

CASE STUDY

Barrier | Dam Lining | Umhlanga New Town Gardens

May 2009

Client Tongaat Hulett Group
 Product **Sealmac®**

Contractor Afrocon
 Rep Jeremy Muthusamy

Problem

The growing hub of Umhlanga required a recreational area and an ornamental dam was included in its plans. The dam required sealing.

Solution

This ornamental dam was constructed using the Sealmac® dam lining geomembrane and a latex modified bitumen emulsion known as Waterbloc.

Sealmac was laid and held in place around the perimeter of the dam with an anchor trench. It was then coated with the Waterbloc at an average spread rate of 3l per 1m².

Benefits

The designers chose Sealmac® because it's able to conform to the unusual shape of the dam. It's also an inexpensive system.



Excavation & construction of the area to be lined with the Sealmac® Dam Lining System



Placement of Sealmac® & coating with Waterbloc bitumen



The completed dam filled with water