

# Product Data Sheet

## Growing Medium "ZinCoblend - E"

Order No. 6110 / 6120



Growing medium for extensive green roofs in multiple layer build-up.



### Technical Data

#### Growing Medium "ZinCoblend-Extensive"

Growing medium ZinCoblend-E 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 extensive green roof.**

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.

6110  
6120

### 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 - at max. water capacity	approx. 800-900 kg/m <sup>3</sup> approx. 1,100-1,400 kg/m <sup>3</sup>
Maximum water capacity	35 - 65 Vol. %
Total Pore Volume	>60%
Water permeability mod. K <sub>f</sub>	0.001– 0.12 cm/sec
Air filled porosity	≥ 10 Vol. %
pH value (in CaCl <sub>2</sub> )	6.5–8.0
Soluble Salts	≤ 3.5 g/L
Organic content	25-60 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	1.2

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

