

Product Data Sheet

Growing Medium "ZinCoblend-F"

Order No. 6310 / 6320



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



Technical Data

Growing Medium "ZinCoblend-F" for fruit and vegetables.

Growing medium ZinCoblend-F for fruit and vegetables 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 Urban Farming green roofs.** Particularly suitable for intensive green roofs with demanding fruits and vegetables.

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 (2008) |
|------------------------------------------------|---------------------------------------|
| 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 |

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

