



Technical Data



System Substrate "Roof Garden"

Substrate made of Zincolit Plus (high-quality, crushed, recycled bricks with selected mineral aggregates) enriched with Zincohum (substrate based on mature compost enriched with fibre and clay materials).

Especially suitable for intensive green roofs with demanding perennials, or with deeper substrate suitable for bushes and trees. The establishment of vegetation is done by planting plug plants.

Intensive roof gardens should be irrigated during dry periods.

For optimal plant development we recommend the use of slow release fertilizer ZinCo Plantfit 4M (as shown on a separate data sheet).

Available in BigBags or as loose material in lorries.

Please calculate with a compression-factor of 1.3, this means every m² and cm of substrate you need to order 13 l.

System substrate for intensive landscapes on roofs or on underground car parks

Order no.	Delivery options
6161	in BigBags 1.5 m³
6162	loose in lorry

Features

- high-quality recycled product
- excellent water retention
- high pore volume
- frost resistant
- pH neutral
- basic material Zincolit under constant quality control by the University of Hohenheim



Under constant control of the "Landesanstalt für Landwirtschaftliche Chemie" at the University of Hohenheim according to the FLL-Guidelines



Chemical and Physical Properties

Parameters	FLL-Reference Analysis		Unit
	Value	Value*	
Proportion of d < 0.063 mm	≤ 20	6	mass-%
Volume weight apparent density when dry	-	0.93	kg/l
at max. water capacity	-	1.40	kg/l
Total pore volume	-	64	vol.-%
Maximum water capacity	≥ 45	46	vol.-%
Air content at max. water capacity	≥ 20	18	vol.-%
Water permeability mod. K _f	≥ 0.0005	0.034	cm/s
pH-value (CaCl ₂)	5.5 - 8.0	7.8	
Salt content (gypsum extract)	≤ 1.5	1.3	g/l
Organic content	6-12	7.1	mass-%

* Certified test results from the Research Institute of Hohenheim, dated 9 March 2006, based on the FLL-reference values of vegetation substrates.