

Industrial slab

Productionhall Gematec – Wittnau (CH)

Application Industrial jointless slab

Object Productionhall

Size 2,000 m²

Country Switzerland

Year 2018

Fiber Fibrofor Diamond

Description

Construction of a new production hall for the manufacture of mechanical components. Crack reduced design and different machine loads have specified the general conditions. The jointless floor with a maximum field size of 30 x 23.5 m was constructed with industrial joint profiles. In addition the customer wanted a risk-free solution consisting of a high quality fiber in combination with a static calculation based on Eurocode standards

Key advantages of the Fibrofor Diamond Solution

- Cost reduction (shorter construction time, much less steel mesh installation)
- Possibility of joint-less slab constructions for lower maintenance costs
- Ability to work with concrete core activation system
- Tailor made static calculation based on latest standards

