




**TATA BLUESCOPE
STEEL**

MASTER THE ART OF SEAMLESS INTEGRATION

Leaders in colour coated roofing and cladding solutions

#ShelterForAll

Resilient, Resolute & Future Ready

Tata BlueScope Steel, one of the leading players within the colour coated steel industry; has been supplying world-class Camouflage patterns in form of roofing, wall cladding, fencing applications, made from high strength ZINCALUME® steel, especially addressing the Defense requirements and allied usages. 'Camouflage' is specially designed to meet the stringent requirements of military-grade equipment and structures, providing both durability, performance, and weather tightness. It is a technically advanced coated steel solution that provides high durability against corrosion, resistance to crack or peel of paint coating with zero or minimal maintenance.



The Camouflage Edge



Made with the Best Material

Infrastructure that is often exposed to extreme weather conditions, including high winds, heavy rainfall, and extreme temperatures. The colour coated steel 'Camouflage' Pattern made from ZINCALUME® steel, is designed to provide both functionality and strength. ZINCALUME® steel, the world's leading 55% Al-Zn alloy coated steel product (55% Aluminium, 43.4% Zinc and 1.6% Silicon), is an outcome of extensive research and continues to set standards for corrosion resistance and long life.



Seamless Design Integration

Camouflage patterns in high strength ZINCALUME® steel typically comprises of a combination of earthy tones such as greens, browns, and greys, arranged in disruptive patterns to break up the outline of the equipment or structure and help it blend into its surroundings effectively.



Customized Applications

Tailored to meet your specific requirements, our Camouflage pattern can be customized in various colour schemes, providing the perfect blend with local topographical requirement. Suitable for a wide range of applications, Camouflage pattern can be used for roof and wall cladding for multiple defense infrastructure such as military bases, command centers, other military installations. In addition, best suited for guard huts, forest resorts, fencing and more.

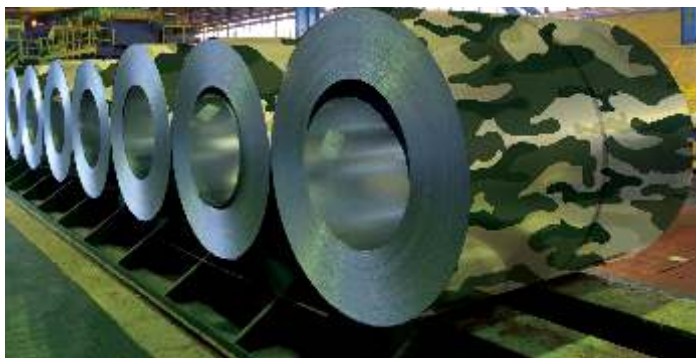


Camouflage Paint System

Pre-painted Camouflage offers numerous advantages, including the elimination of on-site painting, ensuring quick and clean installations without the need for hazardous materials. The factory-applied, oven-baked paint system guarantees long-term durability, consistent design patterns, and superior adhesion, preventing peeling, flaking, or delamination. The controlled manufacturing process achieves uniform coating thickness, enhancing aesthetics and luminance.

Material Specification

The steel base is cold rolled steel with minimum yield strength of 300 MPa or 550 MPa, coated with hot-dipped metallic Aluminium-Zinc Alloy coating of ZINCALUME® steel (55% Aluminium, 43.5% Zinc & 1.5% Si) AZ150 with minimum 150 g/m² coating mass total on both sides confirming to AS1397 /IS 15961. The metallic coated ZINCALUME® steel is pre-painted with Super Durable Polyester paint system with distinct big size camouflage design pattern in four color printing technology. On the reverse side, the sheet shall be coated with polyester paint over polyester primer of same dry film thickness. The exposed paint system shall be an environmentally friendly product (free from lead and heavy metals), suitable for rainwater harvesting. The steel sheet shall have brand marking of coated steel manufacturer (product details, date, mfg. name, etc.) on back side at regular interval confirming genuinity of the material.



Standard Application

Roofing/wall cladding and manufacturing articles

Pretreatment

Corrosion resistant proprietary coating

Base Coat

Super durable polyester paint system.

Graver Coat

Super durable polyester paint system.

Clear Coat

Super durable polyester paint system.

Primer Coat

Universal corrosion inhibitive primer.

Backing Coat

Custom formulated Light Grey colour.

Standard Properties

Flexibility : 7T minimum (AS 2728)

Pencil Hardness : HB minimum (AS 2728)

Impact Resistance : 10 Joules minimum (AS 2728)

Reference Standards

Steel Base: IS 513

Metal coating: AS 1397, ASTM A792M, IS 15961

Paint coating: AS/NZS 2728, ASTM A 755M, IS 15965

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Note:

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