

API WAREHOUSE ZOUK MOSBEH, LEBANON

CCL Client: api Company

Consultant: api Engineers

Main Contractor: CCL - DHPPB

Project Date: September 2017



Advanced Plastic Industries (api), the leading pipe manufacturer in Lebanon, decided to expand its production facility with a new 2,300 m² factory in Zouk, which included a very flat slab on grade requirement.

When the original contractor failed to achieve the degree of flatness and levelness specified by the client, CCL was called upon to rectify the situation.

This involved CCL's specialist Surface team carrying out repairs to the 1,000 m² of slab already cast by the previous contractor and then designing and executing the remaining 1,300 m² of the slab on ground application to meet the client's specification.

CCL worked with a local concrete batching plant to produce a special concrete mix design which produced the unique aesthetic finish for the floor.

The Surface team achieved the required flatness and levelness on the new floor and polished this to give an extremely high-quality finish. The striking result underlined the importance of the relationship between the slab flatness and the polishing process, and demonstrated that the complete CCL Surface treatment provided the optimal solution. The existing floor slab was repaired and also polished.

Surface Jointless Flooring System - DHPPB

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