

Racks loading while cool temperature, seamless solution



Katoen Natie Services (Thailand) Co., Ltd. (KNS), logistics centers in Map Ta Phut, Rayong. Expand the capacity of existing facilities to provide services to support the petrochemical industry with the handling of polymers and specialty chemical industry in Thailand. Bekaert provided a combined reinforcement solution for a specific crack width opening.

The challenge

Critical to the safety of this project for racking is the warehouse concrete floor slab. It had to meet the quality of racks load under the circumstance of cool temperature. Additionally, durability was demanded to support the high racks loading.

The solution

Work closely with engineer, the Bekaert team specified combi-slab reinforcement solution. Rebar combined Dramix® 4D 65/60 steel fiber at dosage of 30kg/m³. The solution could reduce the joints of the slab, met the flatness, cracking and durability specifications and special requirement of racks load.

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Project Specifications

Project type: Warehouse/distribution center
Application type: Seamless floor on ground

Partners

Owner: Katoen Natie Services Ltd.
Gen. contr.: Channakorn Engineering Co., Ltd.
Ready mix: The Siam Cement Co., Ltd.
Engineer: Meinhardt Ltd.
Flooring c.: Channakorn Engineering Co., Ltd.

