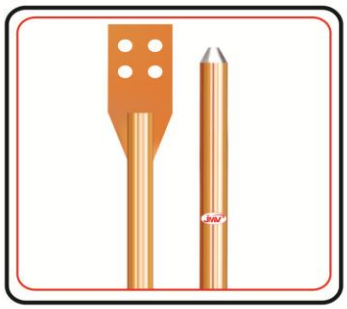
JMV

All About Electrical Safety

Tests & Approvals

Copper Bonded Grounding Rods



Copper Boned Rods are globally accepted technology for grounding needs. These rods are molecularly bonded with 99.99% pure Electrolytic Copper (CU) over a low carbon tensile steel rod with copper coating. Today, Copper Bonded Rods are highly accepted and recognized worldwide due to its better working life and acknowledge by UL, IEEE and IEC standards. The Copper Bonded Rods are also electrically and mechanically robust and reliable earthing solution & there is an increasing awareness in the electrical industry of the benefits of a low resistance; high-quality copper bonded earthing system. GI earthing is available in the market due to its low cost but its service life is quite less.

Technical Features

- Based on globally accepted technology
- Excellent electrical conductivity
- Superior corrosion resistance
- Life is 4 times more than GI earthing
- Fault current carrying capacity is more than conventional earthing system
- Product life better than conventional earthing system
- Maintenance free, cost effective solution and easy installation

JMV's Copper Bonded Rod Models

Models	Diameter (mm)	Length (mm)
CBR-1402	14.2	2000
CBR-1403	14.2	3000
CBR-1702	17.2	2000
CBR-1703	17.2	3000
CBR-2302	23.2	2000
CBR-2303	23.2	3000

***Apart from the above mentioned standard sizes we also offer customize solution and sizes**

JAM FILL- An Efficient & Eco-friendly Earth Enhancement Compound

JMV's JAM Fill Earth Enhancing Compound is developed in accordance to IEC 62561-7 which is an international standard for earth enhancing compound offering smooth and fast dissipation of fault current to the ground. It is a highly conductive material designed to lower grounding system resistance which improves grounding effectiveness in high resistivity soil conditions. It maintains the constant resistance for the life of the ground system and it's a perfect replacement for slat and charcoal in any type of earthing system. JAM FILL compound is ideal for areas with poor conductivity like rocky ground, mountain tops, sandy soil and areas of moisture variation.

Features

- It does not dissolve, decompose or leach out with time.
- Safeguards rods from early corrosion.
- It does not depend on the continuous presence of water to maintain its conductivity.
- Protects earthing rod from direct contact with soil by forming an unsolvable layer.
- Provides a good life span without any need to have scheduled or routine maintenance.

Earthing Accessories-Earth Pit Covers

JMV's Earth Pit Covers are much advanced replacement of brick paved covers as they offers hassle free installations. They can be easily installed and removed in case of need. JMV's Pit Covers are highly appreciated with its excellent dielectric properties, high mechanical strengths, chemical resistance and zero water absorption make it ideal for every electrical application.

Earth Pit Covers | Earth Enhancement Compound | Clamp and Couplers

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