

# Product Data Sheet

## System Substrate "Sedum Carpet"

Order No. 611101 / 611201 / 611301



System Substrate for extensive green roofs in single- or multilayered construction.



### Technical Data

#### System Substrate "Sedum Carpet"

Substrate consisting of Zincolit® (sorted high quality crushed brick) and other selected mineral aggregates, enriched with Zincohum (substrate compost enriched with fibre and clay materials). Particularly suitable for extensive green roofs in single- or multilayered construction 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

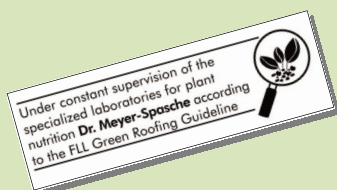
in Big Bags  
loose on lorry  
in silo trailer

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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 Labor Dr. Meyer-Spasche



### 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. 30 vol. %          |
| Water permeability<br>mod. K <sub>f</sub> | 60–400 mm/min          |
| pH value (in CaCl <sub>2</sub> )          | 6.5–8.0                |
| Salinity (gypsum extract)                 | < 1.5 g/l              |
| Organic content                           | < 40 g/l               |
| Compaction factor                         | ca. 1.12               |

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ZinCo Green Roof Systems Ltd.

Wittas House · 2 Rivers Industrial Estate · Station Lane · Witney OX28 4BH · United Kingdom

Phone +44 (0)1993 229700 · Fax +44 (0) 2031 631915

office@zinco-greenroof.co.uk · www.zinco-greenroof.co.uk

Life on Roofs

