



SIKA AT WORK

R&D BUILDING AT SIKA, ZURICH, SWITZERLAND

SIKA ARCHITECTURAL CONCRETE

BUILDING TRUST



SIKA ARCHITECTURAL CONCRETE R&D BUILDING AT SIKA



PROJECT DESCRIPTION

Sika built a new six storey Technology Centre in the Tuffenwies area of Zurich, where it has had production facilities for over a hundred years. The centre brings together its research and development activities in Switzerland, where the focus of its research will be on adhesives and sealants.

The buildings aesthetic appearance depends on the quality of the façade concrete panels.

PROJECT REQUIREMENTS

The façade was constructed with self-compacting concrete, in a thin-wall construction without movement joints, and required a fair-faced finish that would enhance the appearance of the building.

SIKA SOLUTION

To provide a fair-faced concrete, Sika® PerFin concrete admixture and the mould release agent Separol®-G were utilized. This combination gave the optimum results for release performance and a high quality surface appearance.

Sika® ViscoCrete® high range water reducing superplasticiser makes it possible to produce complex architectural shapes as well as slender, aesthetic concrete elements that include dense steel reinforcement. In order to achieve the lowest possible shrinkage value, Sika® Control-40 was included in the mix design.

PROJECT PARTICIPANTS

Owner: Sika Schweiz AG, Zurich

Architect: Architekturburo Andrea Roost, Bern

Engineer: Walt + Galmarini AG, Zurich

Main Contractor: Bauengineering.com AG, Zurich

Project Manager Sika: Jurg Mettler

Contractor: ARGE Sika:

Marti AG (Lead Management,
Technical Management),

Implenia AG (Commercial Management)

Owners representative: Helbling Beratung und Bauplanung AG

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