



Mana Cruising Club - Club house, Carpark and Marina Slab

PROJECT DESCRIPTION

The clubrooms, with their pathways and walkways, are used as meeting rooms and are for hire for private events. They dovetail into the hardworking marina area itself which provides a 35 tonne (77,000 lbs) travel lift and cradles. The travel lift and cradles are well utilised throughout the year especially in the months leading up to the Christmas cruising season. An anti foul area with water blaster and sump are also provided to ensure the ecologically sound disposal of residue.

The Mana Cruising Club wanted to accommodate the many functional uses of the site while still affording the area a strong aesthetic. The decision was made to use FORTA FERRO 54 mm macro fibre which reduces plastic and hardened concrete shrinkage, improves impact strength, and increases fatigue resistance and concrete toughness.

This extra heavy duty fibre also offers maximum long term durability, structural enhancements, and effective secondary temperature crack control. With such a harsh marine environment, FORTA FERRO's synthetic fibre system also gave the client confidence there would be no issue with rusting wiremesh or unsightly rust showing through the concrete surface.

KEY POINTS

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

DETAILS

Date: June 2011

Location: Plimmerton, Wellington

Fibre: Forta Ferro[®]

Dosage: 3kg/m³

Concrete Details: 100mm slab, 25MPa.

Concrete Supplier: Higgins Concrete

Contractor: Peter Anderson Concrete

Contact us for more details