



Port Nelson - Slipway drainage / services improvement

PROJECT DESCRIPTION

Contractors Asphalt & General were looking for an alternative to traditional reinforcing at Port Nelson's slipway.

The existing drainage channel was insufficient and needed to be widened, waterproofed and reinforced all at the same time. The channel also doubled as a services channel. Steel reinforcement, because of the salt environment, would corrode rapidly if exposed, so an alternative was sought and Forta Ferro fibre reinforcement was ideal.

Forta Ferro fibres provided the equivalent reinforcement needed, they cannot rust and will not breakdown any time soon even when exposed to UV and the elements.

Furthermore, Forta Ferro fibre reinforcement provides top to bottom reinforcement, plastic shrinkage crack control and long-term abrasive and impact resistance which steel mesh and reinforcing steel does not provide.

KEY POINTS

- Innovative Solution
- Enhanced Performance
- Aesthetics: Non-rusting

DETAILS

Date: February 2011

Location: Port Nelson

Fibre: Forta Ferro[®]

Dosage: 4.5kg/m³

Concrete Details: 40MPa

Concrete Supplier: Allied Concrete, Nelson

Contractor: Asphalt & General

Contact us for more details