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

ReforceTech™
Mineral Fiber Reinforcement Technology

CASE STUDY

PRECAST INSULATED WALL PANELS

Large warehouse shop, Gjovik, Norway





Precast insulated wall panels



Project Profile:

Category:	Latge warehouse shop
Owner & Developer:	Biltema AS
Structural Engineer:	Skaar Eng. AS / Concribe
General Contractor:	Element Partner AS
Precaster:	Egersund Betongteknikk AS
Completion:	May 2018

Technical details:

Precast Element:	Precast Insulated Wall Panels 50mm thick each side, with built in column and beam.
Concrete Type:	C40
Composite reinforcement solution:	MiniBars™ 43mm Composite bars used to reinforce at stress concentrations (window & door opening corners)
Other:	Unique panel design with integrated column and beams

MINIBARS™ / CASE STUDY

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Project description:

Ware house shop with up to 9 meter tall polished faced panels in white cement and granite, with matching glass window panels.

Unique concept of built in columns and beam to transfer loading from roof to support. Inner panel is 50mm, insulation 250mm and outer panel is 50mm.

Warehouse concept is 7500m2 large, and is a concept that Biltema will roll out throughout Scandinavia

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