



GI Plates Datasheet

Material Description:

- Material: Galvanized Iron (G.I)
- Coating: Hot-dip galvanized to prevent corrosion
- Standard: As per relevant IS/ASTM standards

Available Sizes of GI Plates:

Size (mm)	Weight (Kg)
300 x 300 x 5 mm	8
300 x 300 x 6 mm	9
600 x 600 x 5 mm	16
600 x 600 x 6 mm	17

Manufacturing Process:

- Manufactured by rolling G.I sheets to the required thickness. Hot-dip galvanization involves immersing the iron plate into molten zinc to create a protective coating.

Applications of Earthing Systems:

- **Electrical Safety**
GI plates ensure the dissipation of fault currents into the ground, protecting electrical systems, equipment, and people from electric shock or damage.



- **Industrial Installations**

Used in substations, power plants, and factories where robust earthing is required to handle large fault currents.

- **Residential & Commercial Buildings**

Provides an earthing system for lightning protection and ensures electrical safety.

- **Corrosion Resistance:** Excellent due to the galvanized coating.
- **Durability:** Long-lasting and robust for heavy-duty applications.
- **Cost-Effective:** Relatively low-cost compared to stainless steel while providing good corrosion resistance.

Quality Assurance:

- **Testing:** Each batch is tested for coating thickness, adhesion, and mechanical properties.
- **Certification:** Supplied with relevant material test certificates (MTC) as per order requirements.

Vivek Earthing Pvt. Ltd. An ISO 9001 - 2015 Certified Company

This datasheet provides detailed information about **GI Plates** in various sizes, ensuring all relevant technical and application-specific details are covered for users and installers.