

COCA COLA AMATIL DISTRIBUTION FACILITY

Seamless Combi Slab tackles some big loads

Coca Cola Amatil new Distribution Facility in Queensland Australia, a 30,000m² warehouse. This warehouse includes 9,000m² of High-Bay Racking with an automated storage handling system. At 35 metres high, and with post loads of 27 Tonnes, the most suitable solution was a Seamless Combi Slab. The remaining 21,000m² uses our more typical Jointless slabs with Dramix 3D 65/60BG at 30kg/m³. With Dramix 4D initialised in the many foundations on the project as well. McVeigh consulting engineers worked very closely with BOSFA and Bekaert® in determining the right solution for the Combi Slab to accommodate the different sorts of loading that will be applied to the slab. And they were able to utilise our Bekaert® Software to confirm the designs themselves for the fibre only slabs and the foundations. A great example of everyone working together, with the tools available, to achieve the best possible solution in multiple applications on the one high profile project.

Technical solution

- Dramix 3D Warehouse
- Dramix 4D Seamless Combi Slab for the High bay racking
- Highbay racking analysis

Benefits

No joints – reduced maintenance costs
More efficient design for High Bay racking

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