



# Roofing Solutions

World Class Metal Roofing Systems



A silhouette of a construction worker wearing a hard hat and safety harness, working on a complex metal roof structure. The worker is positioned on the left side of the frame, leaning over the roof. The background is a clear, light-colored sky.

# Roofing Solutions

MPIL Roofing Solutions is a business unit of the MPIL Group, focusing on design, manufacture and supply of metal building components such as profiled color-coated zinc-aluminum sheets, steel decks, channels and purlins as well as accessories such as ridges, gutters, down-take pipes, doors, windows and skylight sheets. MPIL Roofing Solutions has a zero-accident rate as it adheres to highest standards for safety and has successfully commissioned over 50,00,000 square meters of roofing and cladding across India.





# Awards & Honors

# 2011

**BEST SME IN MANUFACTURING BY  
BUSINESS TODAY  
YES BANK SME ANNUAL AWARDS**

**BEST GREEN SME AWARD BY  
BUSINESS TODAY  
YES BANK SME ANNUAL AWARDS**

**GREEN MANUFACTURING EXCELLENCE AWARDS  
FROST & SULLIVAN**

# 2012

**IGBC GREEN FACTORY BUILDING  
LEED GOLD**

**SME EXCELLENCE AWARD**  
**SME CHAMBER OF INDIA**

# 2013

## TOP 5 ENGINEERING COMPANIES OF INDIA ET NOW AND INDIAMART LEADERS OF TOMORROW

# Certificates & Accreditations



**JINDAL  
STEEL & POWER**



**ZUARI CEMENT  
ITALCEMENTI GROUP**



**MPIL STEEL STRUCTURES LTD.**



**GUJARAT AMBUJA  
EXPORTS LTD.**



**ARIHANT STEEL  
CORPORATION**



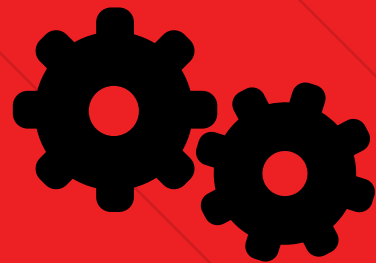
## IGBC GREEN FACTORY BUILDING

# Turnkey Solutions



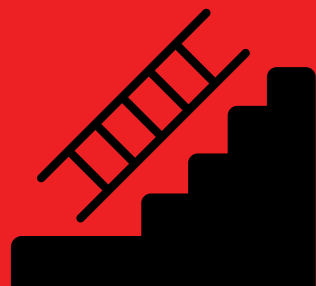
## Design & Detailing

- Bill of Material calculation
- 2-D & 3-D layouts and proposal drawings
- Complex roof geometries and innovative ZA designs
- Purlins, sag rod, brace rod detailing
- Technical consultation
- CAD support



## Manufacturing

AT MRS, we use primary, high quality, pre-painted or bare galvanized and zinc-aluminium coils. We carry stock of minimum 1000 tons in our plant of standard colors (Brick Red, Light or Sky Blue, Off White or Cream, and Environment Green) such that we can dispatch within 48 hours of order confirmation.



## Installation

Installation, laying and fixing of sheets is just as important as using good quality material. Roofing and cladding installation is an extremely technical and skill-based job and which contractor you choose can complete determine the outcome of your project. MRS prides itself in its installation and fixing expertise.

# Roof Repair, Replacement & Renovation

## Before

Zuari Italcementi Ltd,  
(Yerraguntla and Sitapuram Works)

**Scope** Removal of  
Asbestos Sheets up  
to height of 70 mtrs.



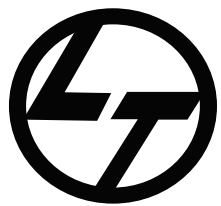
## After

Zuari Italcementi Ltd,  
(Yerraguntla and Sitapuram Works)

**Scope** Supply and  
Installation of color  
coated Galvalume  
Sheets



# Prestigious Clients



Arihant Steel  
Corporation



# Projects







Viraj Profiles Ltd.



Apar Industries



Jindal Steel & Power Ltd, Angul



Kamal Motors, Vasai



Jhaveri Flexo, Silvassa



Shrota Enterprises  
(ESSEL Group), Sarigam



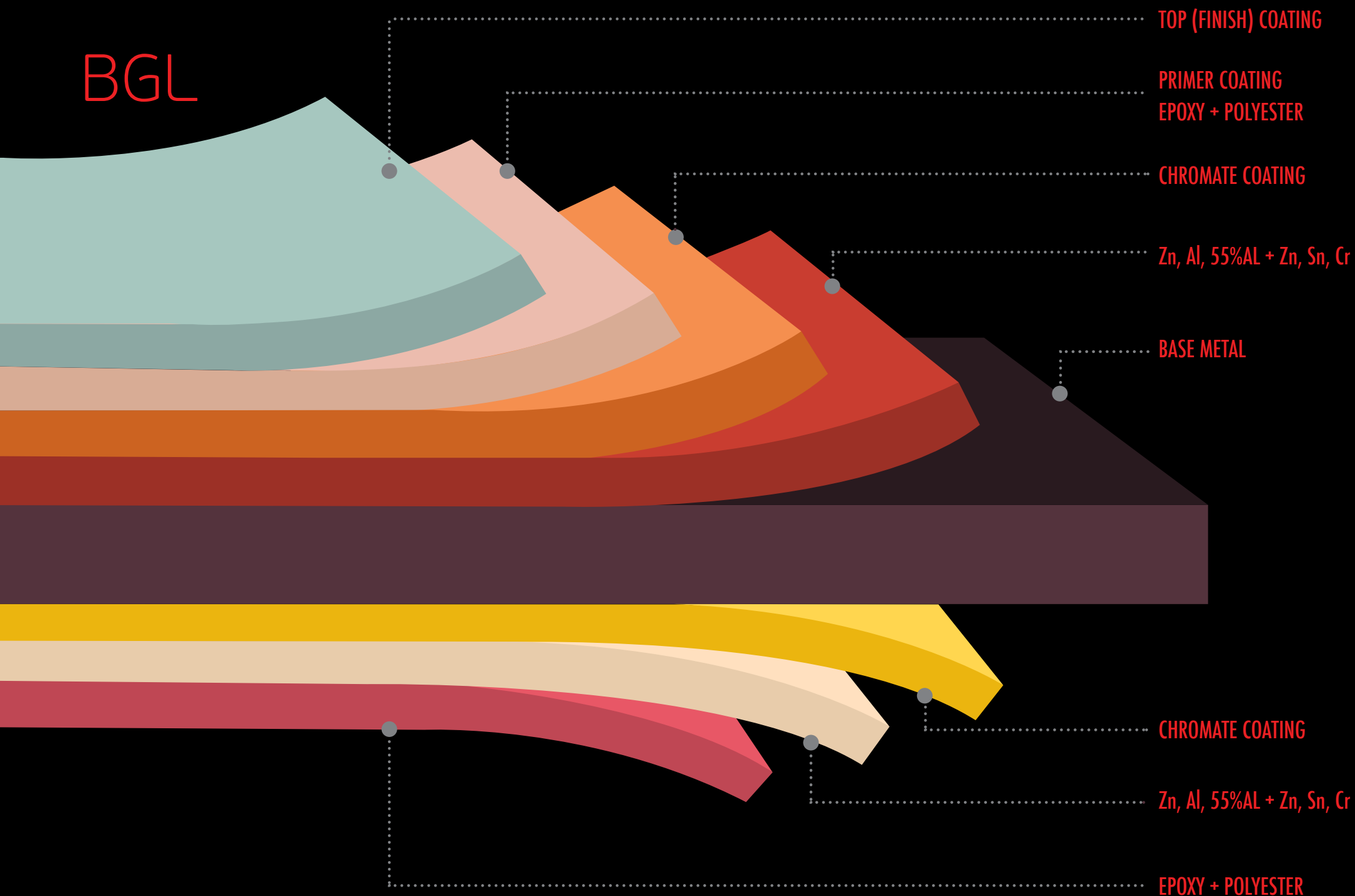
JSW Severfield Ltd.



Apar Industries, Silvassa

# Colour Coated Coils

BGL



## Raw Material

### REGULAR MODIFIED POLYESTER (RMP)

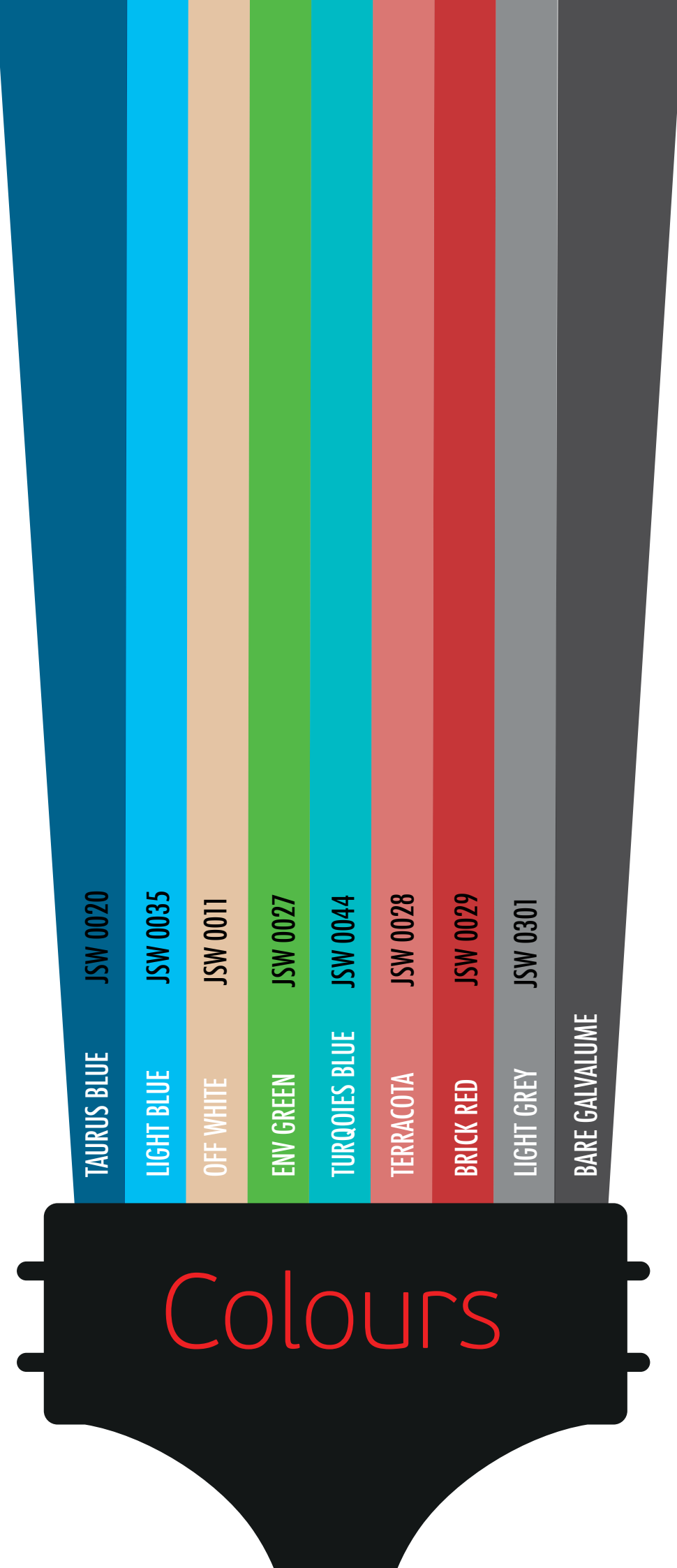
- Pre-painted steel covered with polyester paint material baked on its surface.
- Formability, Durability and Weather resistance are normally good.

### SILICON MODIFIED POLYESTER (SMP)

- Pre-painted steel coated and baked with paint containing silicon resin.
- Excellent weather resistance compared with Regular polyester.

### P.V.D.F.

- Painted and baked steel sheets with symmetric structure P.V.D.F. which contains fluoride, an inert element.
- High weather resistance and chemical resistance obtained through outstanding molecular bond strength of poly vinylidene fluoride.
- High-quality pre-painted special steel



# Salient Features



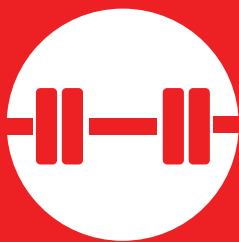
ATTRACTIVE COLOURS  
& FLEXIBLE DESIGNS



VERY LOW  
MAINTENANCE



HIGH STRENGTH  
TO WEIGHT RATIO



MINIMUM YIELD STRENGTH  
OF 550 MPa ENSURES



WITHSTAND  
WIND SPEED



STRONG DURABLE  
& TOTAL SAFETY



ENVIRONMENT  
FRIENDLY & FIRE PROOF



LEAK PROOF & RESISTANCE TO  
EXTREMITIES OF WEATHER



HIGHER WATER  
DRAINAGE



EXCELLENT  
CORROSION RESISTANCE



ACCURATE  
THICKNESS

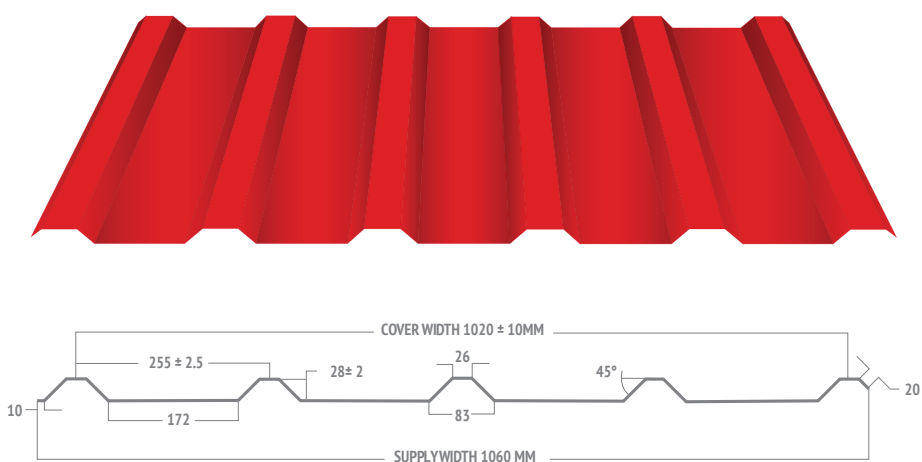


EXCELLENT COVERAGE  
OF SPACE

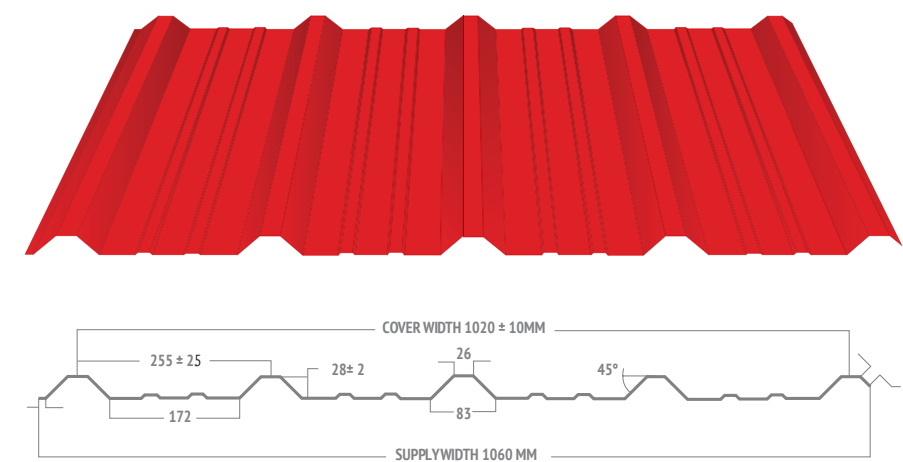


# Roofing

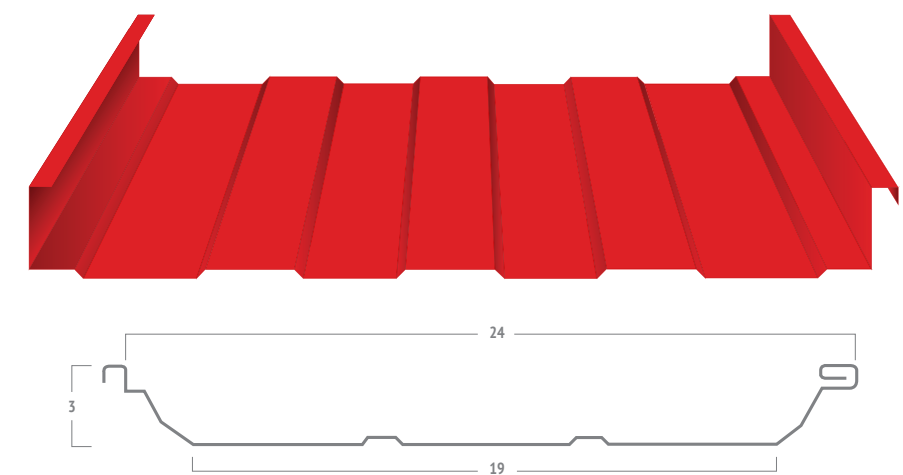
MP - 980  
PROFILED SHEET



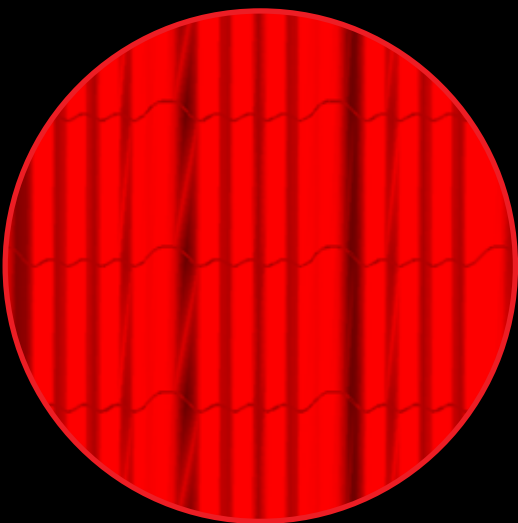
MP - 1020  
PROFILED SHEET



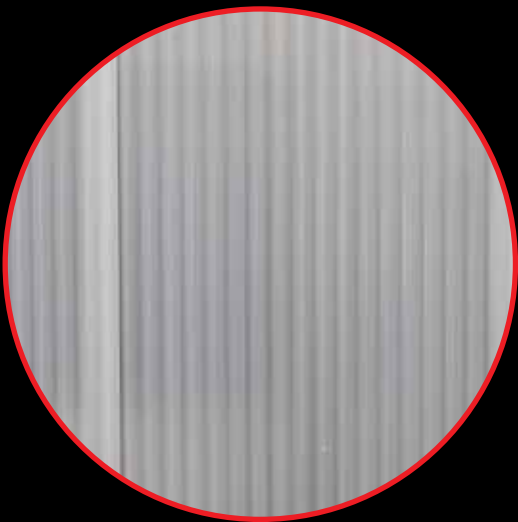
MP - 470  
STANDING SEAM



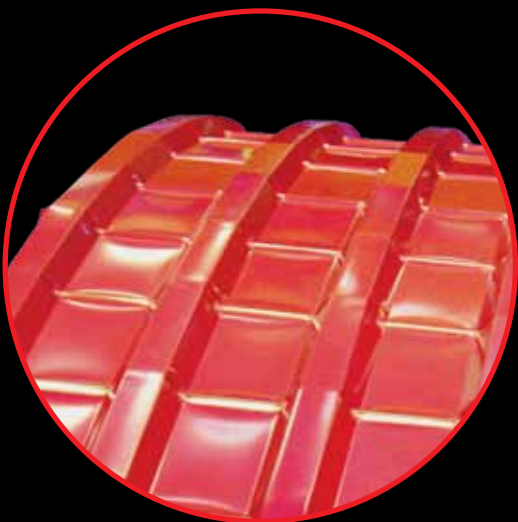
MANGALORE TILE



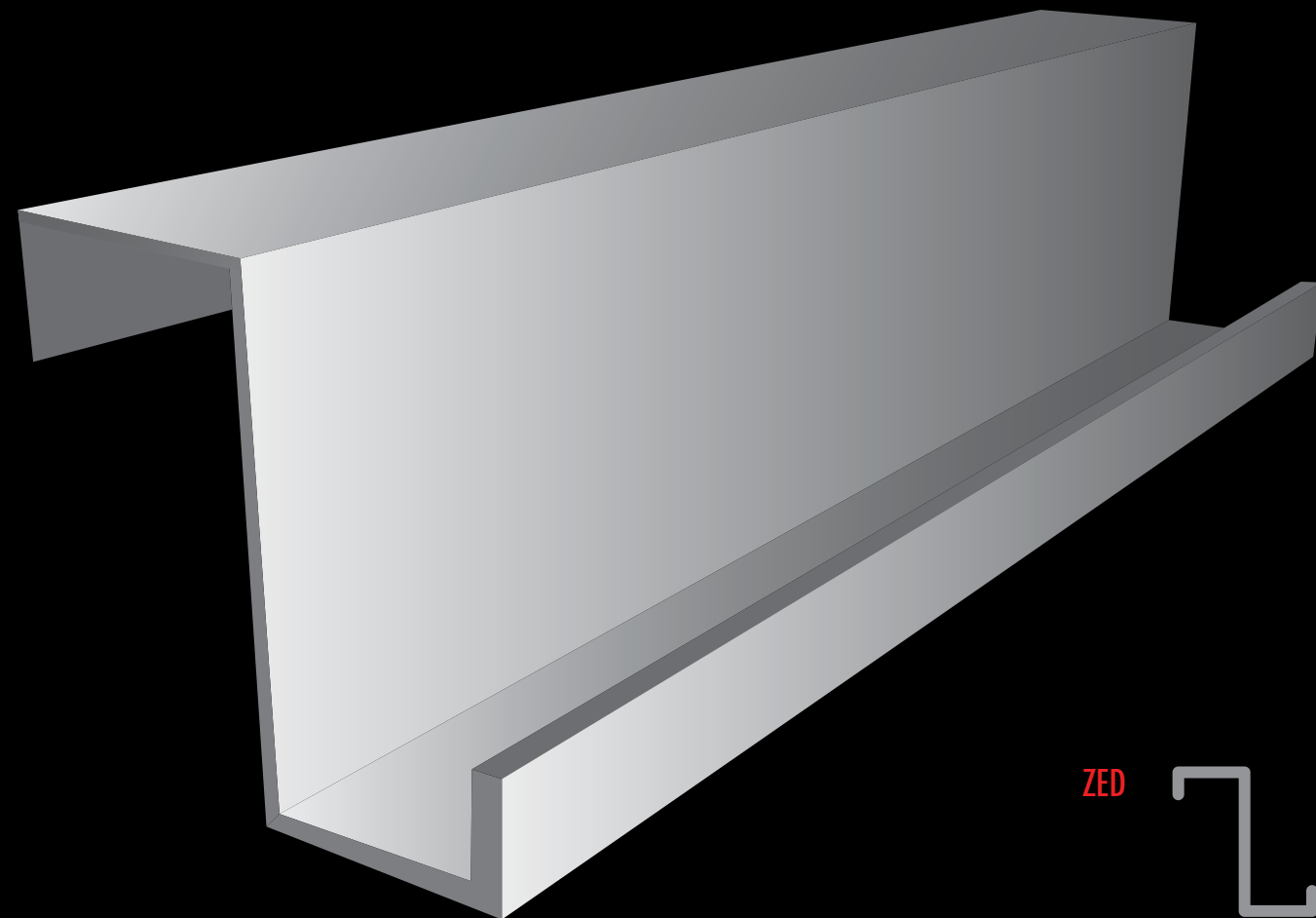
SKYLIGHT PROFILES



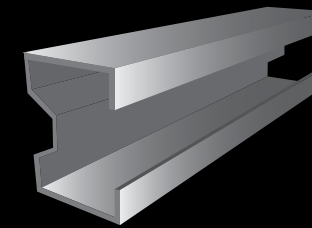
MP CURVE



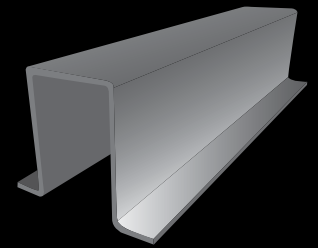
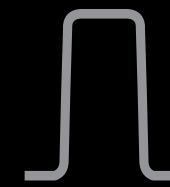
# Purlins and Channels



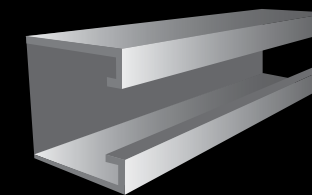
SIGMA



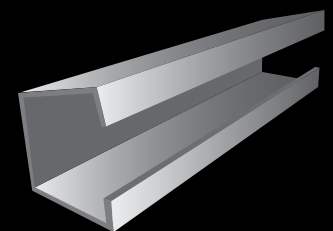
OMEGA



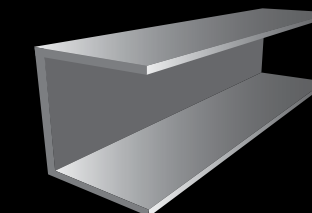
CEE



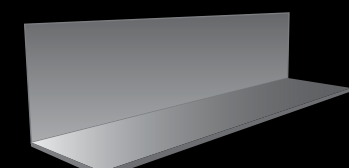
TYPE OF CEE



TYPE OF CEE



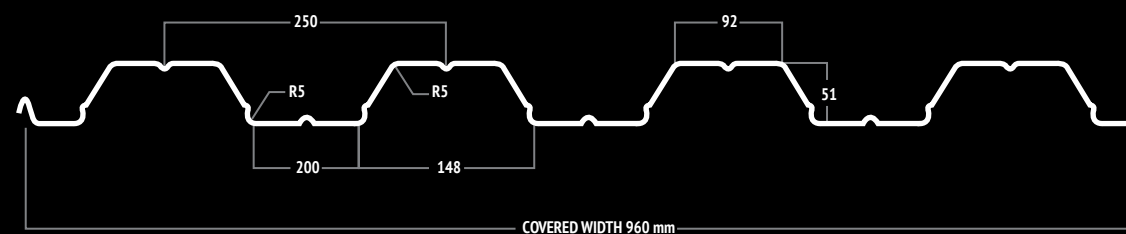
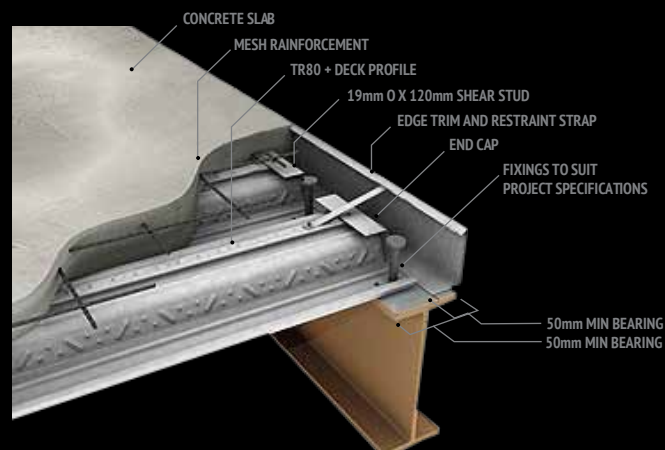
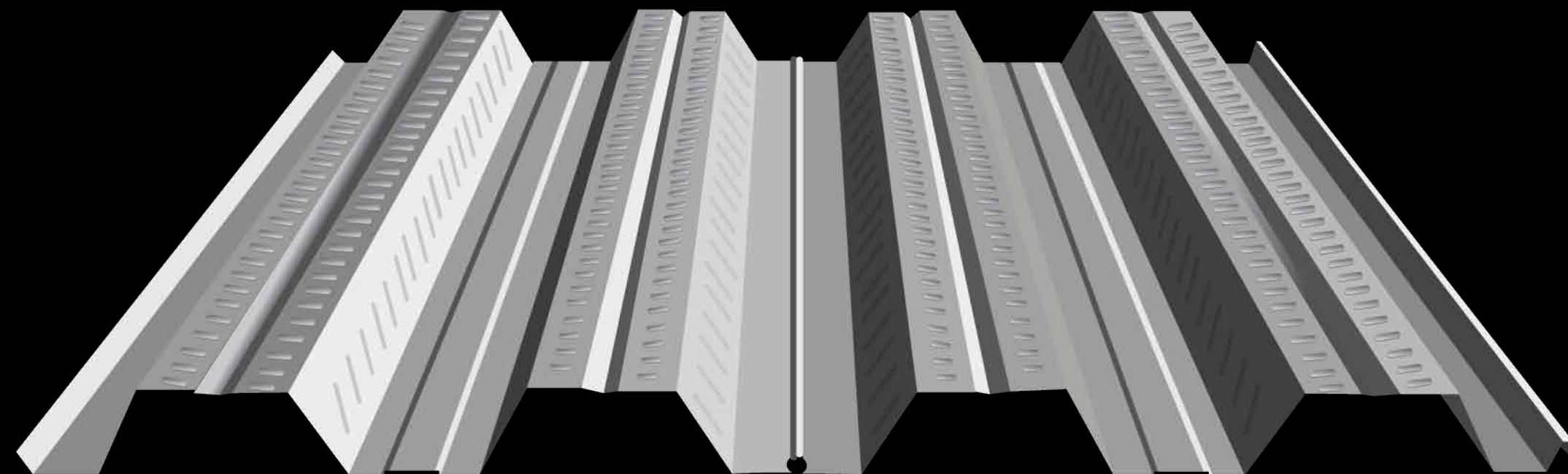
L ANGLE



## Features

- MPIL has multiple roll forming, bending, off line and online punching stations. We make 2000 MT of purlins every month
- We provide C, Z, Sigma purlins in HR, CR, pre galvanized GP up to 550 GSM
- Specifically for Module Mounting Solutions for Solar Power Plants MPIL can also provide Hot Dip Galvanization of purlins up to 80 microns
- To meet varied market needs we make purlins from 1.2mm to 4mm with no dimensional limitations
- Our clients included Reliance Industries Ltd, L&T, Mahindra EPC, Vikram Solar, Simplex Infrastructure Ltd and Nuevosol

# Steel Decks



## Advantages

- Light Weight- reduces weight of concrete floor by almost 50%
- Economical- does not require additional support; reduces use of concrete; reduces slab thickness; savings in reinforcement steel
- Time Saving- easy and rapid installation; no major reinforcement required
- Multi-faceted- flooring, roofing or cladding, temporary or permanent shuttering, working platform during construction
- Multi-use-widely used in multiple-storey buildings, shopping malls, super markets, storage facilities, mezzanines, bridges, walkways, platforms, ware houses, industrial sheds, control rooms
- Aesthetic appeal-offers internal polished look; available in every of colors; no need for internal plastering of roofs
- MP- Steel decks are available in 51 mm, 60 mm, 76 mm and 80 mm depths
- For a detailed deck installation guide please log onto: [www.metalroofing.in](http://www.metalroofing.in)



# Module Mounting Systems

MPIL Solar Solutions (MSS) is engaged in manufacture of solar panel mounting structures for mega-watt level farms across India.

MSS can provide cold formed profiles and fabricated module mounting structures as per client drawings, BOQ, and QAP. We can provide these structures with pre-galvanized cold rolled steel as per IS:277 ranging from 350 to 550 GSM and hot dip galvanized structures post fabrication as per IS standards.

MSS brings its expertise in manufacturing and commissioning of PEB to ensure that all structure components go through rigorous checks for dimensional control, welding, finishing, and galvanizing as per IS standards. Rather than focusing on single component dispatches we focus on supplying modular sets. This quality control and execution process has further helped our clients in a faster installation at site.

## About Us

Since 2001, MPIL has emerged as a leading manufacturer of complex steel structures, pre-engineered metal buildings, and fabricated solar panel mounting systems. The MPIL Group has diversified interests in steel, infrastructure, renewable energy, and logistics.

MPIL's steel structures provide the steelwork for Mumbai International Airport, the Sahara Star Hotel and Conventional Center, over 50MW of solar and thermal power plants and for India's largest clear-span dual plane hanger. MPIL has LEED Gold certificate manufacturing facilities in Maharashtra and Karnataka, aggregate production capacity of 50,000 tons per year and a team of 850 engineers.

MPIL is dedicated to improving resource and energy efficiency in construction.



www.mpil.in

Turnkey Metal Roofing Solutions

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