



Drift NZ Track - Baypark Stadium Tauranga

PROJECT DESCRIPTION

A temporary concrete drift track for the Demon Energy D1NZ National Drifting Championship was constructed at Baypark Stadium Tauranga. The existing clay surface of the track was removed and the drift track was poured directly onto the exposed surface with limited preparation.

A concrete mix using Forta Ferro[®] macro fibre reinforcement was then poured onto the track in an oval / figure 8 shape. The track is 10m wide and poured with only 5 cold joints but no saw cuts.

Two cracks developed during practice on the track but were held tightly together by Forta Ferro Synthetic Fibre[®]. Given the complex shape and number of curves and a lack of curing, the minimal cracking proved the performance of the Forta Ferro[®] fibres. Overall, the concrete track performed extremely well.

The Forta Ferro[®] reinforced concrete track ensured the success of this event, and this concept of a temporary Forta Ferro[®] fibre reinforced drift track was repeated in other venues around New Zealand.

KEY POINTS

- Innovative Solution
- Enhanced Performance
- Unconventional concrete pour

DETAILS

Date: January 2016

Location: Baypark Tauranga

Fibre: Forta Ferro[®]

Dosage: 3kg/m³

Concrete Details: 90mm slab, 30MPa.
Track placed in 5 sections.

Concrete Supplier: Supacrete Concrete

Contractor: Mt Maunganui Concrete

Contact us for more details