



# South Africa

## Flagstaff Dam – Eastern Cape



### Flagstaff Regional Water Supply Scheme

- Thuso Development Consultants, appointed Eastern Cape Khulanathi for the construction of the Mzintlava dam.
- After suffering many months of construction delays, due to heavy unseasonal rains, the Mzintlava fresh water dam was finally completed in December 2013.
- Polymer Pavements (Pty) Ltd has been appointed to supply and install a synthetic geoliner over 40,000 m<sup>2</sup>. The company will use their unique patented PolySeal geoliner, to line the floor and walls of the clay-clad dam.
- The PolySeal liner consists of an underlying geofabric, which is pinned to the base layer. PolySeal is then sprayed over the geofabric in three consecutive layers, with a modified gunning machines. The elastomeric PolySeal emulsion, is applied as a liquid and when cured, will form a strong synthetic geoliner, which is totally UV, acid, alkaline and fire resistant.
- PolySeal dam liners are guaranteed for 10 years

- PolySeal Dam Liners 10 Year Warranty
- Certified by the South African Bureau of Standards
- Australia - certified by the AMS Laboratories
- Acid/ Alkaline Resistant North West University South Africa
- **POLYSEAL USES**
  - Dam Liners
  - Concrete reservoirs
  - Mine tailing dams
  - Canals
  - Earth irrigation dams
  - Koi & fish dams
  - Waterproofing



Before



During



Nov 2011 - Afterwards