



Renovation of high-rise building at Lake Constance

Reinforcement of recesses

Location: Lake Constance, Switzerland

Yahr: 2018

Construction firm : re-fer technical service

Project description

As part of a renovation project, new recesses were reinforced over 14 floors. With the pre-stressed re-plate laminae an optimal load redistribution could be achieved in order to meet the requirements of load safety and usability.

re-fer product

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

