

Product Data Sheet

Growing Medium "ZinCoblend-I"

Order No. 6310 / 6320



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



Technical Data

Growing Medium "ZinCoblend-Intensive"

Growing medium ZinCoblend-Intensive produced on the basis of recycled materials and minerals, enriched with high quality compost elements, resistant to flying sparks, frost-resistant, stable structure. Specially engineered by ZinCo Canada and meets the FLL-standards for Planning, Execution and Upkeep of Green Roof sites. Specifically designed for Intensive green roof. Particularly suitable for intensive green roofs with demanding perennials. Deeper thicknesses can support shrubs, bushes and trees. Intensive roof gardens require irrigation during dry periods. For optimal plant development the use of an appropriate slow release fertilizer is recommended

Available in Big Bags and Bulk.

Please calculate with a compaction factor of 1.3.

Delivery options

Bulk

In Big Bags

Order No.

6310

6320

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 PennState University .

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Chemical and Physical Properties

Parameter	Reference Value FLL (2018)
Bulk Density	
- dry	approx. 800-900 kg/m ³
- at max. water capacity	approx. 1,300-1,500 kg/m ³
Maximum water capacity	45 - 65 Vol. %
Total Pore Volume	>50%
Water permeability mod. K _f	0.0005— 0.05 cm/sec
Air filled porosity	≥ 10 Vol. %
pH value (in CaCl ₂)	6.5–8.5
Soluble Salts	≤ 2.5 g/L
Organic content	50-90 g/L
Phosphorus P ₂ O ₅ (CAL)	≤ 200 mg/L
Potassium K ₂ O (CAL)	≤ 700 mg/L
Magnesium, Mg (CaCl ₂)	≤ 200 mg/L
Nitrate + Ammonium (CaCl ₂)	≤ 80 mg/L
Compaction factor	1.3

