

ALDI FACILITY WA UTILISE DRAMIX

Aldi Distribution Facility at Jandakot Perth 2015

45,000m² of Jointless Internal Warehouse slabs, all reinforced with Dramix steel fibre. The Internal slabs were designed to have no saw-cuts to minimise maintenance under hard wheeled forklifts, and to accommodate up to 12.7 Tonne post loads from the installed racking. The internal pours are some of the largest fibre only pours achieved in Australia spanning 40m x 40m.

Technical solution

- Dramix 3D fibres were used to replace all conventional reinforcement
- More efficient slab thickness was achieved
- Large panel pours 40 x 40m

Benefits

The Dramix steel fibre only designs allowed for much faster construction and larger slab pours with no need for the placement of conventional steel, as well as providing a better solution to resist the heavy loads being applied.

Owner: Aldi

Builder: Cockram Construction

Engineer: Northrop Consulting

Location: Brendale, QLD Australia

Application: Dramix 3D

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