



Built for Brilliance



PRISMA®

AZ150 Pre-painted Steel

Tata BlueScope Steel's PRISMA® - a 55% Al-Zn alloy pre-painted steel is all set to transform structures into fascinating works of art. Manufactured at Tata Steel's Meramandali and Khopoli plants, this innovative pre-painted steel boasts of better sheen that enhances its visual appeal while offering exceptional scratch resistance for long-lasting durability.



PRISMA® promises innovative, durable, and aesthetically appealing solutions for modern infrastructure and is poised to support sustainable urbanization and infrastructural and industrial growth.

As a trusted industry leader, Tata BlueScope Steel carries an unwavering commitment to Quality and Excellence. With rigorous testing and strict quality control measures, further assures superior performance. An environmentally friendly choice, PRISMA® minimizes impact through sustainable processes and recyclable materials, contributing to a greener future.



Suited for Industries, Warehouses, Commercial & Institutional steel buildings

Standard Colour Range

Offering an array of vivid colors and finishes that empower architects and designers to bring forward the boldest visions to life, PRISMA® enables bold contrasts that make a statement.



Cloud White (RAL 9002)



Brick Red



Mist Green (RAL 6011)



Leaf Green (RAL 6002)



Light Blue (RAL 5021)



Royal Blue



Graphite Grey (RAL 7024)



Light Grey (Standard Back Coat)

Colour shades are only for reference, actual shade may vary. Please connect with nearest Tata Bluescope Steel office for guidance.

The PRISMA® Advantages



Enhanced Beauty

With vibrant appearance due to its added reflective finish, PRISMA® is visually appealing for architectural and design applications, giving your structure an edge with its modern, classy finish.



Improved Corrosion Resistance

PRISMA® is a system with protective layers that enhance resistance to corrosion, oxidation, and weathering, extending the lifespan of your application and maintaining its appearance.



Excellent Scratch Resistance

PRISMA® scratch-resistant coating minimizes damage, enhancing durability and protecting aesthetics for improved cost-efficiency and lasting performance. It reduces maintenance and repair needs, preserves the roof's structural and visual integrity, and provides long-term sustainability benefits.



High Strength

PRISMA® is a specially engineered steel grade perfect for roofing and wall cladding applications, offering exceptional strength tailored for the building and construction sector.



Enhanced Comfort

With better reflectivity built in its paint system, roofing made from PRISMA® reduces overall energy consumption especially in warm climates, making environmentally conscious choice for sustainable building design.



PRISMA®, the vibrant fusion of steel, color, and creativity by Tata BlueScope Steel. Redefining architectural expression, it offers a vibrant palette inspired by nature and urban landscapes:

Specifications

Complying Standards	Steel Substrate - IS15961, Pre-painted steel - IS15965	Back Side Colour	Light Grey
Thickness (BMT)	0.32mm to 1.1mm	Coil Weight/Coil	5t Maximum
Width	900-1250mm	Packaging	Bore Horizontal /Vertical
Grade	G300-G550MPa	Branding (UP) Interval	Inkjet branding at interval
Metallic Coating Class	AZ150 (min 150 g/m ² total on both sides)	Foam Adhesion Property	On request
Colours	Available in standard colours	Telescopicity	50mm Maximum
Exterior Side Paint Coating	Nominal 25µm DFT (Primer + Finish coat)	COIL ID	508mm
Back Side Paint Coating	Nominal 10µm DFT (Primer + Reverse coat)	Coil Winding	Staggered
		Camber (on 2500mm length)	5mm Maximum
		Steepness Ratio	1.2% Maximum

Range of Product Performance

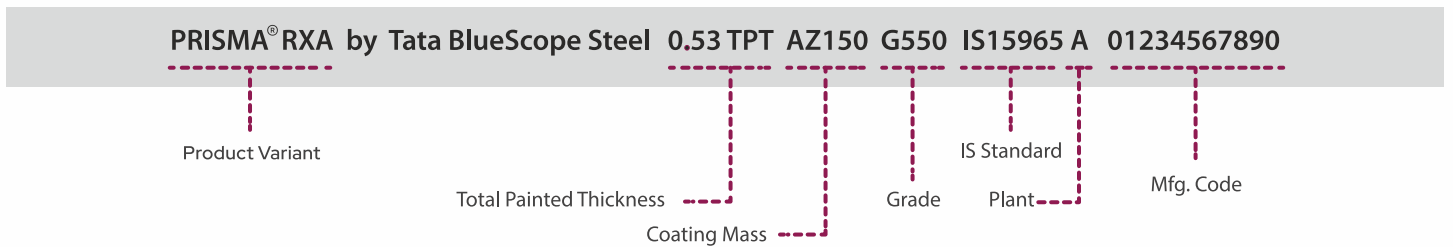
	PRISMA® RXA*	PRISMA® SXA*	PRISMA® DXA*
Metallic Coating	AZ150	AZ150	AZ150
Topcoat Paint Type	Regular Modified Polyester	Silicon Modified Polyester	Super Durable Polyester
Pencil Hardness (HB minimum)	HB	HB	HB
Reverse Impact Adhesion	10J	10J	10J
T-Bend Adhesion (4T)	No tape loss	No tape loss	No tape loss
Gloss @ 60°	60% GU	60% GU	60% GU
MEK Double Rub	100DR	100DR	100DR
Resistance to Corrosion Salt Spary Test (ASTM B117)	750 hrs.	1000 hrs.	1000 hrs.
QUV Resistance to Color Fading	750 hrs.	1000 hrs.	1000 hrs.
Resistance to Humidity	500 hrs	750 hrs.	1000 hrs.
Scratch Resistance	>3 kg	≥ 3 kg	≥ 3 kg

Note: Please contact Tata Bluescope Steel representative for more information.

Mark of Genuineness

PRISMA® is supplied with brand mark at regular intervals on back side.

This ensures steel procured from authentic sources.



Marketed by:

Tata BlueScope Steel Pvt. Ltd.
CIN: U45209PN2005PTC020270
Floor no. 9 & 10, Kalpataru Infinia, Wakdewadi,
Final Plot no. 21, Sub plot no. 3 at CTS no. 15/1
Shivajinagar, Pune - 411003, India.
Tel: +91 2066218000 | Website: www.tatabluescopesteel.com

Note:

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Manufactured at:

Tata Steel Limited
Khopoli Maharashtra

Tata Steel Limited
Meramandali, Odisha



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