



CASE STUDY

Shopping Centre

PROJECT OVERVIEW

Customer: Fastec Sverige AB
General Contractor: Fastec Sverige AB
Performed works: foundations and slabs
Cast: May–December 2018
Address: 1400 Vasa Handelsplats, Stockholm, Sweden
Usage: Shopping centre
Area: 9000 m² (62 420 ft²)
Volume: 2400 m³ (62 420 ft³)

CUSTOMER

Fastec is Sweden's leading construction specialist in commercial and industrial buildings, as well as sports facilities. Over the years, the company has constructed a wide range of supermarkets, shopping centres, industrial estates and fuel stations. Fastec offers not only construction services, but also consulting services, including calculations, purchasing, project planning, installation technologies etc.

CHALLENGE

Customer and General Contractor of the particular project, Fastec Sverige AB, was planning the construction of a multifunctional building - shopping centre with several shops, car wash, gym etc. The project, despite its pretty huge volume, had to be completed in a very short period of time. Therefore the possibility to reduce the construction time of each building process was crucial to get the building finished within the agreed time schedule. So Fastec Sverige AB needed a Concrete Contractor, who could do things faster while maintaining high quality of the work.



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And due to its own patented High Performance Zero Shrinkage Steel Fibre reinforced concrete technology - PrīmX, which ensures a much faster construction process, Primekss was the best fit for this work.

SOLUTION

The solution used in the construction of the Shopping centre was designed on piles using the Zero Shrinkage Steel Fibre reinforced system - PrīmX.

This allowed a significant reduction of steel bar reinforcement installation works and construction time. During the project beams, pile heads and embedded elements for steel constructions were also built. Despite the project specifics - large number of updates in design during the construction process, all were delivered on time and in high quality.



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