



SIKA AT WORK

WATER WORLD WALLISELLEN, SWITZERLAND

SYSTEM SOLUTIONS FOR SWIMMING POOLS

BUILDING TRUST



WATER WORLD WALLISELLEN TIGHTNESS REQUIRED



PROJECT DESCRIPTION

On September 23, 2012, the voters from Wallisellen have voted in favour of an investment loan of more than CHF 5.9 million to extend the Water World Wallisellen. The existing swimming pool has been complemented with a whirlpool, beginners' pool and a slide tower. The beginners' pool has closed the gap between a paddling pool for the youngest and a main pool for swimmers. The whirlpool with warm water features three different areas: with massage jets, with jacuzzi beds and with floor air bubble jets. The pools have an appealing, curved form. Between the pool and the window façade a beautiful relaxation area with deckchairs and plants was created.

PROJECT REQUIREMENTS

- Newly concreted pool to be covered as quickly as possible
- Cost-effective sealing concept
- Sealing complex geometries
- Sealing concept with fallback due to an extremely high demand for watertightness
- Great number of components to be sealed
- Many craftsmen involved in the project (builders, sealing company, sauna builders, tilers) and, as a consequence, many organizational interfaces
- Highly resistant to mechanical and chemical strain floor covering that will withstand chlorine water and aggressive cleaning agents

SIKA SOLUTIONS

Thanks to the early involvement of Sika's advisors in the planning stage it was possible to create a perfectly integrated concept that goes beyond the particular application fields. According to the standard, concrete can be covered with tiles 6 months after concreting at the earliest. Thanks to the solution offered by Sika it was possible to tile the area just 2 months after applying concrete. The pools with their curved form have been sprayed with highly reactive polyurea based Sikalastic®-841 ST. In less challenging pool surrounds cementitious slurry coating for water-proofing, Sikalastic®-1 K Quick, has been applied for surface sealing. SikaCeram®-260 White Flex has been used to install stone mosaic tiles. To enhance the resistance of the mortar it was refined with synthetic resin dispersion SikaCeram® Advanced S-2.

SIKA PRODUCTS

- Sika® Control 60
- Sika MonoTop®- 412 N
- Sikadur-Combiflex® SG System
- Sikafloor®- 161
- Sikalastic®-841 ST
- Sikalastic®-1 K Quick
- SikaCeram®-260 White Flex with SikaCeram® Advanced S-2
- Sikasil® C Premium

PROJECT PARTICIPANTS

Project owner: Wallisellen Community
Engineer: Hunziker Betatech AG, Winterthur
Tiler: Heusser, Ofen- und Cheminéeebau,
Wand- und Bodenbeläge, Winterthur
Sealing: SikaBau AG Schlieren

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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