



Crystal Admix HD

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website: www.concreteaquaguard.com

Aviséal Project Report

Marina Village, Langebaan, South Africa

The life of the luxury requires high quality inputs. These high end beach front luxury units need to be dry and comfortable.



They chose Crystal Admix HD technology to waterproof all the raft foundations and suspended slabs.

Located beside the sea on beach front sand, this project required a waterproofing system that could handle the rigours of water ingress and bear the loads of the three level units.



The project engineers designed a 500 mm deep raft foundation for the load bearing walls to replace pilings or standard strip footing. The use of Crystal Admix HD eliminated the difficulty of waterproofing the concrete and achieved a 40% increase in strength over the original design mix.

