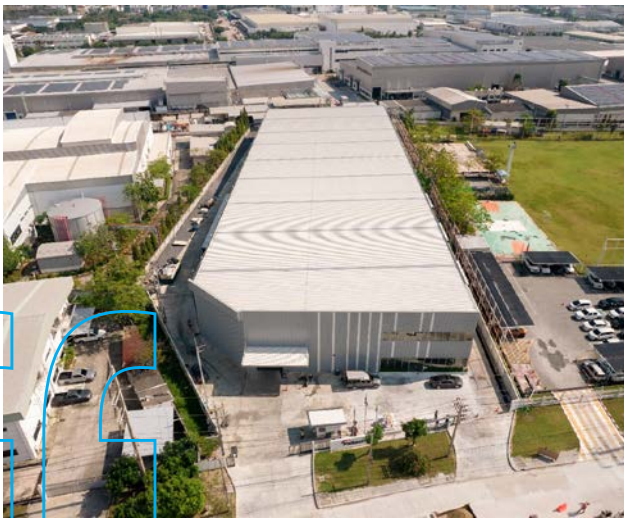


Feltech chose highly durable steel fibers and a reduced total cost



Feltech, established in 2023, is a pioneer in using innovative polyester fibers for sound absorption and thermal insulation. Their products are non-toxic, non-irritant, highly recyclable, and beneficial for indoor air quality and the environment. Feltech's modern factories are located in Amata City Industrial Estate, Chonburi, Thailand, equipped with state-of-the-art technology. For their latest manufacturing hall, Dramix® steel fibers were chosen as the concrete reinforcement material.

The challenge

The project posed a significant challenge: providing a concrete reinforcement solution for the 5,500 m² manufacturing floor that would reduce total construction and maintenance costs to meet a limited budget.

The solution

We supported the design and engineering stages, and proposed a solution with Dramix® 5D 65/60BG steel fibers. The 5D series provides you with the ultimate in performance, thanks to a unique combination of a perfectly shaped hook, a high ductility wire, and extreme tensile strength. This high quality steel fiber will significantly

reduce the maintenance costs of this floor, resulting in a cost-effective yet high-quality reinforcement solution for this floor.

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Project Specifications

Project type: Manufacturing
Application type: Jointless floor on pile

Partners

Owner: Feltech Manufacturing Co., Ltd.
General contr.: Jettarin Engineering Co., Ltd.
Ready mix: The Siam Cement Co., Ltd.
Flooring contr.: Nutcon Corporation Co., Ltd.

