



MINERAL
PROMET d.o.o.

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EC reg. broj **1g568**

KLINOLAND

GENERAL INFORMATION

Category: substance for improvement of physical-chemical properties of soil, sorbent of aggressive substances from soil, water and exhalations, carrier of effective substances

Package: 25 kg bags

Storage: keep in dry place

Oblik: kamenčići 2,5 – 5 mm

Shelf life: unlimited

CHARACTERISTICS, INGREDIENTS

Granulometry

2,5 – 5 mm

CLINOPTILOLITE

min. 84 %

Heavy metals (Sb, Pb, Cd, Zn, Cu)

< 0,1 mg/kg

USAGE

- prevents nutrients from being washed away, stores nutrients in its pores and cavities
- high ion-exchange capability (1.2-1.5 mol/kg = 120-150 meq/100 g)
- enables soil nutrient, content retention, control, and slow release (N, K, Ca, Mg)
- more effective use of fertilisers, which results in lower fertiliser use (**economic advantages**)
- binds heavy metals, radionuclides, organic substances (**environmental advantages**)
- retains/controls water content for plants – an improved plant root system – better crops (**agronomic advantages**)
- ideal as a foundation layer for planting garden flowers and trees and *establishing green roofs*

APPLICATION/DOSAGE

As a foundation layer: 40 – 60 kg/m²

Sandy soils with low sorption capacity: 1,5-2,5 kg/m² in an interval of once in 1 x 3-5 years, to be worked into the soil

As a component for substrate: Klinoland - 10 % by weight of the total volume of the composition (50 kg / 1 m³ of substrate)

Soil conditioning: 0,5 – 1 kg of zeolite per square metre

Soil aeration: 0,6 kg per square metre of soil, to be applied 5-10 cm under the surface, verticulation

For arable lands/bigger areas: 350 – 500 kg/Ha, depending on the type of crops and soil condition

Sowing machine/cultivator: when sowing/cultivating, apply directly 150 – 200 kg/Ha into the ground

Country of origin: **Slovak Republic.**
Eco - product



