

Research and Design

- Paving for bridges, tunnel and trough structures
- Research of recycling-materials to assign to construction material
- Optimisation of Additives for Asphalt and Bitumen
- Improvement of the surface properties of road pavements
- Skid-resistance and brightness of surface layers for roads
- Suitability tests overlay, if a building material is suitable for the designed purpose of use. The significant points of the suitability tests are part of the building contract



Deck surfacing with reaction resin filled porous asphalt
Seaport bridge Hamburg
Germany

- Expert surveys of building ground and foundations consultancy
- Specialist reports and arbitrator's award

Selected References



Quality tests and consulting in special asphalt technology
Race track Eurospeedway Lausitzring
Germany



Motorways interchange Oranienburg-Germany
Quality tests



High speed railway link Hanover-Berlin
Germany
Quality tests, laboratory- and field tests for all asphalt works



Disposal Golm - Germany
Quality tests during construction

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Germany

◆ **Materials Research and Testing**

◆ **Inspection and Certification**

◆ **Consulting Engineers**

◆ **Expert Surveys**

Infrastructure for the 21st century

Engineering quality made in Germany

Quality supervision of building materials

- Technological advisory service in all concerns of asphalt- and bitumen technology, soil, concrete, mineral building materials and industrial by products
- Quality checks of building materials or components are essential parts of quality assurance in civil engineering.
- Check tests as acceptance inspection of the client conduce to the confirmation of the fulfilment of a contract and evaluation of the performance appraisal.



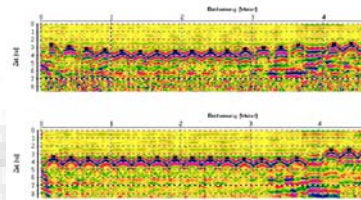
Wheel tracking test



Drilling core of a bituminous pavement

Quality testing on construction sites

- Accompanying quality checks of building ground and pavement - as self monitoring or external control - are the backbone of the quality control and guarantee the contractual production of a construction.
- Non destructive testing with radioactive radiation
- Ground penetrating Radar for geological surveys and non destructive testing of roads



Non destructive testing for determination of position of tie bars and concrete inserts



Bored pile



Non destructive testing of asphalt density

Eurospeedway Lausitz

Inspection and certification

ASPHALTA Prüf- und Forschungslaboratorium is a notified body for inspection and certification according to the "Landesbauordnung Berlin" (Building Regulations of the Land Berlin).

ASPHALTA Prüf- und Forschungslaboratorium is an accredited laboratory for road construction for:

- Suitability tests
- External control assays
- Check tests
- Arbitration tests



Asphalt paving of bridges

The acceptance extends to the following materials as well as thereof produced layers:

- Soil including improvements of soil
- Bitumen and bituminous binder
- Joint filling compound
- Natural mineral nutrients
- Industrial by-products and artificial mineral nutrients
- Recycled materials
- Asphalt
- Hydraulic bounded compound including stabilized soil