

## Quality Assurance Plan (GSP)

The quality assurance plan is designed to ensure the quality of the liquid soil for the respective construction project. It generally defines the requirements similar to a bill of quantities (BOQ):

- self-monitoring
- inspection
- external monitoring

Usually, the quality assurance plan is prepared according to the requirements of the Quality and Test Specifications of the RAL quality mark 507, the requirements of the client as well as external planners/technical planners and/or external supervisors. The quality assurance plan is not a fixed structure. It continues to be updated. In particular, the quality assurance commissioners of the participating construction companies are requested to submit additions and proposals for updating in order to optimise the quality of the quality assurance plan.



### Content

The quality assurance plan applies to RSS Flüssigboden® and

- names the responsibilities/requirements
- describes the peculiarities of the construction site
- specifies the quality controls
- specifies scopes of examination
- names documents and forms and makes them available where appropriate
- specifies the mix designs to be used
- specifies the nominal values to be complied with

### Monitoring Production / Delivery

The production and delivery are of key importance for the quality of the product. The quality assurance ranged from the receiving inspection of the incoming components to the sample collection on site, depending on the current standard. The quality properties of the backfill material and the final result, specified for the respective application by the system supplier in accordance with the parties involved in the quality assurance, are to be verified within the frame of the self- and external monitoring. The tests must be conducted in accordance with the standards and to the scope needed according to the provisions of the current standard. For special applications, further inspections can be added to the scope of the self- and external monitoring. These inspections are to be specified in the quality assurance plan. Monitoring activities are commissioned by the customer. Only external monitoring activities according to RAL are commissioned exclusively by the RAL.

### Vorteile

- secured properties of the RSS Flüssigboden®
- testing institute accredited by RAL
- external monitoring person accredited by RAL
- secured quality and functionality
- research in the field of liquid soil
- developer of RSS Flüssigboden and its applications
- experience since 1998

### Costs

- Initial preparation of the quality assurance plan for construction projects of average complexity: 1200€ net, as of 2019, additional costs possible



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