

➤ PROJECT OVERVIEW

Customer: Arsenal Shopping Centre
General Contractor: Nordecon AS
Product: SFRC floor with surface finishing
Building Type: Shopping mall
Address: Erika 4, Tallinn, Estonia
Casted: May, 2016
Area: 9 481 m² (102 052 ft²)
Slab thickness: 90 mm (3 ½ in), 100 mm (4 in),
120 mm (5 in), 140 mm (5 ½ in)
CO₂ Savings: 112 485 kg (247 986 lb)

CASE STUDY

Shopping malls

CUSTOMER

Arsenal Shopping Centre was developed in renovated weapon factory building, built in 1917, just before Estonia gained its independence. This beautiful historical building was lovingly restored in 2016 and now more than 30 stores are located in its premises. This for sure is one of most beautiful shopping centers in Baltics.



CHALLENGE

Everybody knows that in general restoration in most cases is far more complicated than just building a new mall. The same applies to flooring works. We had to work in small casting fields with lots of precision manual work, yet within tight budget constraints.

The architect vision was to have beautiful, light reflective, shiny concrete surface across the whole Arsenal Shopping Centre, which naturally also had to be abrasion resistant and durable.



SOLUTION

For current project durable, low maintenance steel fiber reinforced floor (SFRC) was selected. Together with advanced **PrīmX** Shine floor finishing this was a perfect match – beautiful, abrasion resistant, low maintenance floor at very competitive price.

Floors were casted at 90 mm (3 ½ in), 100 mm (4 in),

120 mm (5 in) and 140 mm (5 ½ in) thicknesses. **PrīmX** Shine floor polishing used advanced chemical treatment Of **PrīmX**Densifier and **PrīmX**Sealer. The result - floor surface became hard, looks beautiful and is very easy to clean.



50%
STRONGER



30%
FASTER
INSTALLATION



40%
LESS CO₂
EMISSIONS

WWW.PRIMEKSS.COM

US market: WWW.PRIMXCOMPOSITENA.COM