

DORMAC

MARINE ENGINEERING



DOCK 1 and DOCK 2 are floating docks with computerised leveling system

Length overall	155 Metres
Length Between Perpendiculars	138 Metres
Length of pontoon	139.5 Metres
Height of pontoon	4.8 Metres
Breadth between the entry fenders	24.5 Metres
Breadth between wing walls	26 Metres
Maximum submersion depth	7 Metres
Cranage	2 x 7.5 Tonne at 16 Metres
Lifting capacity	8500 Tonne

"Dormac Dock 1" is the first brand new composite floating dock to enter service in Southern Africa, and the single largest investment by the Southey Holdings Group into the Ship Repair industry in the region. The arrival of Dock 1 allows Dormac not only to accommodate a greater volume of clients' vessels, but also to better utilise existing panamax docking facilities. The dock is equipped with the latest energy-efficient technology and a computerised levelling system, as well as two brand new 16m 7.5-tonne cranes (instead of the typical 5-tonne cranes).

Dormac Dock 1 is alongside the purpose-built quay, and permanently connected by means of two heavy-duty piles driven 20m deep into the seabed, thus allowing far more stability and control during docking and undocking operations. The quay has been designed with recesses, allowing the dock to operate close to its edge, thus reducing crane span lengths and maximising efficiency. Access is via heavy-duty compensating vehicle access ramps, as well as two biometrically-controlled personnel embarkation points. These not only enhance safety and productivity, but adhere to existing Dormac ISPS-approved procedures.

Based on client demands, the new quay has also been designed with back-of-quay support to accommodate offshore supply base activities and services.

