

Product Spotlight

FORTA FERRO Offal processing



PRODUCT DETAILS

FORTA-FERRO® 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.

FORTA-FERRO is superior to other macro fibres in two important user-friendly ways: Best mixing and Best finishing.

FORTA-FERRO offers complete 3-dimensional reinforcement that reliably allows replacement of non-structural steel in slab-on-grade concrete.

Featured Project Details

LOCATION: 57 Kohiti Rd Hawera
DEVELOPER/BUILDER: Taranaki Bio Extracts Ltd
CONTRACTOR/PLACER: Glyn Herbert Construction / Sandford Concrete
ENGINEER/ARCHITECT: Frank Kerslake (Tse Taranaki & Associates)

JOB DETAILS Taranaki Bio Extracts Ltd process offal and animal extracts into fertilizers. They were looking for options to increase the durability, wear resistance and crack resistance of the concrete slab in the processing room and the fertilizer pick up area. Both concrete areas are subject to heavy vehicle traffic on a daily basis. The processing room also has extract washed from the concrete surface daily.

The solution was to use FORTA-FERRO Macro synthetic fibre for the reinforcement. This eliminated any steel requirements and has proved to be effective in reducing cracks and giving the concrete greater wear resistance.

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Products for Concrete and Construction

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