

Monitoring Self-Monitoring / External Monitoring

The quality assurance is conducted with the goal to guarantee a flawless production of RSS Flüssigboden. The producer, who is monitored by a testing laboratory with expertise in the field of liquid soil and authorized by the RAL (German Institute for Quality Assurance and Labelling), must verify the suitability of the intended construction materials and construction material mixes for the intended use according to the project-specific requirements and the named conditions. The verification shall be furnished amongst others by test results of a testing laboratory approved for the respective construction material mixes, authorized by the RAL Gütegemeinschaft Flüssigboden e. V., and qualified in the specialist field and the system. The backfill material RSS Flüssigboden is subject to self- and external monitoring according to the specifications of RAL-GZ 507, the factory standard, or the requirements of the quality assurance plan



Qualification monitoring Person

For the quality assurance (QA) within the frame of self- / external monitoring, the system user or the monitoring person must present a respective proof of qualification. The person-related proof can be acquired in an institution authorized by the RAL Gütegemeinschaft Flüssigboden e. V. The person-related proof of qualification is valid for 2 years. If no proof of qualification is available, the monitoring is conducted by the system supplier or an authorized institution who assumes responsibility for the proper execution of the works according to the applicable standard. The user of RSS Flüssigboden bears the costs of the monitoring.

Advantages

- 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

- Costs basis package EM (km extra): €1540 net, as of 2019, additional costs possible
- Costs basis package SM (km extra): €680 net, as of 2019, additional costs possible
- Costs basis package SM for certified customers: €350.43 net, as of 2019, additional costs possible

All kinds of monitoring include test reports and test of the soil mechanical parameters according to DIN 18136.

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 product, 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.



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