



CASE STUDY

Logistics

PROJECT OVERVIEW

Customer: Elektroskandia
General Contractor: Termica AS
Product: PrimX floor
Usage: Warehouse, logistics
Address: Fugleåsen, Langhus, Norge
Casted: January, 2016
Area: 14 200 m² (152 848 ft²)
Slab thickness: 100 mm (4 in)
CO₂ Savings: 230 925 kg (509 102lb)

CUSTOMER

Elektroskandia markets and sells electrical accessories and equipment. The Company provides supplies for the power, automation, industrial, security, household appliances, and telecommunication industries. Elektroskandia is a part of Rexel group and serves customers worldwide.

CHALLENGE

Elektroskandia Norge has entered into a 10 year lease agreement with Bulk Infrastructure on the construction of a 17, 200 square meter main office and central warehouse. Along with DSV, Norsk Lastbærer Pool and Postnord this is 4th large logistics project in Bulk Park Fugleåsen. To ensure smooth operations in warehouse, Elektroskandia needed high quality, precise, durable and long lasting floor, where there was flexibility on racking placement if the business needs for require that.



Joint-less



Perfect for ACV



Low maintenance



Stays flat



40% Less CO₂ emissions



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info@primekss.com

US and Canada:
www.primxna.com
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SOLUTION

PrīmX was chosen as it perfectly fit and exceeded requirements - flat, precise, tough and abrasion resistant, low maintenance floor that ensures smooth driving of forklifts and other MHE in warehouse premises and can withstand the heavy machinery and/ or foot traffic in long run.

It was also much faster to build. Due to absence of steel bar reinforcement in our system, we were able to cast the floor in a week.

A thinner slab thickness was possible because of our heavy steel fiber reinforcement and special anti shrinkage additives that makes material much stronger. 100 mm (4 in) thick PrīmX floor was installed and it is now a perfect reference and has started fruitful cooperation over many years and projects with JM Norge AS.

Additionally - the floor is eco friendly, saving meaningful amounts of CO₂ emissions.



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