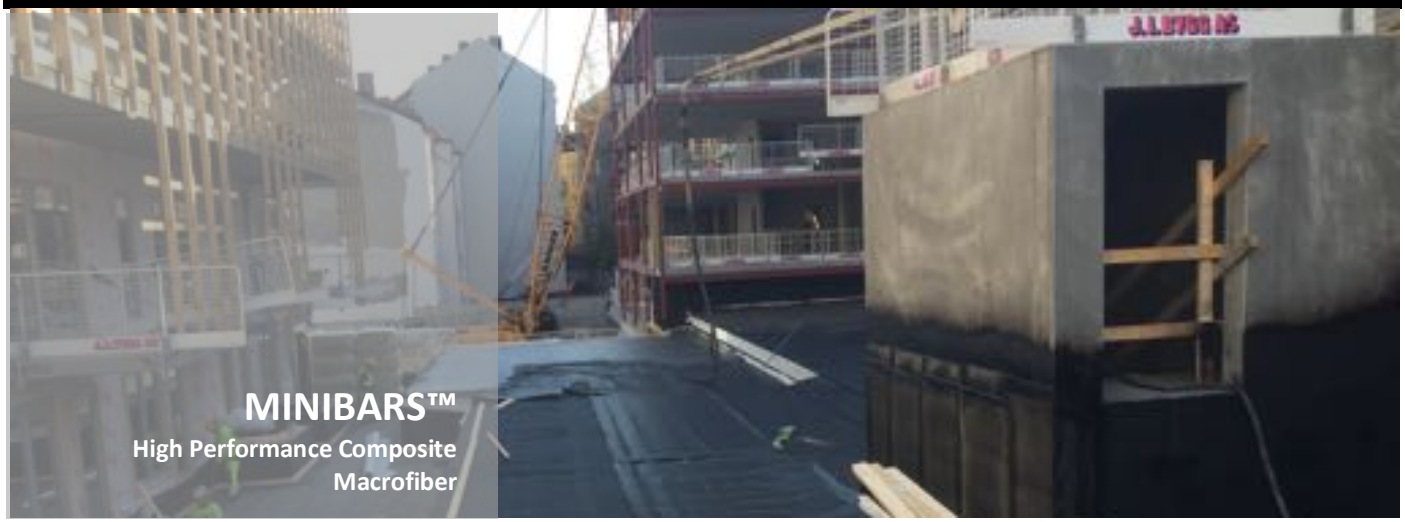
INFINITY WEALTH FUTURES CO.,LTD
泰國兆峯期貨有限公司

ReforceTech
Mineral Fiber Reinforcement Technology

CASE STUDY

Slab on Grade (SoG)

Condominium Complex, Bergstien 1, Oslo Norway





MiniBars™ being dosed at the batch plant creating MiniBars™ reinforced Concrete slab on grade.



MiniBars™ reinforced Concrete being finished on a slab on grade.

Project Profile:

Category:	Residential Complex Slab on Grade and Flooring
Owner & Developer:	Thongård AS
Structural Engineer:	Hoyer Finseth AS
General Contractor:	JL Bygg AS
Ready Mix Supplier:	Unicon
Completion:	August 2018

Technical details:

Application:	Cast in Place Slab on Ground and Screed on hollow core
Concrete Type:	C35/45
Composite reinforcement solution:	5kg/m3 in 100mm slabs (varies)
Other:	https://www.vevi.no/single-post/2017/06/20/Bergstien-1---Grunnarbeider

MINIBARS™ / CASE STUDY

Slab on Grade

Condominium Complex, Bergstien 1, Oslo Norway

Project description:

For this condominium project in Oslo Norway, the contractor specified MiniBars™ in the ground floor slab, the parking garage floor and the slab on grade and screeds on all floors of the complex.

The 43mm MiniBar was selected to replace wire welded mesh throughout.

By replacing all the welded wire reinforcing (WWR) steel mesh with MiniBars™, durable high strength corrosion-free composite macrofibre, the need for cover concrete was eliminated, with good loading capacity, and enhanced crack reduction. The use of Minibars™ enabled significant concrete thickness reduction. The need for lifting and placing wire welded mesh was eliminated thereby lowering costs and reducing the project timeline significantly.

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