

Product Data Sheet

System Substrate "Heather with Lavender"

Order No. 6020 / 614101 / 614201 / 614301



System Substrate for intensive green roofs in multiple layer build-up.



Technical Data

System Substrate "Heather with Lavender"

Substrate consisting of Zincolit® Plus (sorted high-quality crushed brick with selected mineral aggregates), enriched with Zincohum® (substrate compost enriched with fibre and clay materials).

Particularly suitable for intensive green roofs with plant species of the ZinCo plant selection "Heather with Lavender". Deeper thicknesses* can support shrubs, bushes and trees. The vegetation can be established by planting plug plants (e.g. ZinCo Root Ball Plants FB 50).

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 20 l bags, in Big Bags, as loose material in lorries and in silo trailers. Please calculate with a compaction factor of 1.25. That means for every square metre and 10 mm of substrate you order 12.5 l.

Delivery options

in 20 l bag
in Big Bags
loose on lorry
in silo trailer

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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
- suitable for pumping
- basic component Zincolit® is under constant quality control by the University of Hohenheim



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)	6.5–8.0
Salinity (water extract)	< 2.0 g/l
Organic content	< 90 g/l
Compaction factor	ca. 1.25

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

** Light-weight versions which reduce the overall weight by approximately 200 g/l are available on request.

