

Product Data Sheet

System Substrate "Roof Garden"

Order No. 616101 / 616201



System Substrate for intensive landscapes on roofs or on underground car parks.



Technical Data

System Substrate "Roof Garden"

Substrate consisting of Zincolit® (high-quality crushed bricks) and other selected mineral aggregates, enriched with Zincohum (substrate compost enriched with fibre and clay materials). Particularly suitable for intensive green roofs with demanding perennials. Deeper thicknesses* can support shrubs, bushes and trees. The vegetation can be established by planting plug plants.

Intensive roof gardens require irrigation during dry periods. For optimal plant development the use of an appropriate slow release fertilizer (e.g. ZinCo Plantfit 4 M) is recommended (as shown in a special data sheet).

Available in Big Bags and as loose material in lorries.

Please calculate with a compaction factor of 1.3. That means for every square metre and 10 mm of substrate you order 13 l.

Delivery options

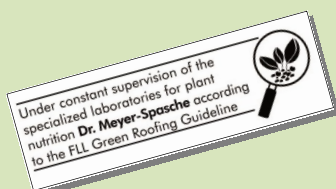
in Big Bags
loose on lorry

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Features

- high-quality recycled product
- excellent water retention
- high air content – even at max. water capacity
- frost resistant and stable in structure
- basic component Zincolit® is under constant quality control by the Labor Dr. Meyer-Spasche



Chemical and Physical Properties

| Parameter | Reference Value |
|---|------------------------|
| Volume weight | |
| - dry | 1000 g/l (+/- 100 g/l) |
| - at max. water capacity | 1500 g/l (+/- 100 g/l) |
| Maximum water capacity | ca. 50 Vol. % |
| Water permeability mod. K _f | 0.3–30 mm/min |
| pH value (in CaCl ₂) | 6.0–7.5 |
| Salt content (gypsum extract) | < 1.5 g/l |
| Organic content | < 90 g/l |
| Compaction factor | ca. 1.3 |

* At thickness of more than 350 mm please install additional the mineral sub substrate Zincolit® Plus.

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Life on Roofs

