

WAREHOUSE FACILITY

The building is approximately 100m x 50m and has full restraint along one 100m length from tied-in precast panel walls. Using conventional methods of construction this level of restraint would have required jointing in the floor.

Taking the restraint into account, the Dramix[®] CombiSlab solution enabled the construction of the floor completely joint free, eliminating construction and importantly maintenance costs associated with sawn and movement joints. This was important to the building owner because hard wheeled forklifts has been shown to cause extensive damage to joints.

Technical solution

- Fibre Type DRAMIX®
- Additional Reinforcement top layer of mesh
- Constructed completely joint free
- C35/45 concrete
- Engineer: Dodd Civil Consultants
- Contractor: Conslab

Benefits

- Restrained slab constructed joint free
- Reduced long term maintenance
- Improved durability and elimination of joint damage from hard wheeled forklift

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