



CASE STUDY

Logistics

PROJECT OVERVIEW

Project: Skånemejerier Warehouse
Customer: Høglager Skånemejerier
General Contractor: SKANSKA
Product: PrimX high-bay floor
Usage: Warehouse, logistics
Address: Boplatsgatan 9, Malmö
Casted: April, 2016
Area: 3 120 m² (33 583 ft²)
Slab thickness: 330 mm (13 in),
 100 mm (4 in)
CO₂ savings: 70 200 kg (154 765 lb)
Automated system: Mecalux

CUSTOMER

Skånemejerier is Sweden's second-largest dairy company. Its annual revenue exceeds 4 billion SEK. Skånemejerier's primary focus is the production and sale of dairy products and fruit drinks, operating with the following brands: Skånemejerier, Bravo, Allerum, Hjordnära, Åsens, and Lindahls. Since 2012, Skånemejerier has been part of Group Lactalis, the world leader in dairy products with 211 production sites in 37 countries. Skånemejerier has four production sites and approximately 600 employees.

CHALLENGE

Skånemejerier wanted to build a new high-bay warehouse with a cooler. This was a remarkable project – the tallest automated warehouse in Southern Sweden, 41 meters high. As always, high-bay warehouses mean high loads, high speed, and the pinpoint precision of automated warehouse systems.



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SOLUTION

The client chose Mecalux as the automated systems provider, and high tolerance parameters were set for the floor. To meet these strict requirements, a PrīmX floor was installed. This was the best solution as PrīmX floor has no joints or else has extremely tight working joints. It is absolutely smooth and flat, which means the lowest possible maintenance costs, minimal equipment damage, maximum productivity and serviceability, and long-term value. The floor thickness was set at 330 mm, with a thinner area of 100 mm where assembly works were planned.



The project was completed efficiently and remarkably fast. The use of steel fiber instead of steel bars to reinforce the PrīmX floor saved one week of construction time – that's 50% faster than installing a typical steel-bar reinforced floor.

During construction, delegations from JYSK and DS Flexhal came to observe the installation process. As JYSK planned to construct a high-bay warehouse in Denmark, this was a good opportunity to evaluate our work in progress. Their experience was very positive, and JYSK chose Primekss to install their high-bay floor as well.



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