



RAL Quality Assurance Substrates for Green Roofs and Substrates for Tree Plantings

Continuous neutral monitoring in line with FLL regulations

Substrates for Green Roofs

Evaluation of environmental relevance

- Leachate tests
- Total contents of heavy metals

Substrates for Tree Plantings

Substrates for Tree Plantings – Planting Pits
Construction 1 and 2

Physical Properties

- Grain size distribution
- Foreign objects
- Water / Air content
Total pore volume, maximum water capacity,
Air content for maximum water capacity, Air content
for pF 1.8, Water permeability mod. k_f

Chemical Properties

- Organic matter
- pH value
- Salinity
- Soluble nutrients

Evaluation of environmental relevance

- Total contents of heavy metals

Contact

For more information, please contact

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RAL - RAL Quality Assurance Substrates for Green Roofs and Tree plantings

Substrates for Green Roofs

Substrates for Green Roofs for Intensive Greening (Multi-layer and Single-layer)

Substrates for Green Roofs for Extensive Greening (Multi-layer and Single-layer)

Granular Substrate Material for Roof Layers

Physical Properties

- Grain size distribution
- Bulk density – dry and from maximum water capacity
- Water / Air content
Total pore volume, maximum water capacity, Air content for maximum water capacity, Air content for pF 1.8, Water permeability mod. k_f
- Foreign objects

Chemical Properties

- Organic matter
- pH value
- Salinity
- Soluble nutrients



The benefits to you as agency issuing the invitation to tender and client:

- Generally accepted, always state-of-the-art quality standards in line with FLL Regulations
- Clear terms and conditions based on clear product and service descriptions
- Product safety ensured by neutral third-party monitoring exceeding FLL requirements
- Reduced costs because there is no need for additional quality testing
- Faster tender process since the RAL Quality mark “Growing Media for Plants” granted for green roofs or tree planting substrates is considered reliable proof of the tenderer’s qualification.

Make sure you invite tenders for RAL certified products

Continuous neutral quality monitoring in line with FLL regulations



Approval procedure



Quality Mark awarded



Continuous neutral monitoring of Substrates for Green Roofs and Tree Plantings by Gütegemeinschaft Substrate für Pflanzen e.V.



Monitoring

- Approved third-party laboratories analysing the chemical, physical and biological properties
- Revision of in-house during-production checks
- Neutral group of GGS experts evaluating the quality monitoring

