



MARCONITE VS BENTONITE

BOTH ARE USED TO BACKFILL EARTH ELECTRODES AND BOTH LOWER THE RESISTANCE OF THE EARTH. SO, WHY CHOOSE MARCONITE OVER BENTONITE?

MARCONITE Composed of minerals and materials that enhance earthing. Strong and long-lasting. Once set, it is good for the life of the structure.

BENTONITE A cheaper, less durable earthing material which uses moisture to reduce resistance. Due to swelling and shrinkage, it needs ongoing maintenance.

PROPERTY	FACTS	CHOICE
Electrical Resistance	Marconite, when combined with cement, has a much lower resistance than Bentonite.	Marconite ✓
Chemical Resistance	Marconite is inert – non corrosive. Bentonite is corrosive and can damage electrodes.	Marconite ✓
Strength	Marconite is as strong as concrete. Bentonite is clay-like and unfit for structural use.	Marconite ✓
Shrinkage	Marconite becomes a stable solid. Bentonite can shrink and absorb water, requiring ongoing maintenance.	Marconite ✓
Cost	Marconite is a one-off solution. Lifetime costs are low. Initial savings on Bentonite have to be off-set against increased maintenance and replacement costs.	Marconite ✓

In every criteria, the choice is clear. Choose Marconite.