

FRESH WATER TANK

MOOREA ISLAND FRENCH POLYNESIA

In July 2011 the first Kliptank in the Pacific Islands was installed at a small farming development on the island of Moorea in French Polynesia. The tank is fully sealed with food grade materials making it suitable for drinking water.

THE SPECIFICATIONS OF THIS TANK ARE:

- ◆ 67,000 Litres of usable storage capacity
- ◆ 3.0 m high
- ◆ 5.35 m diameter
- ◆ Sand base

The lightweight alloys and plastics in the Kliptank design made freighting this tank to its remote location very simple. The flat-packed tank fit into a 20-foot container with plenty of room to spare. It was then moved to site by vehicle on a single trailer load.

The majority of the construction was done with common hand tools which were easily condensed into a suitcase.

To reduce the installation costs Kliptank sent only one personnel from NZ and used four local helpers to put the tank up in just two days.

The plastics and marine grade alloys of the Kliptank are inert to the corrosion problems typical in salty environments and resistant to the rough abrasion of sand in the wind.

The photos to the left show the finished tank, the sand pad foundation that was prepared by hand, the tank roof being fitted and the workers in front of the tank after installation.

The photos below show the tank being preassembled in NZ, the tool kit that was taken, and the finished tank looking down on the farm and the few houses it supplies water to.

CLIENT: Paul Yuen

