



LATIM

SPECTRUM OF POSSIBILITIES

Where Trending Style
Meets Brilliance of Steel.



LATIM
Trendy Patterns
DESIGN COATED STEEL

COMPANY INTRODUCTION

WELCOME TO THE WORLD OF LA TIM GROUP.

The group is built on a foundation of trust, transparency and a commitment to excellence.

The LA TIM Group was established in 1986 and has today grown into many business verticals, giving our partners many opportunities to soar with us.

From Steel to Hospitality and Realty, LA TIM Group brings varied experiences and opportunities to its customers.

We call it a spectrum of possibilities.

LATIM STEEL

Since decades, LA TIM Metal & Industries Ltd. has established itself as a known name in the steel industry. With the goal to be a leading provider of high-quality coated steel products, we consistently exceed our customer's expectations through continuous innovation, exceptional service and sustainable practices.

With a **vision** to go beyond, to explore innovations to cater to the needs of the growing infrastructure of the country by developing new products thereby creating multiple possibilities for our customers.

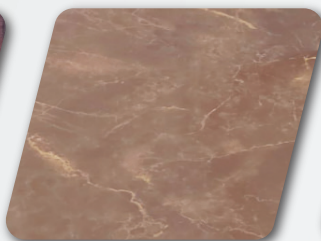
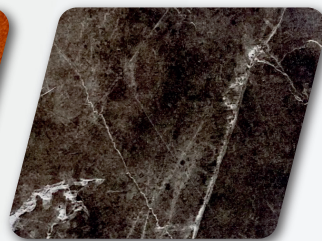
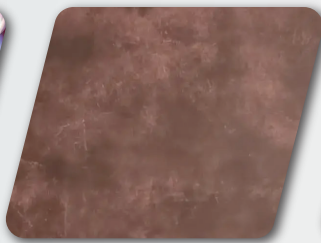
We are committed to enhancing the durability, aesthetics and performance of steel through advanced coating technologies, while maintaining a strong focus on customer satisfaction, employee well-being and environmental stewardship.

By delivering superior solutions, we aim to contribute to the success and growth of our customers, employees and communities, while consistently creating value for our stakeholders.

DESIGN COATED STEEL

A blend of trendy and designer patterns with the sheer brilliance of steel. These are available in wide range of designs and patterns like Wood, Marble, Stone, Tile and Floral Design in various shades and textures for applications in Decorative Trunks, Furniture, Doors and Chaukhats, Interior False Ceiling Baffles, Louvres and Wall Panels, including Sandwich Panels and Exterior Roofing, Siding, Cladding, Gates, Fencing, Interior Panel of Buses and Trains. This product is corrosion resistant and has good processing flexibility. They are highly recommended by the architects and interior designers as well as contractors to enhance the beauty of any application. These designer products are used as an alternative to Wood, Marble, Stone, Plastics (like WPC, PVC/Vinyl etc.), as well as Aluminium. Besides, these are fire resistant. This low maintenance material is 100% recyclable and good for the environment.

VARIED RANGE OF DESIGN



PERFORMANCE TESTING

Scratch Hardness (T/B)	1.5-2 / 1-1.5Kg
Impact Test (in Joules) (thickness based soft material)	As per Standard
Salt Spray Test (specific to coating type)	500-1500 hrs with cross hatch
Erichsen Cupping Test	As per standard
Humidity Test	750-2000 Hrs
T- Bend Test (T= substrate thickness)	Top Coat = 2T & BackCoat = 4T for soft / semihard material. 0T for special requirements
Water Boling Test	As per Standard
Solvent Rub Test (MEK-double rub)	100 DR for non-metallic, 80 DR metallic
Cross Hatch Test	100/100
Max Operating Temp	Up to 140 *C

PRODUCT SPECIFICATIONS

FG	PPGI/PPGL/PPGA/PPEG/PPAL/PPCR
Thickness (mm)	0.16-1.20mm
Coil ID (mm)	508 mm
Width (mm)	750-1300 mm
Coil Weight (t)	2-7 mt
Substrate	GI/GL/GA/EG/AL/CRFH/CRCA
Primer (micron)	3-12 Subject to substrate & coating type
Top Coating (micron)	10-25
Back Coating (micron)	5-15
Hardness (HRB)	55-65 Soft CQ, 85 and above Hard
Guard Film - Operational (microns)	30-40u

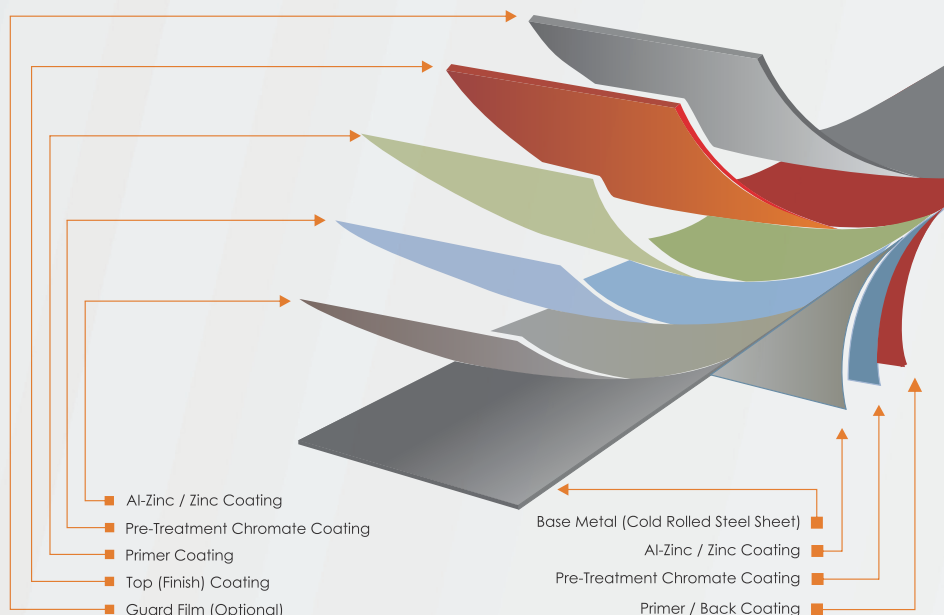
PAINT SPECIFICATIONS

Primers	Epoxy; PU; Polyester; PVDF, ROHS compliant
Top Coat	Epoxy; PU; Polyester: Regular Modified (RMP)/ Silicon Modified (SMP)/ Super Durable (SDP); PVDF; ROHS Compliant
Back Coat	Epoxy; PU; Polyester; ROHS Compliant
Colour	As per RAL code / Customers Requirement
Gloss @60 degree	Matt -> 30-45% Gloss-> 55-75% High Gloss -> 75% Textures -5-20% Metallic -> Metallic finish

PAINT PROPERTIES COMPARISON

Properties	RMP	SMP	SUPER / HIGH Durable Polyester	PVDF
Flexibility	Fair	Poor	Good	Good
UV Resistance	Fair	Fair	Good	Excellent
Gloss Retention	Good	Good	Excellent	Poor
Chalking Resistance	Fair	Fair	Good	Excellent
Costs	Lowest	High	Marginal	Very High
Durability Years (under neutral conditions)	5-8	7-8	10	15
SST Hrs.	500-750	750	1000	1000-1500

ADVANCED PAINT TECHNOLOGY



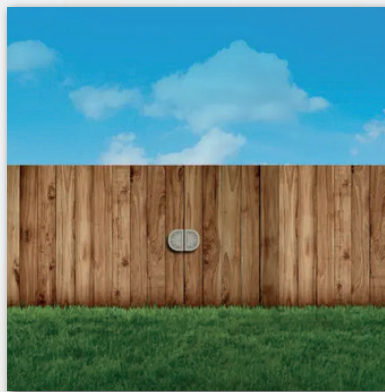
LATIM'S HIGH QUALITY COLOURED / PRE-PAINTED GALVANIZED / GALVALUME STEEL COILS CAN BE USED FOR VARIOUS

DESIGN COATED STEEL APPLICATIONS

Furniture



Gates



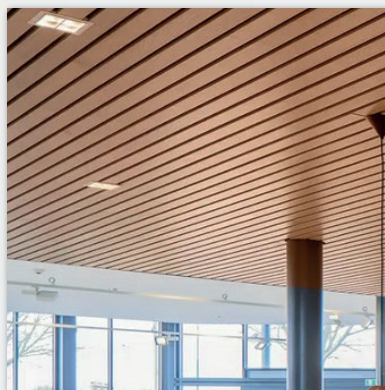
Fencing



Tile Roofing



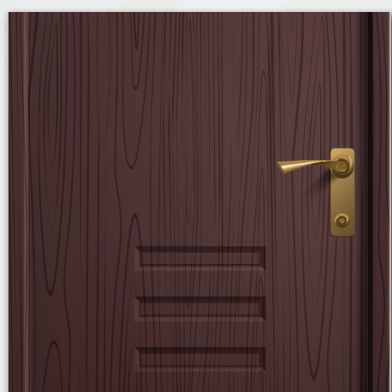
Ceiling Baffles



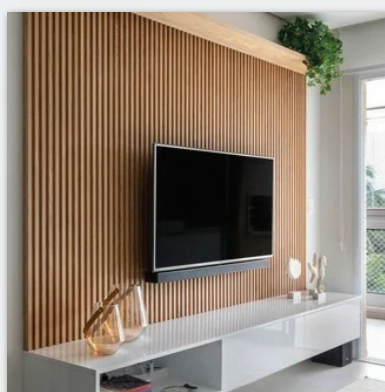
Partitions



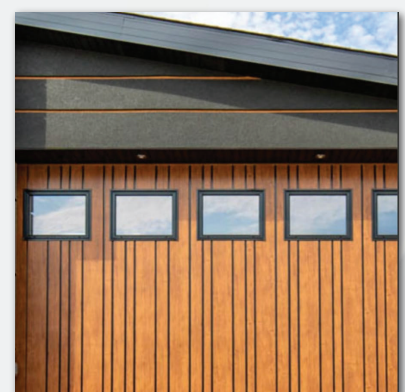
Door



Louver and Panel



External Cladding



Ideal for Interior and Exterior Applications.

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



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