

EARTHING AND GROUNDING

EARTHING BACKFILL COMPOUND

- ▶ RR Earthing Backfill Compound is used to reduce earth resistance.
- ▶ It greatly increases the earth electrode's surface area thus lowering its resistance to earth.
- ▶ It is permanent & maintenance free in its "set form".

Bag Size in Kg	Part Number
10.0	RR - EBFC - 0100
11.5	RR - EBFC - 0115
25.0	RR - EBFC - 0250



BENTONITE CLAY

- ▶ RR Bentonite Clay helps in reducing resistivity of the earth by retaining moisture.
- ▶ It has the ability to retain moisture for a considerable period of time and absorb moisture from surrounding soil.

Bag Size in Kg	Description	Part Number
25.0	Powder	RR - BCP - 0250
25.0	Granules	RR - BCG - 0250



www.banhay.com It improves conductivity of the earth electrode and ground contact area. It has the following characteristics:

It has low resistivity preferably 0.2-1.5 ohm-meters

It is a chemically inert compound and as such is non-corrosive to steel or copper, it does not attack cement structures and has a pH level within the neutral range.

It become permanent solid structure, especially when mixed with concrete and It doesn't require periodic maintenace like adding water and salts. This ensures that it continues to achieve desired earth for a longer period of time.

It is no-toxic, non reactive, non explosive and corrosive.

It is thermally stable in-between-10-degree centigrade to +60 degree centigrade ambiment temperature.

It doesn't decompose or leach out with time.

It doesn't pollute the soil or local water table and meets enviromental friendly requirement for landfill.

It expands & swells considerably and removes entrapped air to create strong connection between earth electrode and soil.

It diffuses into soil pores and creates conductive roots enlarging conductive zone of earth pit.

It is suitable for any kind of electrode and all kinds of soils of different resistivity.



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