

Product Data Sheet

Growing Medium "ZinCoblend - SI"

Order No. 6210 / 6220



Growing Medium for Semi-intensive green roofs in multiple layer build-up.



Technical Data

Growing Medium "ZinCoblend-Semi Intensive"

Growing medium ZinCoblend-Semi 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 Semi-Intensive green roof.**

Semi - Intensive green roofs require irrigation during dry periods. For optimal plant development the use of an appropriate slow release fertilizer is recommended.

Available in Big Bags or Bulk. Please calculate with a compaction factor of 1.2.

Delivery options

Bulk
In Big Bags

Order No.

6210
6220

Features

- high-quality recycled product
- excellent water retention
- high air content – even at max. water capacity
- frost resistant and stable in structure
- suitable for blower truck
- Is under constant quality control by the Pennstate University.



Chemical and Physical Properties

Parameter	Reference Value FLL (2018)
Bulk Density	
- dry	approx. 800-900 kg/m ³
- at max. water capacity	approx. 1,200-1,400 kg/m ³
Maximum water capacity	45 - 65 Vol. %
Total Pore Volume	>50%
Water permeability mod. K _f	0.001– 0.12 cm/sec
Air filled porosity	≥ 10 Vol. %
pH value (in CaCl ₂)	6.5–8.5
Soluble Salts	≤ 3.5 g/L
Organic content	< 40-65 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	1.2

Subject to technical alterations and printing errors • First edition 05/2000; Revised 10/2012

