

WESTERN POWER GENERATOR BUNDS

The major components of this project constructed in Forrestfield, Western Australia for Western Power consists of three large bund areas which are designed with a crack width criteria of 0.2mm, this was achieved by using a combined reinforcing method of DRAMIX steel fibres and traditional reinforcing.

Project Completed in 2012

Technical solution

- Slab Thickness: 350mm
- Fibre: Dramix
- Reinforcing: 16mm bar @ 160ctrs T & B EW
- Concrete: 32Mpa
- Calculated Crack width: 0.2mm
- No joints in the bunds

Benefits

Saw cut free slab, no sealing of joints
 Reduced long term maintenance
 Improved durability and elimination of saw cut damage
 No joints therefore reduced risk of environmental impact from generator leakage

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