

COMBI SLAB – DANGEROUS GOODS STORE

Dangerous Goods Stores require their concrete slabs to act as liquid tight membranes. In addition, this project had separate areas with irregular length to breadth ratios (two rooms of 31m x 10m and one of 85m x 21m) that would typically require jointing. The design crack width of 0.1mm would have required heavy bar reinforcing located in the top and bottom of the slab.

For the same crack width design, the use of one layer of mesh (7.5mm wires at 150 c/c transversely and 100mm c/c longitudinally) plus Dramix®, resulted in a cost effective solution that was simpler and quicker to construct.

Benefits

- Liquid tight slabs up to 85m long constructed joint free
- Reduced long term maintenance
- Improved durability and elimination of expensive watertight joints

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