

Earth Electrode for Soil / Copper Bonded Steel Earth Rods

The Copper Bonded Steel Earth ROD is the most cost-effective option while still providing corrosion resistance and low electrical resistance and the steel core makes it easier to be driven into the ground.

Regulation 542.2.2 lists the types of earth electrodes recognized by BS 7671. They include earth rods, earth tapes or wires, and earth plates.

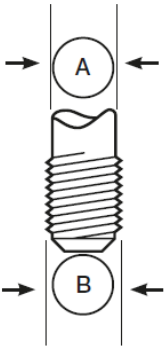


Copper Bonded Earth Rods are made using an electroplating process where a layer of Copper is deposited on a steel core. Copper Bonded products offer an advantage over Copper clad products because they are molecularly bonded with the steel core and will thus not slip or tear when they are driven into the ground.

Copper Bonded Rods are also significantly more cost effective than Solid Copper Rods while still providing corrosion resistance and low electrical resistance.

Additionally, the steel core makes these Copper Bonded Rods more favorable to be driven into the ground.

BS EN 50164-2
BS EN 7430
BS EN 50164-1



Furse copperbond earth rods probably offer to the installer the best and most economical earth rods available. They are made by molecularly bonding 99.9% pure electrolytic copper on to a low carbon steel core. **Furse rods are not of the sheathed type.** They are highly resistant to corrosion, and because the steel used has a very high tensile strength, they can be driven by power hammers to great depths.

The counter-bored couplings are made from high copper content alloy, **commercial brass is not used.** This again ensures excellent corrosion resistance and high strength.

Thus, Copper Bonded Rods provide high tensile strength using low carbon steel with molecularly bonded 99.9% pure electrolytic copper. This makes Copper Bonded Rods the most economically efficient and popular choice for Earth Rods and has more than 20 years of experience selling and installing Copper Bonded Rods to utilities and other customers. [Contact BADRY E&G to find out more about our products!](#)

Type

Usage

Copper Bonded Earth Rods

The most cost-effective option while still providing corrosion resistance and low electrical resistance and the steel core makes it easier to be driven into the ground.