

Ground PLUS-G



DESCRIPTION

Ground PLUS is a bentonite granulated product used for preparation of fillings for grounding systems based on horizontally placed conductors (plates, strips, nets).

APPLICATION

Ground PLUS grounding filling has the ability of fast absorption and long-term retention of moisture, installed by using „in-situ“ hydration backfill method, according to the producer's recommendations. The use of Ground PLUS helps achieve excellent results in the improvement of electrical conductivity even when used in complex projects and soils with very high electrical resistance.

Product properties:

- High capacity of absorption and retention of moisture
- Free of toxic elements and does not dissolve
- Easy to mix and compact with all types of soil
- Low specific electrical resistance
- No maintenance required after installation

| Chemical composition | | Parameters | |
|--------------------------------|--------|------------------------------|-----------------------------|
| SiO ₂ | 48,8 % | Electrical resistance | ≤ 2 Ωm |
| Al ₂ O ₃ | 25,0 % | Moisture | ≤ 12 % |
| Fe ₂ O ₃ | 4,86 % | Fluid loss | ≤ 18 ml |
| CaO | 4,55 % | Hydraulic permeability | ≤ 1 x 10 ⁻¹¹ m/s |
| MgO | 2,0 % | Water absorption (24h) | ≥ 450 % |
| Na ₂ O | 1,2 % | Swelling property (2g/100ml) | ≥ 28 ml |
| TiO ₂ | 0,8 % | Bulk density | 1,1 t/m ³ |
| K ₂ O | 0,3 % | Granulation | 0 - 10 mm |

PACKAGING

- 30 kg (paper bags on a pallet 1.000 kg, protected with plastic foil)
- 1 ton (big bags)
- In bulk (delivered by silo truck)

STORAGE AND SHELF LIFE

To be stored in original packaging in dry place.

Shelf life: 1 year.

QUALITY CONTROL

BENTOPRODUCT operates in accordance with the Integrated Management System that implies ISO 9001:2015, ISO 14001:2015 and ISO 45001:2018. Certified by TÜV.





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