



Demon D1NZ Drift Championship Track, Dunedin

PROJECT DESCRIPTION

A temporary concrete drift track for the **Demon Energy D1NZ National Drifting Championship** constructed in Dunedin's Forsyth Bar Stadium. Plywood was laid down followed by polythene sheeting on to the turf of the stadium. A concrete mix using **Forta Ferro[®]** macro fibre reinforcement was then poured onto the sheeting, in an oval/figure 8 shape.

The track was 360m long, 10m wide and poured with only 5 cold joints but no saw cuts.

Three cracks developed prior to the start of the event, running across the track, but held tightly together by the **Forta Ferro[®]** fibres. 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 surface resembled a mirror in some places which did limit grip making for an exciting event for all involved. Owing to the success of this event, 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: 2016

Location: Dunedin, NZ

Fibre: Forta Ferro[®]

Dosage: 2kg/m³

Concrete Details: 90mm slab, 30MPa. No saw cuts. Area: 360m long by 10m wide track.

Concrete Supplier: Allied Dunedin

Contractor: Mike Edgars, M3 Concrete

Contact us for more details