

Case Study

LAGUNA QUAYS RESORT

Product:	Durahold
Project:	Laguna Quays
Engineer:	Synclair Knight Mertz
Contractor:	Theiss Contractors
Date Constructed:	1992



Background Notes:

Laguna Quays Resort is a 1850 hectare site at Repulse Bay south of Prosperine in Queensland's Whitsunday region. It is comprised of a 100 berth marina, boat terminal, boat-lift structure, boat ramp, hotel and golf course. The wall in its highest point reaches 7 metres and is of crib construction.

Installation was very efficient as the units were craned directly from the delivery truck into their final position. Benefits of this include: reduction of double handling, reduction of on-site storage, reduced on site machine costs and a significant saving of time.

Approximately 7500 blocks were manufactured for the wall and rigorous quality control was essential as the marina is subject to a 6 metre saltwater tidal variation. Thorough quality testing of the blocks showed a very good relationship between density and strength.





