MAKING INDIA™
CORROSION FREE

parco®
PIONEERS IN GALVANIZED IRON & STEEL

ABOUT US

Established in 1999, PARCO ENGINEERS (MUMBAI) PRIVATE LIMITED initially focused on iron and steel trade for infrastructure and utility projects. Over time, we partnered with other enterprises to expand into the manufacturing of Hot Dip Galvanized Iron and Steel products which include Galvanized Structures, Handrails, Cable Trays, Gratings and various Fabricated Structures.

At PARCO, customer satisfaction is our foremost priority, and quality is the foundation of our operations. We are dedicated to providing superior products, complemented by robust after-sales service to nurture long-lasting customer relationships. Our commitment goes beyond just delivering high-quality solutions — we aim to build trust, confidence and customer satisfaction with every interaction.

Our management system is aligned with globally recognized ISO 9001:2015, 14001:2015, and 45001:2018, reflecting our unwavering dedication to quality and excellence.

VISION

- Revolutionizing Steel Structures to Make India Corrosion-Free with Advanced Hot Dip Galvanized Iron & Steel Solutions.
- To be a leading provider of superior quality galvanized Iron and Steel.

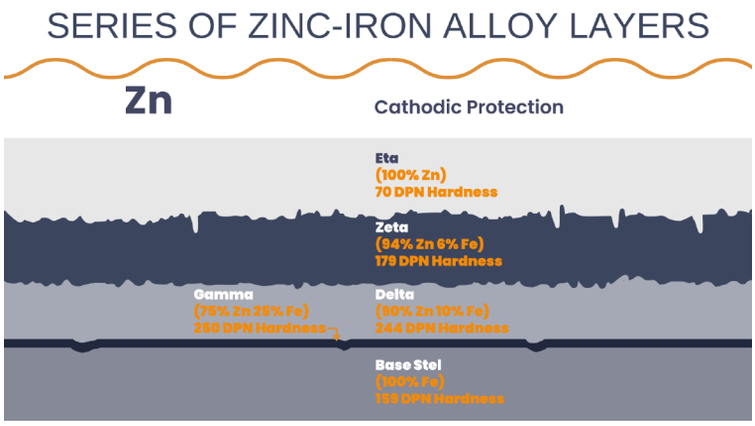
MISSION

- Prioritizing Quality and Customer Satisfaction by upholding the highest standards in manufacturing Galvanized Steel Products.
- Enhancing the lifespan of infrastructure and driving India's development with Best-In-Class Galvanizing Solutions, ensuring durability, sustainability, and unmatched quality.

SOLUTION PROVIDER FOR CORROSION ON STEEL™

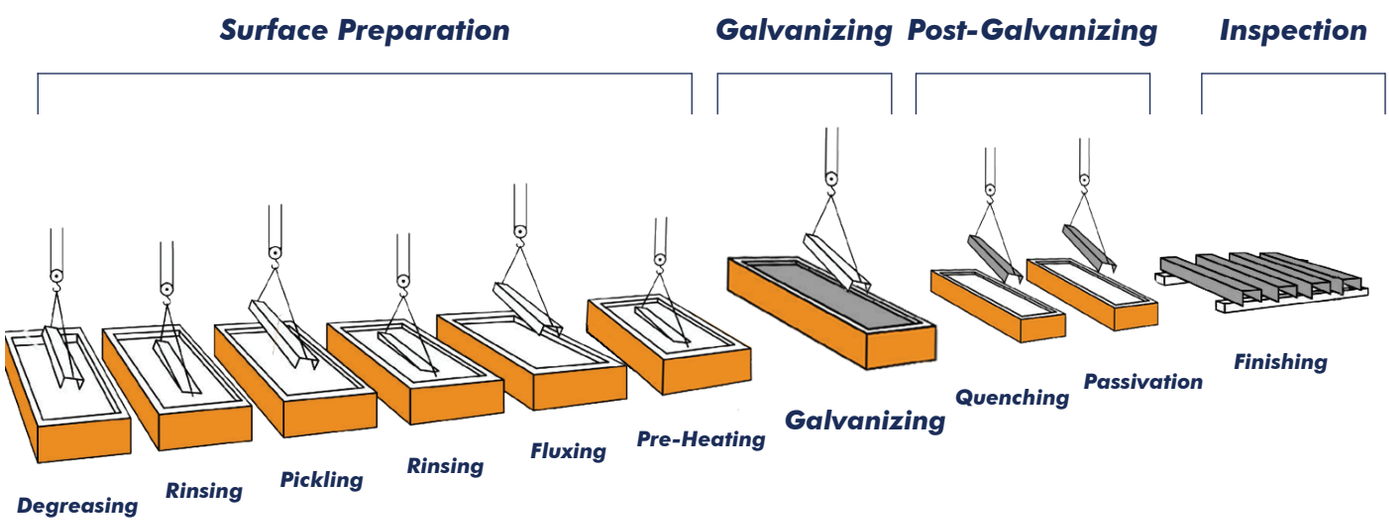
GALVANIZATION

Hot dip galvanizing is a process where steel or iron is coated with a protective layer of zinc by immersing the metal in molten zinc at around 450°C. The resulting microstructure consists of several zinc-iron alloy layers.



This include the **Gamma layer ,** which is closest to the steel and contains about 75% zinc and 25% iron; the **Delta layer,** with approximately 90% zinc and 10% iron; and the **Zeta layer,** containing around 94% zinc and 6% iron. These layers, along with **Eta layer,** 100% pure zinc outer layer, form a durable and corrosion-resistant coating, ensuring long-term protection against environmental elements.

GALVANIZING PROCESS

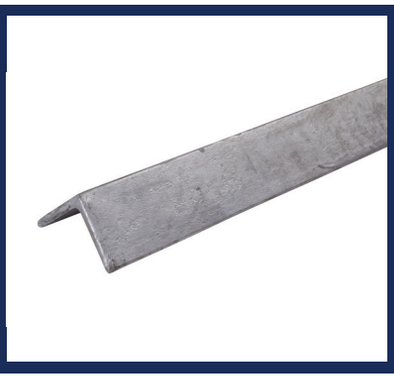


BENEFITS OF GALVANIZING

- Corrosion Resistance
- Durability & Long Life
- Cost Effective
- Complete Coverage
- Fast Application Process
- Minimal Maintenance
- Reliable & Proven Method
- Tough & Resistant to Damage
- Aesthetic Appeal
- Environmentally Friendly

PRODUCTS

ASTM A123 | BSEN ISO 1461 | IS 2629/2633/4759/6745



GI ANGLES

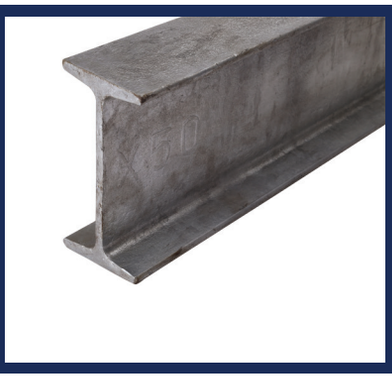
GI angles have a very wide use with Communication Towers, Railway & Highway Protection, Lamp Posts, Marine Structures, Construction Components, etc.

Specifications -
25 x 25 x 3 MM TO 150 x 150 x 16 MM

GI CHANNELS

GI channels are ideal for supporting structural loads and providing a sturdy framework in any Construction and for Infrastructure Projects such as Bridges, Switchyard Structures, Crane Runway Fixings, etc.

Specifications -
75 MM TO 400 MM



GI BEAMS

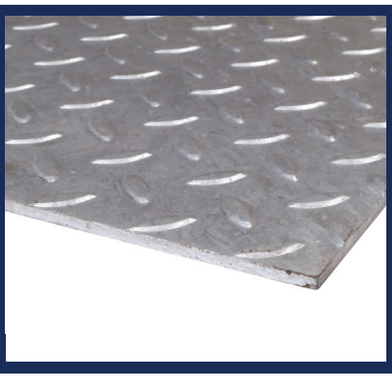
GI Beams are widely used in construction and infrastructure projects, Ship Building, Factory Sheds, Conveyors, Boilers, Agricultural Equipment, Manufacturing of Truck-Tailers, EOT Cranes and its Gantry.

Specifications -
100 MM TO 600 MM

GI BASE PLATES

GI base plates serve as foundational elements that distribute loads and stabilize structures, such as columns, posts, and equipment bases, thus conforming to the shape of foundation, typically a square or a rectangle.

Specifications -
3 MM TO 40 MM



GI CHEQUERED PLATES

GI Chequered Plates are ideal for safety applications & are commonly used in flooring, walkways, and industrial applications where a robust, slip-resistant surface is required.

Specifications -
3 MM TO 10 MM

PRODUCTS

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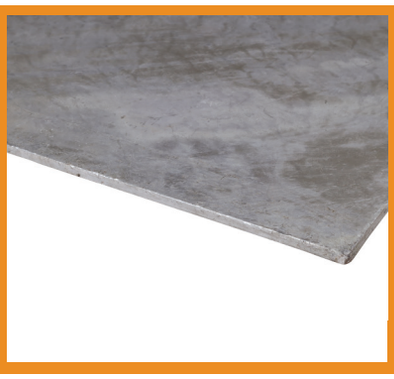
GI EARTHING FLATS

GI Flats are essential in earthing systems, offering reliable grounding, reducing earth resistance, and connecting to main earthing bars. They also play a role in lightning protection systems.

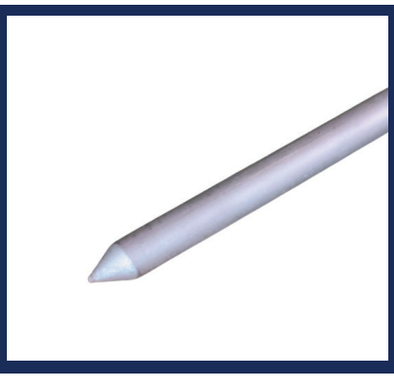
Specifications -
20 x 3 MM TO 150 X 10 MM



GI EARTHING PLATES

GI Plates are an essential component of HVAC, Electrical Appliances and various Machine parts for Earthing.

Specifications -
3 MM TO 20 MM



GI EARTHING RODS

GI Earthing Rods are used to establish a reliable electrical connection with the ground, ensuring the safe dissipation of electrical currents and protecting electrical systems from faults and lightning strikes.

Specifications -
20 MM TO 50 MM

GI ROUND BARS

GI Bars are used for structural reinforcement and manufacturing components where durability and resistance to rust are essential. Common applications include Earthing, hinges, railing systems and ground stakes.

Specifications -
10 MM TO 50 MM

GI SQUARE PIPES

GI Square Pipes are commonly used as Solar Structures, for structural support, framework, and aesthetic applications, offering both strength and resistance to rust and environmental damage.

Specifications -
40 x 40 MM TO 300 x 300 MM

PRODUCTS

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GI PERFORATED CABLE TRAYS

GI Perforated Cable Trays are commonly used in commercial, industrial, and infrastructure projects to facilitate the efficient routing & organisation of cables and protect them from damage.

Specifications -
50 MM TO 1000 MM

GI LADDER CABLE TRAYS

GI Ladder Cable Trays are commonly used in commercial, industrial, and infrastructure projects to organize and protect electrical wiring systems.

Specifications -
100 MM TO 1000 MM

GI ELECTROFORGED GRATINGS

GI Gratings feature a grid-like structure that allows for the efficient drainage of liquids and provides a non-slip surface for safe walking and movement in walkways, platforms, and industrial applications where durability and safety are essential.

Specifications -
300 MM TO 1000 MM

GI HANDRAILS

GI handrails are designed to offer safety and support in various environments, including stairways, walkways, and public spaces in order to prevent injurious falls or to hold necessities, ensuring durability and minimal maintenance.

Specifications -
35 MM TO 50 MM

GI UNISTRUT CHANNELS

GI Unistrut channels are commonly used for Solar mounting, supporting, and framing applications.

Specifications -
41 x 21 MM TO 41 x 41 MM

APPLICATIONS

BUILDING STRONG FOUNDATIONS ACROSS INDUSTRIES

Oil & Gas

Chemicals

Pharmaceuticals

Architectural

Electrical and Utility

Marine Industry
(On Shore & Off Shore)

Thermal Power Plants

Infrastructures
(Airports, Ports, Railways, etc)

Power Transmission

Renewable Energy Industry

OUR CLIENTELE

Aarti Drugs Ltd.

AARTI PHARMALABS

AARTI INDUSTRIES LIMITED

adani Navi Mumbai Navi Mumbai International Airport

Alchemie Finechem Private Limited

ANUH PHARMA LTD.

BAJAJ Electricals

BGR ENERGY

Bharat Petroleum

ELCON DINESH RATHI GROUP OF COMPANIES

Godrej | GODREJ & BOYCE

HP

Jio WORLD CENTRE

LARSEN & TOUBRO

LODHA BUILDING A BETTER LIFE

MAZAGON DOCK SHIPBUILDERS LIMITED

MICL REAL ESTATE

Mody Chemi Pharma Ltd.

Mumbai Metro

NAVAYUGA

NUPPL JOINT VENTURE OF NLC INDIA LTD. & UP RAJYA VIDYUT UTPADAN NIGAM LTD

Reliance Industries Limited

SRF

TATA TATA POWER

Valiant Organics Limited

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