



**Dazzling colours,  
superior durability,  
from a quality leader.**



**LATIM**

**COLOUR COATED STEEL**

*Majbooti aur rango ka sangam*





LATIM is a supplier of long standing in steel coils and sheets, with a reputation of reliable product among trade and end-customers. It has launched a state-of-the-art range of galvalume / galvanized pre-painted steel coils manufactured at its advanced Colour Coating Plant in Umbergaon, Gujarat in Western India.

LATIM offers the following advantages:

- ☑ Widest Range
- ☑ Speedier Delivery
- ☑ Exceptional Corrosion Resistance
- ☑ Optimum Product Life

To any end customer, the things that matter the most are the aesthetic impact of the product, the colour availability, and the long service life of the product. With LATIM, they can experience the threefold advantages of pre-painted steel viz. aesthetic appeal, variety of colours and durability with corrosion resistance.

Customers do not have to wait for delivery anymore. LATIM offers a wide range of coils in various thicknesses and specifications. It has established itself as a quality leader with the exceptional finish and dazzle of its colour coated steel coils. Uniform in colour, gloss and texture with excellent paint adhesion, they are produced on high technology coil coating line under stringent quality controls.

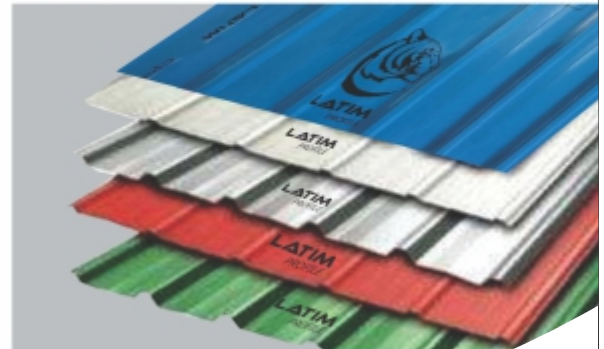
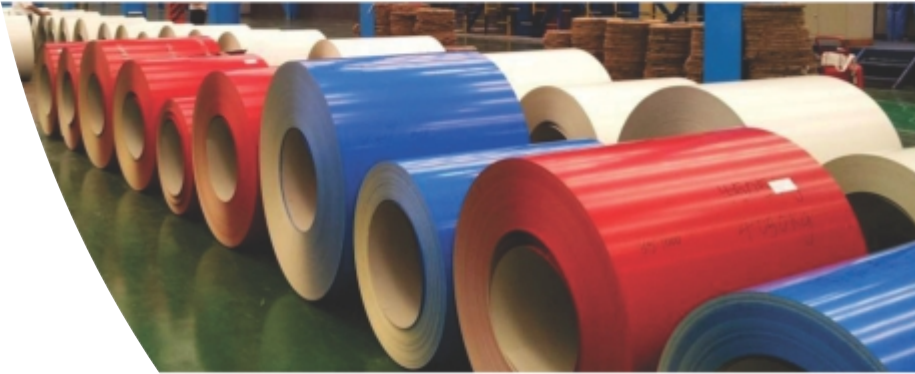
To ensure superior product performance for our customers, LATIM Colour Coated Coils undergo several tests – hardness, heat resistance, flexibility and bending, chemical resistance, impact, MEK solution, salt solution etc.

Product versatility:

- Structurally strong yet light in weight
- Appealing colour range where surface doesn't flake or peel
- High resistance to corrosion
- Ease of installation and zero maintenance

Besides their common use as roofing, cladding, false ceiling, LATIM colour coated steel coils are extensively used in several sectors - automotive fabrication, industrial infrastructure, warehousing, retail spaces, white goods, electrical, construction, and furniture.





## PERFORMANCE TESTING

Scratch Hardness (T / B)	1.5 - 2 / 1 - 1.5 Kg
Impact Test (in Joules) (thickness based soft material)	As per standard
Salt Spray Test (specific to coating type)	750 - 1000 hrs.
Adhesion Test (cross-hatch)	100%
Erichsen Cupping Test	As per standard
Humidity Test	750 - 1000 hrs.
T-Bend Test (T=substrate thickness)	2T for soft, 4T for hard (no tape loss)
Water Boiling Test	As per standard
Solvent Rub Test (MEK-double rub)	100 DR for non-metallic, 80DR metallic
Chemical Resistance	As per standard
Max. Operating Temp	Up to 140* C



PRODUCT SPECIFICATIONS

COIL FORM	PPGL / PPGI
Thickness (mm)	0.16 - 1.00
Coil ID (mm)	508
Width (mm)	750 - 1450
Coil Weight (t)	2 - 6 mt
Substrate	Al-Zinc Alloy Steel / Galvanized
Al-Zinc Alloy Steel (gsm)	AZ 40 - 100
Zinc (gsm)	Z 40 / Z 120
Characteristics Primer (micron)	3μ to 7μ (max) Subject to Substrate & Coating Type
Top Coating ( μ )	10 - 25
Back Coating ( μ )	3 - 10
Hardness (HRB)	55 - 65 HRB Soft CQ, 85 HRB and above Hard
Guard Film - Optional (microns)	30 - 40μ

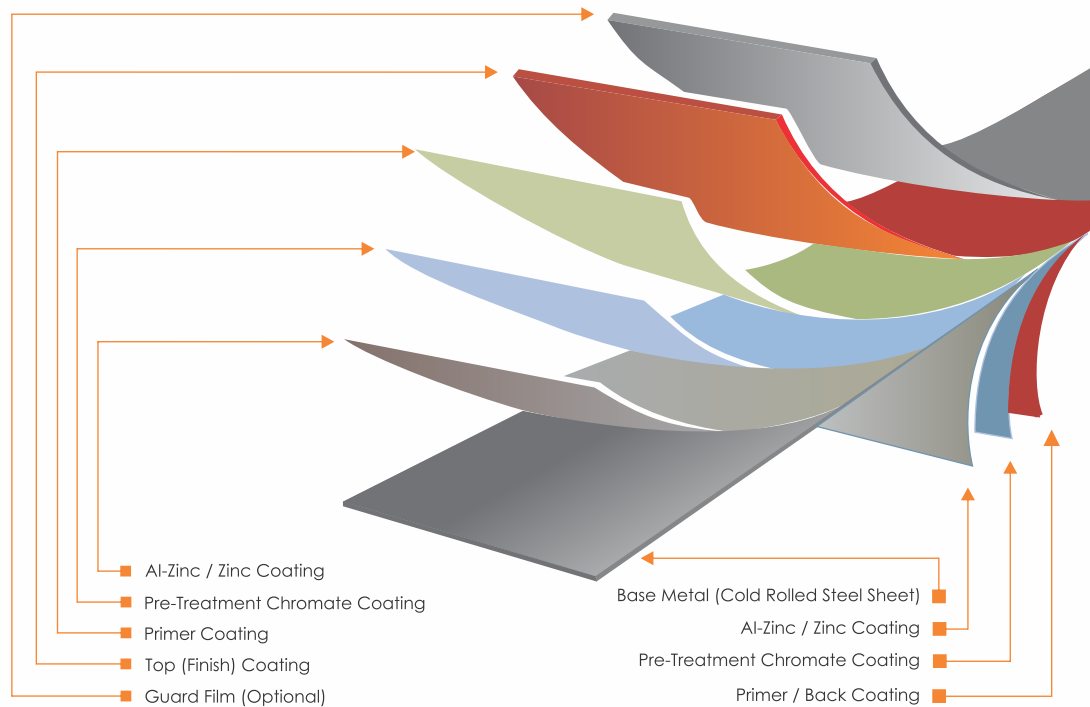
PAINT SPECIFICATIONS

Paint System* Primers	Epoxy, PU Polyester / Universal Top Coat Regular Modified Polyester (RMP / SMP / PVDF / SDP)
Backer Coat	Epoxy, Polyester & PU
Colour	As per RAL code / Customer's Requirement
Gloss	Matt 35% (+/- 8%)
Gloss	Semi Gloss 60% (+/- 10%), High Gloss > 70%

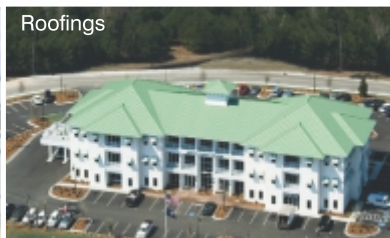
PAINT PROPERTIES COMPARISON

Properties	SUPER / HIGH Durable Polyester	RMP	SMP	PVDF	PVC
Flexibility	Good	Fair	Poor	Good	Excellent
UV Resistance	Good	Fair	Fair	Excellent	Good
Gloss Retention	Excellent	Good	Good	Poor	Fair
Chalking Resistance	Good	Fair	Fair	Excellent	Fair
Costs	Marginal	Lowest	High	Very High	High
Durability Years	10	8	10	15	
SST Hrs.	1000	750	750	1000	1000

## ADVANCED PAINT TECHNOLOGY



Claddings



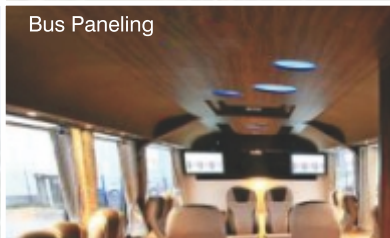
Roofings



Crimping



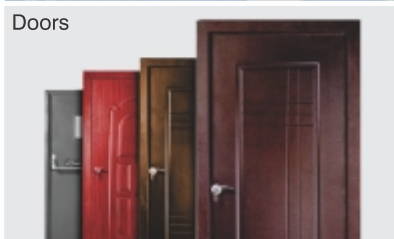
Warehouse



Bus Paneling



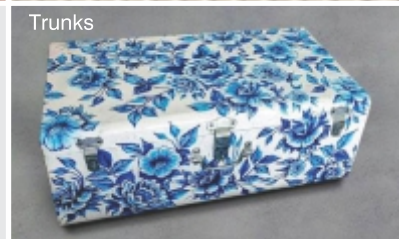
Wall Panels



Doors



Furnitures



Trunks

LATIM's high quality coloured / pre-painted galvanized / galvalume steel coils can be used for various Applications - Roofings, Claddings, Crimping, Warehouse, Cold Storage, Furnitures, False Ceilings, Shutter Doors, Vehicle Bodies, Decorative Container & Trunks, etc.

**Ideal for Interior and Exterior Applications.**

- Coloured / pre-painted sheet in various profiles available (against specific orders)
- Available in various thickness, sizes and colours

## STANDARD COLOUR RANGE



RAL 5012 Light Blue



RAL 5005 Royal Blue



RAL 5015 Sea Blue



RAL 5018 Turquoise Blue



Taurus Blue



RAL 6005 Moss Green



RAL 6010 Grass Green



RAL 6011 Reseda Green



RAL 6016 Turquoise Green



Reliance Green



Brick Red



Seco Red



RAL 8016 Mahogany Brown



RAL 2010 Signal Orange



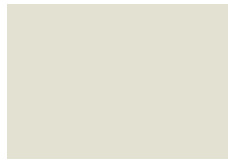
RAL 1018 Zinc Yellow



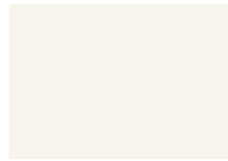
RAL 1001 Beige



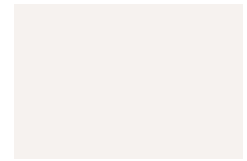
RAL 7015 Slate Grey



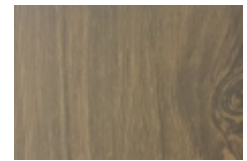
RAL 9002 Grey White



RAL 9010 Pure White



RAL 9003 Signal White



Colours may vary from the shades shown above.



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