

Überbauung Tüchi 2, Rapperswil-Jona

Monitoring measurements and construction site documentation using TEDAMOS CraneCam



The Tüchi 2 residential and commercial building is being constructed on Jonastrasse in Rapperswil.

The private construction project was documented from the moment the foundation slab was laid using daily automatic construction site surveys. Everyone involved, from the private client, Halter Hunziker Architekten AG, to the contractor, Martelli Bauunternehmung AG, and HTB Ingenieure AG, supported the innovative CraneCam solution and benefited from it. Thanks to daily installation checks, plans of the completed structure, foundation walls, and inserts can be checked every day. Each construction stage is recorded geometrically correctly and completely using orthophotos for comprehensive construction documentation.

- 📍 Rapperswil-Jona, Switzerland
- 👤 Halter Hunziker Architekten AG
- 🕒 2024

Services

- ◆ Continuous vibration measurements
- ◆ Manual deformation measurements at the excavation pit and surrounding area
- ◆ Advice on implementing optimal construction site documentation
- ◆ Planning, approval, installation, and calibration of control points
- ◆ Installation of two CraneCams on the construction crane

All recorded data is documented in TEDAMOS Web, our password-protected customer portal with 24/7 access.

Technologies

- ◆ 4 geophones
- ◆ 2 CraneCams