability:

Through design optimisation and use of latest material and equipment technologies, we will minimise environmental impact of every floor slab.

Eliminate all straight cracks from your floor slab – specify a Freeplan 'Jointless' slab.



Advantages of Freeplan 'Jointless' slab

- ✓ Reduced maintenance costs
- ✓ Reduced production time
- ✓ Reduced environmental impact
- ✓ Improved operational efficiency
- ✓ Improved flatness tolerance
- ✓ Improved business life cost

TWINTEC ASSURANCE GUARANTEE

The Twintec assurance guarantee extends across the business, incorporating quality control, professional staff, customer service and aftercare. Specifically, Twintec offer industry leading insurance guarantees and warranties.



Contact the Twintec Middle East business team for further information:

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