



Kasinopark conversion

Bending tension and punching reinforcement

Location: Aarau, Switzerland

Year: 2018

Construction firm : Stahlton, re-fer technical service

Project description

As part of a renovation project, new column supports were installed in the basement of the Kasinopark. In order to compensate for the missing upper tensile and punching reinforcement, prestressed memory steel strips were applied to the concrete ceiling on the top side. After activation, they were coated with a primer and embedded in the grouting mortar.

re-fer product

The memory steel strips re-plate were fixed to the structure with a Hilti end anchorage and heated with re-fer infrared heater re-IR 3000 to activate the prestressing.

