



Inclined residential driveway and garage turning areas

PROJECT DESCRIPTION

Porirua Construction were developing a hilly residential site in Plimmerton Wellington where three residential properties were to be built.

The driveway access was very challenging and because of the concrete delivery logistics, the steep gradients and the demands expected of the driveway, the decision was made to use FORTA FERRO 54 mm macro fibre.

This meant that no mesh was required, plastic and hardened concrete shrinkage was reduced, impact strength was greatly improved, and fatigue resistance and concrete toughness were assured. This extra heavy duty fibre also offers maximum long term durability, structural enhancements, and effective secondary temperature crack control.

The use of Forta Ferro fibre greatly reduced the pour time it took to pour the driveway as the trucks could back up to the delivery point on the driveway and as it was poured they worked their way down to the bottom of the driveway.

KEY POINTS

- Cost Savings
- Enhanced Performance
- Long-term durability

DETAILS

Date: July 2020

Location: Porirua, Wellington

Fibre: Forta Ferro[®]

Dosage: 2kg/m³

Concrete Details: 100mm thick, 25MPa.

Concrete Supplier: Upper Hutt Ready Mix

Contractor: Porirua Construction

Contact us for more details