



An ISO 9001 Certified Company



An ISO 9001 Certified Company

Head Office:

044 – 4266 5510
MKK Metal Sections Pvt Ltd,
3rd Floor, FAGUN MANSION,
74, Ethiraj Salai, Egmore,
Chennai 600008, TN.

Manufacturing Main Unit:

04172-298030, 40, 50
Plot No. M 1, SIPCOT
Phase III, Mukundrayapuram,
Ranipet – 632405, TN.

Manufacturing Unit 1:

04172 – 290040
Plot No. S 99 to S 108, SIPCOT,
Phase III, Mukundrayapuram,
Ranipet – 632405, TN.

mkkmetsec@mkkmetal.in | metpro@mkkmetal.in | www.mkkmetal.in
+91-9840942571 | +91-9840338049 | +91-8072572065 | +91-8754464929

MKK Metal Sections Pvt. Ltd.

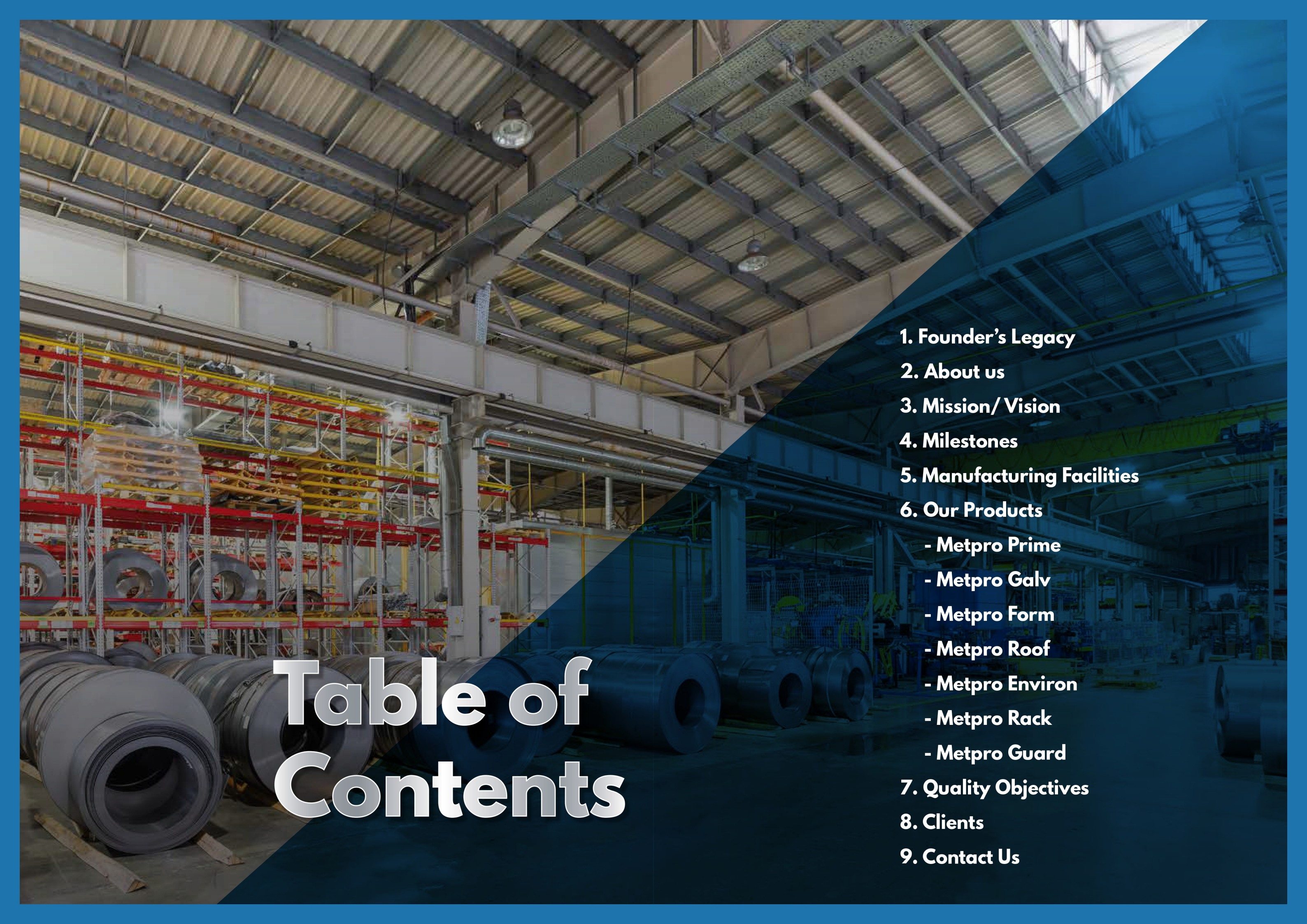


Table of Contents

1. Founder's Legacy
2. About us
3. Mission/ Vision
4. Milestones
5. Manufacturing Facilities
6. Our Products
 - Metpro Prime
 - Metpro Galv
 - Metpro Form
 - Metpro Roof
 - Metpro Environ
 - Metpro Rack
 - Metpro Guard
7. Quality Objectives
8. Clients
9. Contact Us



**‘Work so hard, that luck has no option but to favour you’
-Shri. Maheshji Khandelwal**

Born on December 22nd 1952, in the heart of the country, Gwalior, Late Shri. Mahesh Kumar Khandelwalji. stepped into the Iron & Steel Industry with his own trading firm in 1981, in Chennai.


From then on, his vision led him to become a major player in the pipe and tube industry. By the early 2000's, he had his heart set on building a steel plant that could constantly add value to the industry, he made sure all mills were built with avant grand technology and his workers were always well taken care of. His efforts along with his keen business sense propelled the company to grow five fold. At the Ranipet factory in Tamil Nadu, one can see the plans he created for the steel company he had dreamt of and pursued for years.

But above all, he was known for his philanthropy and dream to educate India. Through various organisations he supported education for the under-privileged, built schools to promote girls education in remote villages and also contributed in making sheds for gaushalas.

Maheshji was consumed with the passion to play a critical role in India's Make-In-India campaign and make the country's presence stronger on the global front. He laid the foundation of a galvanising plant, planned for bigger mills for ERW pipes, top of the line roll forming and a very strong infrastructural base for exports. Sadly, not all of these were materialised while he lived, but the seeds he laid, the work he did and the force of will he displayed, only push us harder in taking his inestimable legacy forward.

Founder's Legacy

About us



MKK Metal Sections Pvt. Ltd., was setup in 2008 by Late Mr. Mahesh Khandelwal for production of high quality ERW Pipes and Tubes. With his strategic planning, meticulous financial management, focus and vast industry experience spanning over three decades, MKK has since only flourished.

With an annual production capacity of 2.5 lakh metric tons and a product range spanning over a thousand varieties of Circular, Square, Rectangular and Octagonal MS Black Pipe & Hollow Sections, Galvanized tubes and structures, Solar Module Mounting Structures, Shutters, Purlins, Color Coated Roofing Sheets, and various other cold roll formed sections, MKK is the largest steel product manufacturer in South India. In keeping up with the times and having a consistent eye for growth, we now also specialize in Warehouse Racking Systems.

Moving ahead, MKK has set up a new state-of-the-art integrated plant which will specialize in Hot Dip Galvanizing of pipes and Structures. It can galvanize structures which are upto 12meter in length and will increase our capacity by 60000 tons per annum. Our focus is to continually improve customer satisfaction by providing all services in-house.

MKK has always measured its growth in line with the value addition it has been able to provide its customers with. This value addition has been possible because of its fully integrated, ISO 9001:2015 awarded manufacturing facility. R&D initiatives are constantly on at our workshops to enable us to lead the market with our value-added products that meet the evolving needs of a wider range of evolving automobile, construction, lifting and excavation and such industries.

Today our brand, METPRO is synonymous with commitment, innovation backed with a never-say-no attitude, trust and without a doubt, quality. Being the trusted suppliers of L&T, Ashok Leyland, Siemens Gamesa, Mahindra Susten, TATA Power Solar, Bharat Heavy Electricals Ltd., Adani Group and such, our quality speaks for itself. From Airports, Railway Stations, Malls, Metros, Solar Plants, Industrial and Residential Complexes, MKK has silently been a part of the country's biggest infrastructure projects.

Why us



The only most extensively used material which is completely reusable and recyclable in the world is STEEL. Steel has continued to evolve, becoming smarter and sustainable – MKK is an epitome of the same. With R&D at the heart of our operations, we are continuously trying to evolve and trying to scale newer heights.

MKK is recognized all over for its contribution in high composition grade, high tensile, value-added products. Any size, any customization – MKK is always ready to rise to the challenge.

With about 500 employees, we are not a company; we are a community striving for excellence at every step. Our clients trust us with the most stringent specifications – whether they are looking for precise tube diameters, high surface quality or optimum tube straightness – MKK will always have them covered.

Amongst our many strengths, our extremely dedicated and experienced team overshadow all our assets. With experiences spanning over decades at the helm of every department, problem-solving and constant R&D is inevitable.

Raw material is purchased only from the top primary steel manufacturer ensuring quality right from the start. Further, MKK has one of the best Quality Testing Facilities that include the most advanced and modernized laboratory machines that enable chemical and physical properties testing of raw materials, in-process goods as well as finished goods. Tests such as eddy-current testing that enable detection and characterisation of surface and sub-surface flaws, hydro-testing that enables detection of any leakages are some of the tests that are regularly carried on our plant.

Every finished good that is packed for dispatch is so carefully monitored that it can be tracked back to its raw material as well as to the mill of origin. We strengthen the confidence of our clients by allowing any reputed inspection agency of their choice to test a METPRO stamped product.



Mission & Vision

MISSION

To continuously strive, excel and guarantee value addition in terms of quality, customization and service of our products while being sustainable and environmentally conscious.

VISION

To play a pivotal role in building a strong infrastructural backbone for India while continuously building a community of strongly knit partners both within and outside the company.

Milestones

- 2008** - Commissioning of 5 tube mills at SIPCOT, Ranipet - capacity: 1 Lakh MT/ annum
- 2010** - Acquired new identity with registered brand name - METPRO.
- 2010** - Received ISO 9001:2000 certification
- 2014** - Capacity ramped up to 1.5 lakh MT/ Annum
- 2015** - Keeping up changing times, started production of Solar Mounting Structures Fixed and rotary.
- 2018** - Three wider width mills commissioned - Capacity ramped up to 2.5 lakh MT/ annum. Pioneer in R&D, developed the octagonal pipe.
- 2019** - First in South India to manufacture tube sizes of CHS upto 406.4 mm OD, SHS 300mm x 300mm and RHS 400mm x 200mm.
- 2020** - Constant R&D enabled production of Warehouse Racking Systems, Cantilevers and Crash Barriers for highways.
- 2021** - Expanding horizons, Commissioned a new Hot Dip Galvanized Plant for galvanizing tubes and structures.
- 2021** - Booked our first container for direct export to the US for Warehouse Racking Systems.



**Building Trust,
Delivering Value**

METPRO PRIME

Introduction

MKK is one of the largest manufacturers of Electrical Resistance Welded (ERW) circular, rectangular and square hollow sections. We specialise in high tensile, high grade pipes and tubes using only the best of raw materials. Our huge range of ERW pipes can be found in industrial and construction industries, bus bodies and automobile industries, excavation and lifting industries, scaffolding and fencing sites, and most importantly in all infrastructural projects – from airports to metros, MKK's ERW pipes are strengthening the nation. All of this is because of our unmatched properties such as cost-effectiveness, high corrosion resistance, concentric strength, and strength to weight ratio which result in savings of up to 25%.

Sizes

1. Circular: 12.7mm OD to 406.4 mm OD
2. Rectangular: 26mm x 13mm to 400 mm x 200mm
3. Square: 15mm x 15mm to 300mm x 300mm
4. Wall thickness: 0.7mm to 12mm

Attributes

1. High tensile, high grade ERW pipes and tubes.
2. Customisation in terms of length, beveled end and fin cut along with online eddy-current, and offline chemical and mechanical properties check, hydro-testing, UT, RT (on demand)
3. Specialised tubes of grades matching from YST-170, YST-210, YST-240, YST-310, YST-355, YST-400 YST-450 and to YST- 530.
4. Every METPRO stamped pipe conforms to various Bureau of Indian Standards as per IS: 4923, IS:1161, IS:1239, IS:3589, IS:3601, IS:9295 and IS: 4270

Applications

1. Architectural like in shopping mall, staircases and canopies.
2. Industrial sheds, trusses, columns, power plants, pipelines, etc.
3. Infra Structural like airport terminal buildings, bridges, train stations, etc.
4. General Engineering like automobile chassis, furniture scaffolding, etc.

METPRO GALV

Introduction

MKK has set up a 9 mtr semi-automatic galvanisation plant in Ranipet, Tamil Nādu. Galvanisation is the process of applying a protective zinc coating to steel or iron in order to prevent premature rust or corrosion. The corrosion of zinc is very slow which gives it an extended life while it protects the base metal which results in a low cost long-term.

Sizes

1. Circular: 15NB to 400NB
2. RHS & SHS: As per customer requirement
3. Wall thickness: 0.7mm to 12mm
4. Structures as per requirement

Attributes

1. Conforms to IS 1239, 1160 and 3601.
2. Highly efficient against corrosion
3. Crack resistant and sturdy
4. Uniformity test, stripping test, adhesion test, coating thickness, surface thickness.
5. Coating thickness 65µm - 150µm
6. Very high strength-to-weight ratio

Applications

1. Household Structural Application in Coastal Regions
2. Structural applications (Solar power plant & wind mills)
3. Plumbing and Agricultural (Water & irrigation transport)
4. Greenhouse Structures
5. Electric poles
6. Automotive tubes

METPRO FORM

Introduction

One of the first product lines, MKK Forming still continues to thrive. From shutters, C-Purlins, Z-Purlins, Door Frames, Guide Channels and Bottom Plates to Solar Mounting Structures, Hat Sections, Hand Railings, Warehouse Racking Systems and Solar Pumps, MKK's forming arm has only grown leaps and bounds including various other products such as roofing sheets and window reinforcements.

Sizes

1. Z Purlin - Base Range 40mm-300mm ; Flange Height 40mm - 80mm; Lip Size 10mm - 25mm.
2. C Purlin - Base, Flange Height and Lip as per customer requirement.
3. Door Frame - width in multiples of 30mm, thickness 0.4mm -2.5mm.
4. Shutter Patti, Bottom Plate & Window Reinforcement as per customer requirement.

Attributes

1. Sections provided with painted, powder-coated, galvanised or polyurethane-coated surface finish depending on customer's requirements.
2. Optimum sections to meet exacting design specifications: no over-design possible
3. Sections are maintenance-free owing to application of proper surface finish

Applications

1. Building components and infrastructure
2. Automobile profiles
3. Electrostatic precipitator.
4. Pre engineered building structures.

METPRO ROOF

Introduction

METPRO Roof is a unique building material developed to provide scientific solutions for roof and wall cladding of industrial and commercial buildings. With custom anti-capillary groove, we ensure leak-proof-age and resistance to extreme weather.

Sizes

1. 55% aluminium zinc alloy colour coated steel sheets
2. Coil thickness ranging from 0.25mm- 1.50mm
3. Yield strength 240 to 345MPa.
4. Crimping and Ridging as per request

Attributes

1. Conform to IS8910-1978, IS513-1994 with zinc coating as per IS 277- 1992 .
2. Wide range of colours that include shades of white, green, red, blue.
3. Enhanced corrosion resistance
4. Aesthetic appeal of paint.

Applications

1. Industries and warehouses
2. Airports and railways
3. Agriculture products storage building and equipment
4. Power plant sectors like aviation and military etc.

METPRO ENVIRON

Introduction

With its ENVIRON range of products, METPRO is trying to do its part in maintaining a cleaner and greener Earth. MKK offers precisely designed and developed solar mounting structures available in custom made specifications with in-house galvanising.

Sizes

1. C Section (as per customization)
2. Square Section (as per customization)
3. Top Hat (as per customization)
4. Hat Section (as per customization)

Attributes

1. Punching, slotting and notching as per customers requirement.
2. Pre-galvanised coil of 275/550GSM, Galvalume & Posmac.
3. Shading Ratio 2.25:1 and 2.75:
4. Modular Tilt Angle - 5 , 10 and 12 degree available

Applications

1. Industrial Sheds
2. Car Parkings
3. Building Roofs.



METPRO RACK

Introduction

Amongst the many parts that go into setting up a racking system, MKK has successfully captured the market with its wide range of upright and beam sections used for warehouse racking structures. METPRO RACK is continuously being exported to Sri Lanka, Canada, USA and Australia.

Sizes

1. Upright 32 and 33.
2. Step Beam - 3", 3.5", 4", 4.5", 5" and 6"
3. Bracing - Lip Channel as per requirement.
4. Wire Mesh, Steel Deck and Safety clip.

Attributes

1. We provide a wide range of upright and beam sections based on the warehouse design and applications.
2. High adaptability to material strength and size.
3. Already approved world over ensuring the best in quality and strength.
4. A well-made racking system helps in stock maintenance and rotation.

Applications

1. Third Party Logistics
2. Online Delivery Platforms
3. Pharmaceuticals
4. Defence and Agriculture
5. Engineering and Automobile

The logo for METPRO GUARD features the word 'METPRO' in a smaller, white, sans-serif font above the word 'GUARD' in a larger, bold, white, sans-serif font. A stylized white graphic of a 'W' beam barrier is integrated into the letter 'A' of 'GUARD'.

METPRO GUARD

Introduction

"W" beam barriers prevent a vehicle from skidding back by controlled exit angles by gradual deacceleration and effective redirection of the vehicle back onto the road. Our tested and proven barriers ensure minimum damage to the vehicle and its occupants.

Sizes

1. Cold roll formed in thickness 3mm/ 2.8mm/ 2.67mm
2. Over all length 4318mm /3318mm as per customized drawing.
3. Effective length: 4000mm/ 3000mm

Attributes

1. Raw materials conforming to IS 5986/2062/10748 or equivalent of grade Fe360/ Fe410/ Fe510
2. Hot dip galvanized to 550 gsm/sq.m or 610 gsm/sq.m.

Applications

1. Protection barriers for hilly terrains and ghat roads
2. As race car crash guards
3. As fencing borders for country borderlines, water bodies & signposts
4. As retraining barriers on expressways and highways.



State-of-the-art manufacturing facility

2 Manufacturing Units | 32 Production Lines | 0.25MT Annual Capacity

15+
Years

1100+
Products

500+
Workforce

800+
Customers

Clients

adani

amp[∞]

 **ASHOK LEYLAND**
Aapki Jeet. Hamari Jeet.


TATA

 **PARK LAYER**

STERLING & WILSON




BGR
ENERGY


BHEL

 **BULL**

 **GAMECHANGE SOLAR**
REPOWERING THE PLANET

 **SCHWING**
Stetter


INDIA


JCB


JCBL
MOVING THE NATION

 **L&T Construction**
Buildings & Factories

 **ULTRA**
CORPOTECH PVT. LTD.
ENGINEERING & ENERGY SOLUTIONS

 **UNIMACTS**


WHEELS INDIA LIMITED



Our Production Team

Delivering excellence since 2002

USA
Canada
South America

UK
Spain
Germany

UAE
Malaysia
Australia

Sri Lanka
Bangladesh

