

TEST REPORT

The following field test was carried out on-site at the BHPL project for the Australian Customs Service at Bruce, ACT.

The void former tested was supplied by Buildex Trading Co. The sample tested measured 500mm x 1000mm x 75mm and was constructed out of corrugated cardboard "egg crate" enclosed in corrugated cardboard sheet wrap, resulting in two layers of cardboard on the underside and one on top.

Test method as follows:

1. A layer of dry sand was spread on level ground adjacent to the building under construction.
2. The void former was then placed on the sand.
3. Formwork was then placed around the void former - photograph 1.
4. Formwork was then lined with plastic membrane - photograph 2.
5. At 9.06 am on the 3rd of March 1992, 200mm of concrete was placed into the form and finished - photographs 3 and 4.
6. At 6.36 am on the 7th of March 1992, the form work was removed and excess plastic trimmed away. The void former was found to be in good condition with no noticeable deflection.
7. On the 9th of March 1992 an earthen dam was constructed around the sample and a height reference peg driven into the ground adjacent to the sample. Flooding was initiated at 3.00 pm that day - photographs 7 and 8.
8. At 4.00 pm on the 9th of March 1992 it was noted that the sample slab had settled 5mm.
9. At 5.00 pm on the 9th of March 1992 it was noted that no additional settlement had taken place.
10. At 7.00 am on the 10th of March 1992 it was observed that a total of 60mm of settlement had occurred - photographs 9 and 10.

These tests were witnessed by the undersigned.



Mr Wayne Summerfield
Structural Supervisor
AUSTRALIAN CONSTRUCTION SERVICES



Mr Geoffrey Pearson
Quality Assurance Manager
BAULDERSTONE HORNIBROOK PTY LTD

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