

Product Data Sheet

System Substrate "Sedum Carpet"

Order No. 611101 / 611201 / 611301



System Substrate for extensive green roofs in single- or multiple layer build-up.



Technical Data

System Substrate "Sedum Carpet"

Substrate consisting of Zincolit® (sorted high quality crushed brick), enriched with Zincohum® (substrate compost enriched with fibre materials). Particularly suitable for extensive green roofs in single- or multiple layer build-up with plant species of the ZinCo plant selection "Sedum Carpet".

The vegetation can be established by planting plug plants (e.g. ZinCo Root Ball Plants FB 50 or KB 100), sowing as cuttings, seed sowing by hand and by hydroseeding. 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, as loose material in lorries and in silo trailers.

Please calculate with a compaction factor of 1.12. That means for every square metre and 10 mm of substrate you order 11.2 l.

Delivery options

in Big Bags
loose on lorry
in silo trailer

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Features

- high-quality recycled product
- excellent water permeability
- 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	1120 g/l (+/- 100 g/l)
- at max. water capacity	1400 g/l (+/- 100 g/l)
Maximum water capacity	ca. 28 vol. %
Water permeability mod. K _f	60–400 mm/min
pH value (in CaCl ₂)	7.0–8.5
Salinity (water extract)	< 2.5 g/l
Organic content	< 40 g/l
Compaction factor	ca. 1.12

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

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