



Industrie Service

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## Concrete Repair

A Product Information Sheet by the Civil Engineering Business Area

In view of increasingly harmful environmental influences, repair of concrete elements such as balconies, façade elements and of course supports, ceilings and floor slabs of underground car parks is gaining in importance. Repair work must aim at permanently protecting the concrete and its reinforcement against new damage and at maintaining the value of the structure as a whole.

In addition to sophisticated technical decisions, cost efficiency also plays a major role in the planning and execution of repair work. In which cases and to what extent is repair more cost-effective than new construction, and therefore a preferable alternative, is a question which frequently crops up. Recent years have seen the development of new construction materials and procedures offering excellent features for expert, permanent and cost-effective concrete repair.

### Our services

TÜV SÜD and its Structural Engineering business unit offer comprehensive services for builder owners, planners, investors and contractors.

TÜV SÜD construction experts have international hands-on experience and have provided independent and impartial support to building owners and managers for over 10 years, assisting them in making all decisions arising in the context of concrete repair. „Concrete repair“ services include:

- Analysis of existing damage and building fabric.
- Preparation of expert reports.
- Development of alternative repair programmes including cost estimates.
- Requesting quotations, advising owners.
- Planning and tendering procedure for necessary repair work in line with the requirements of the relevant codes and standards.
- Support of the entire construction measure, including monitoring of workmanship, site measuring and verification thereof, invoice verification and support during final inspection.
- Follow-up, documentation and monitoring of the implementation of corrective action addressing defects covered by warranty.

### Your benefits

#### Technical expertise and legal certainty

Our experts help to draft technical codes and standards recognised by specialists which form the basis of invitations to tender, implementation of and quality assurance for concrete repair: they are represented in DIN committees, thus guaranteeing that your repair project will be expertly planned, accompanied and monitored. The excellent international reputation of the TÜV SÜD brand further ensures that our reports and certificates meet with the highest level of acceptance.

**We have international representation.**

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