

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

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

