

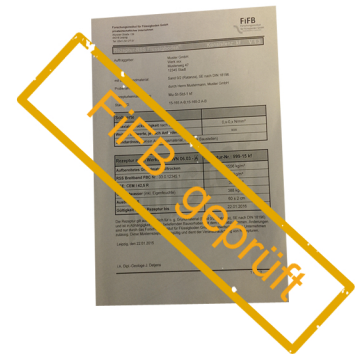
Tests / Analyses

Our high-performance testing laboratory, which regularly carries out tests on RSS Flüssigboden®, guarantees the use of quality-controlled additives. We only use Compound types with suitable and tested properties. In addition to high-quality testing, our focus is on mix design development, consulting and product development. We also offer supervision services in the area of RSS Flüssigboden® at the highest level.

Our Service

As a test laboratory for liquid soil, we offer you sample collection, testing, coaching, monitoring, advice and mix design development for RSS Flüssigboden®.

In addition to the tests according to RAL-GZ 507, we also carry out product tests within the framework of in-house production controls. If tests are required which cannot be carried out in our company, we commission selected, high-quality external companies.



Advantages

- Testing institute accredited by RAL
- External monitoring person accredited by RAL
- Secured quality and functionality
- Research in the field of liquid soil
- Developers of RSS Flüssigboden®
- Experience since 1998

Examples of prices for tests RSS FB

- soil-mechanical properties according to DIN 18136 single test: €37,36 net, as of 2019, additional costs possible
- kf value according to DIN 18130 single test: €189,13 net, as of 2019, additional costs possible
- direct shear test according to DIN 18137: €415 net, as of 2019, additional costs possible
- You will find our current price list on our website.



Typical Tests

Our most common test is the determination of the soil mechanical properties of RSS Flüssigboden®. Every year, we conduct thousands of such tests. Deviating from the German standard we usually use cylinders with the dimensions 120 x 96 mm. Our measurements are always path-controlled with force measurement rings of 5–50 kN. Further typical tests are the water permeability, shear parameters (cohesion, friction angle), grain size of the source material (wet and dry sieving), tests of tension-induced tearing off (static friction, rolling friction), fixation, vane shear strength, settling dimension, ignition loss of the source material, dry bulk density, dynamic load plates pressure tests, proctor test for consistency kp, analysis according to LAGA, German Soil Protection Act, or other standards (external), thermal conductivity (external) ...



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