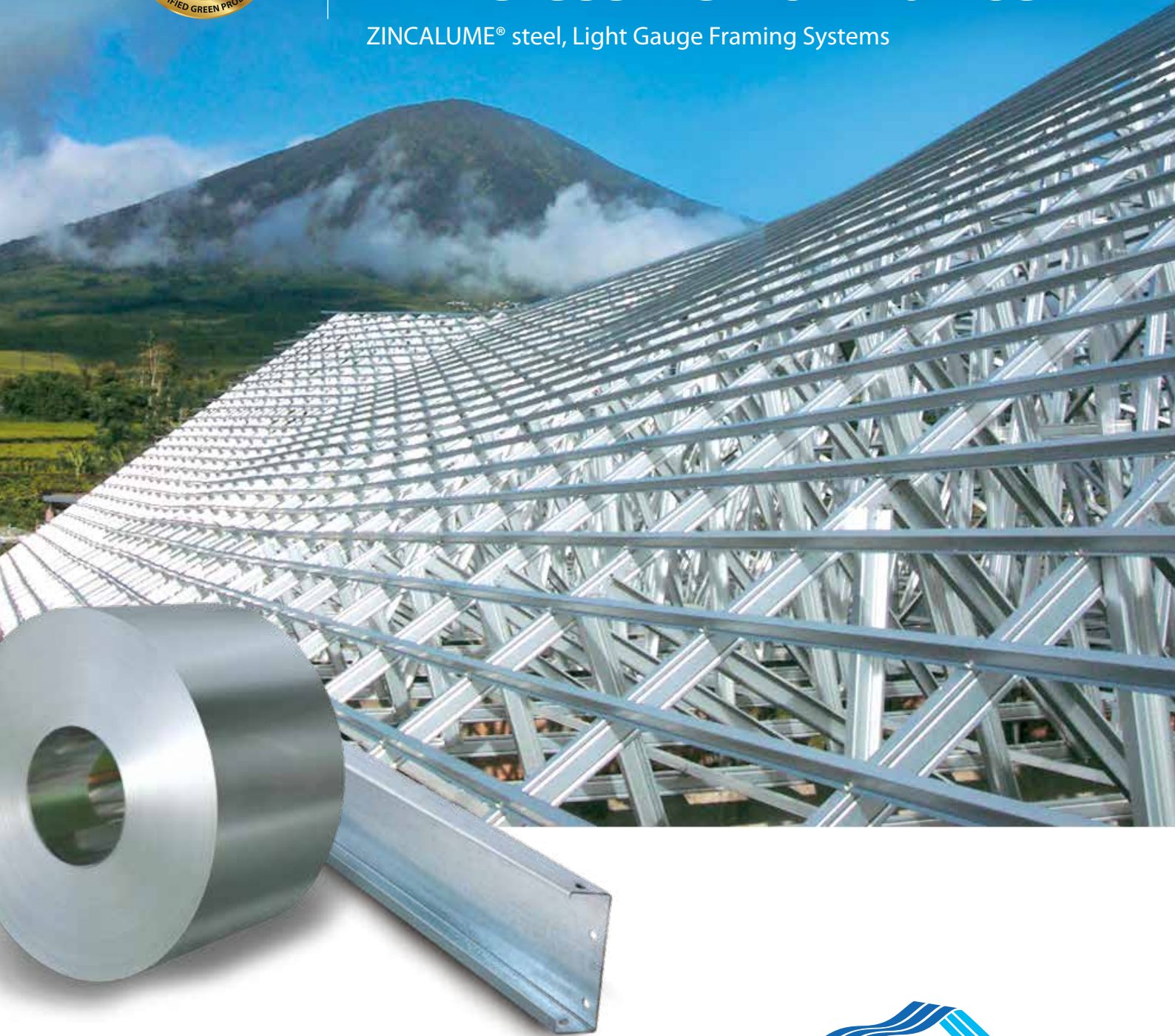


Zincalume®



Limitless Possibilities Timeless Performance

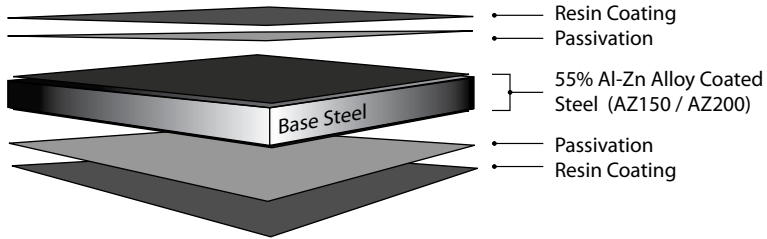
ZINCALUME® steel, Light Gauge Framing Systems




**TATA BLUESCOPE
STEEL**

Zincalume®

Launched in 1976, ZINCALUME® steel, is world's leading AL-ZN alloy coated steel product and is an outcome of extensive research. Tried and tested under actual climatic conditions, ZINCALUME® performs better than conventional light gauge material.



Cross Section of ZINCALUME® steel

ZINCALUME® steel has a min. 150 g/m² to 200 g/m² metallic coating distributed equally on both surfaces. It is available in Base Metal Thickness (BMT) ranging between 0.30 mm to 1.35 mm and any width requirement till 1250 mm. It is offered with yield strength from min. 300 MPa upto min. 550 MPa depending on the application. ZINCALUME® steel complies with AS1397, ASTM A792M, IS 15961 and ISO 9364 standards.

Industry Demands

Light Gauge framing structure (LGFS), state-of-the-art technology is the fastest for erecting and installing a building. Using the core strength of high tensile steel, it allows several applications across commercial sectors. Ideal for expansion of existing structures & additional floors, Light Gauge Framing system material primarily demands for quality driven parameters such as.

- ✓ Strong & durable Material with low maintenance
- ✓ Customized building design
- ✓ Enables faster project completion
- ✓ Cost effective
- ✓ Environment friendly with minimal waste





ZINCALUME® steel, a perfect solution for Light Gauge Framing system

Al-Zn coated steel finds application in Light Gauge Framing system (LGFS) for both ground floor and high-rise buildings, structures made from ZINCALUME® steel are strong enough to last for generations. Fundamental characteristics of ZINCALUME® steel makes it a perfect solution for Light Gauge Framing system requirements, with any desired aesthetics or complex requirements.



High Strength & Light Weight

High Strength of steel base facilitates greater spacing between members as compared to conventional building materials. Easily constructed without heavy tools or equipment leading to ease of handling.



Easy in Formability

ZINCALUME® steel has specific steel grades suitable for most forming operations, without sacrificing coating adhesion. It is able to shape exact form (Z, C & Hat sections), and can be cladded and insulated with a wide range of materials.



Excellent Weatherability

As compared to conventional structures, ZINCALUME® steel structures are conduct less heat ensuring ideal ambient temperatures. Also, Structures made from ZINCALUME® are earth quake and wind resistant as they are supremely robust.



Quick Turnaround Time

Modular construction practice proved to be significantly safer than traditional methods because of the more controlled operations & procedures. Time taken for construction can be reduced drastically by using modular building techniques, which translates into earlier return on investment.



Low Maintenance

Metallic coating of ZINCALUME® steel combines the corrosion protection of Aluminium with sacrificial protection of zinc that enhances corrosion resistance. It gives significantly longer service life & lowest service cost than the ordinary coated material.



RESORT

INSTITUTIONAL





POULTRY FARM

COLORBOND® steel edge for ZINCALUME® steel structure

While ZINCALUME® offers great strength and rigidity; the Light Gauge Framing system structures are further augmented with COLORBOND® steel's roof and wall cladding profiles. Available in a wide range of vibrant colors, COLORBOND® steel enables aesthetics and durability. Backed by THERMATECH® Technology, the profiles made from COLORBOND® steel offer greater thermal efficiency. Both ZINCALUME® and COLORBOND® steel are environmentally viable & suitable for rain water harvesting

SHOWROOM



WAREHOUSE



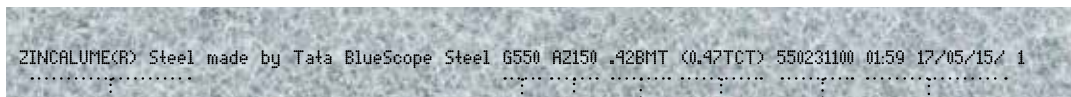


A Sustainable Solution

ZINCALUME® steel is recognised by CII Indian Green Building Council (IGBC) as Green Product in Green Building Ratings

Genuine Product

Genuine product ZINCALUME® steel is supplied with a landmark at regular intervals on reverse side of the strip. This assures highest quality, backed by a team of qualified, experienced professionals at Tata BlueScope Steel.



Product Name	Steel Grade	Total Coated Thickness	Mfg. Time & Date
	Coating Mass	Mother Coil No.	
	Base Metal Thickness		

Brandmark of ZINCALUME® steel

Assured Performance

When you use ZINCALUME® steel from Tata BlueScope Steel you can be rest assured for the required support. Our team of technical experts ensure constant support for the correct use and maintenance of our products. ZINCALUME® steel is also backed by Tata BlueScope Steel Warranty*, that ensures peace of mind for years to come.

The information and images are only for reference purpose. Please consult Tata BlueScope Steel's Sales office for appropriate recommendation.

* Conditions Apply



Tata BlueScope Steel Pvt. Ltd.
 CIN : U45209PN2005PTC020270,
Regd. Office: The Metropolitan, Final Plot No. 27,
 Survey No. 21, Wakdewadi, Shivaji Nagar,
 Pune - 411005. INDIA. Tel: +91 20 6621 8000,
 Email: coatedsteel@tatabluescopesteel.com
 Website: www.tatabluescopesteel.com

Note:

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