



Taranaki Bio-Extracts Processing Plant Slab & Truck Accessway

PROJECT DESCRIPTION

TBE manufactures and supplies natural ingredients and products made from New Zealand beef and beef bone for the food manufacture and food service industries in New Zealand and internationally. BTE required a concrete reinforcement system that was practical, hardworking and resilient: accommodating the demands of processing offal and by product, enduring constant cleaning and sluicing, as well as standing up to the punishment from heavy equipment and vehicles (for example carcasses are constantly graded into the grinder).

With an operation that is 24/7 (and almost 365 days of the year) TBE chose FORTA FERRO[®] fibre to maintain costs and to ensure a complete 3 dimensional reinforcement that reliably allowed replacement of non-structural steel in slab on grade concrete.

The fibre is an easy to finish, colour blended fibre, made of 100% virgin copolymer/ polypropylene consisting of a twisted bundle non fibrillating monofilament and a fibrillating network fibre, yielding a high performance concrete reinforcement system that maximises each of the critical fibre characteristics that contribute to long term durability and crack control performance.

KEY POINTS

- Innovative Solution
- Enhanced Performance
- Long-term durability

DETAILS

Date: April 2011

Location: Hawera, Taranaki

Fibre: Forta Ferro[®]

Dosage: 3kg/m³

Concrete Details: 200mm slab, 30MPa.

Concrete Supplier: Sandford Concrete

Contractor: Glyn Herbert Contracting

Contact us for more details