

# Product Data Sheet

## Substrate "Roof Garden"



ROOFING SYSTEMS



System Substrate for intensive landscapes on roofs in multiple layer build-up or on underground car parks.



### Technical Data

#### System Substrate "Roof Garden"

Substrate consisting of Zincolit® Plus (high-quality crushed brick with selected mineral aggregates) and other components, such as sandy soil, enriched with Zincohum® (substrate compost enriched with fibre 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 1.5 m<sup>3</sup>  
loose on lorry

#### Order No.

6161  
6162

### Features

- high-quality recycled product
- excellent water retention
- high air content – even at max. water capacity
- frost resistant and stable in structure
- pH neutral
- 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 <sub>f</sub>	0.3–30 mm/min
pH value (in CaCl <sub>2</sub> )	6.5–8.0
Salinity (water extract)	< 2.0 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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