



# SIKA AT WORK

## FITNESS PARK ALLMEND IN LUCERNE, SWITZERLAND

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## OASIS OF WELL-BEING

In the sports building of Lucerne's stadium complex, a 2,000 square meter fitness park including spa was newly built on the fifth floor. With its different areas such as Finnish, bio or infusion saunas, an ice room and steam bath, the park offers a real oasis of well-being for visitors. Additionally, sanitary installations with showers and toilets are available.

## PROJECT REQUIREMENTS

- Thermally highly resistant systems (temperature in sauna up to 80°C)
- Structures resistant to water and steam
- Sealing concept with fallback solution
- Large number of penetrations and connections to be sealed
- Many involved craftsmen (builder, sealing company, sauna producer, tiler), which leads to many organisational interfaces

## SIKA SOLUTION

Sika's early involvement and consultation in the planning phase allowed the development of a tailored concept. In order to keep the quality of the execution and interface high, the controlling duty of the contractor was sourced out to BTS Bauexpert.

For the concrete ceiling, the liquid plastic Sikalastic®-822 was used as a primary sealant and fallback solution. The concrete joints were sealed with the Sikadur-Combiflex® SG System.

After screeding and levelling works, Sikalastic®-1 K was applied as a secondary sealing layer. In the sauna, the tiles were bonded with the polyester-based sealant SikaBond® T-8, whereas for all other areas, SikaCeram®-211 Plus was used. Rigid joints were filled with either epoxy resin based SikaCeram® EpoxyGrout or with classic rigid SikaCeram®-502 TG Flex.

## SIKA PRODUCTS

- Sikafloor®-161
- Sikalastic®-822
- Sikadur-Combiflex® SG System
- Sikalastic®-1 K
- Sika® SealTape F
- SikaCeram®-211 Plus
- SikaCeram®-502 TG Flex
- SikaCeram® Epoxy Grout
- SikaBond® T-8
- Sikasil® C Premium

## CONSTRUCTION PARTICIPANTS

**Owner:** Genossenschaft Migros Luzern

### Project and construction

**management:** Sulzer-Buzzi Baumanagement AG

**Interior Design:** Ushi Tamborriello, Rieden bei Baden

**Tile setter:** Kammermann GmbH, Luzern

Our most current General Sales Conditions shall apply. Please consult the most current local Product Data Sheet prior to any use.



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