



TATA STEEL COLORS



The evolution of complex structural designs has created an increasing need for superior building materials. Strong, beautiful, and durable, COLORBOND® steel is tried and tested to look great and deliver outstanding, long-life performance. Due to its versatility, its applications are endless and only limited by one's imagination.

With COLORBOND® steel, you are assured of a sustainable partner that will take your designs from concept to reality.

Look for the brand

COLORBOND® steel is supplied with a brand mark at regular intervals on the backer coat side of the strip. This assures highest quality, backed by the team of qualified, experienced personnel at Tata Steel Colors Pvt. Ltd.

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COLORBOND(R)XRFW steel made by Tata Steel Colors G550 R2150 0.45BMT (0.50TCT) 2906210000 09:24 30/05/22 1
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Product Name

Steel Grade
Coating Mass
Base Metal Thickness

Total Coated Thickness*
(*Total Coated Thickness excludes paint thickness.)

Mother Coil No.

Mfg. Time & Date



Tata Steel Colors Pvt. Ltd.
CIN: U45209PN2005PTC020270,
Floor no. 9 & 10, Kalpataru Infinia, Wakdevadi,
Final Plot no. 21, Sub plot no.3 at CTS no 15/1 Shivajinagar
Pune - 411003, India.
Tel: +91 20 6621 8000 | Website www.tatasteelcolors.com

Note:

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Explore More

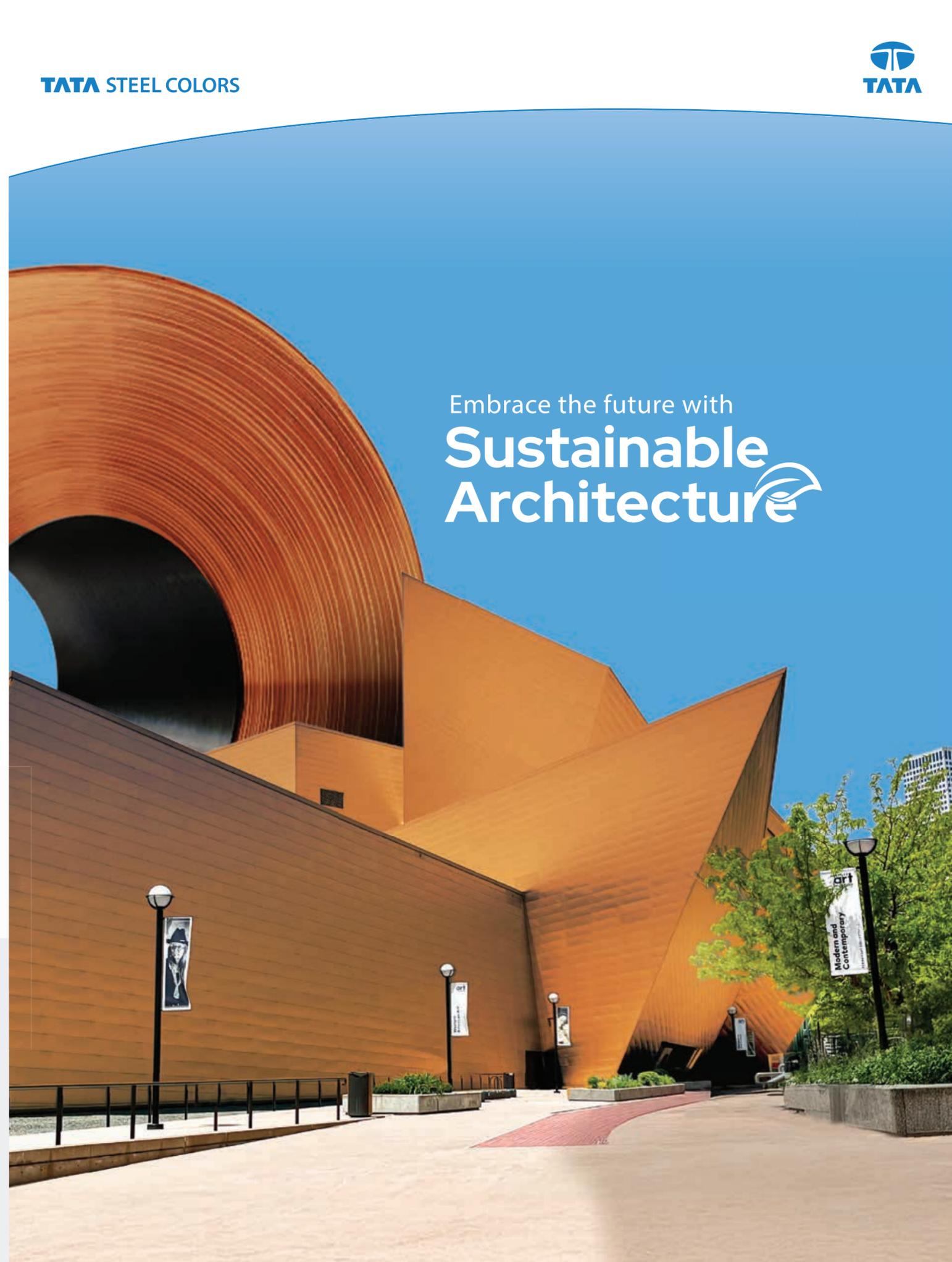
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Embrace the future with
Sustainable Architecture



COLORBOND® steel Five Decades of Strength, Style, and Sustainability

Since COLORBOND® steel was first made in 1966, much has changed. The colour range has expanded, and the technology behind it has improved. Today, COLORBOND® steel combines three key elements: the strength of a steel base, the corrosion resistance of Aluminium-Zinc coated, and the stylish look of a high-performance paint system.

25 Years of Building India's Skyline with Style and Strength

For over 25 years in India, COLORBOND® steel has empowered architects, designers, builders, and property owners with a solution that's versatile, lightweight, durable, and visually appealing. It has played a key role in enhancing building longevity, improving energy efficiency, promoting environmental sustainability, and delivering distinctive aesthetic value across a wide range of projects and environments.

Versatile & Reliable

The rich heritage of COLORBOND® steel lays the foundation of our future. As part of continuous innovation, Tata Steel Colors Pvt. Ltd.'s R&D team has worked on existing paint formulation and has come up with an enhanced version which gives Improved Colour Retention, Reduction in Chalking and Longer Lasting Gloss Retention.

We at Tata Steel Colors Pvt. Ltd. are committed to offer best-in-class paint technology within the Indian construction fraternity with 'NextGen' COLORBOND® steel that promises highest paint durability with Thermatech® Solar Reflectance Technology. The new formulation is Ultra Durable Polyester (UDP) Paint System which is the highest durable coating system.

Tata Steel Colors Pvt. Ltd. (formerly Tata BlueScope Steel Pvt. Ltd.)
Tata Steel Colors Pvt. Ltd. is a subsidiary of Tata Steel
COLORBOND® Steel is a trade mark of BlueScope Steel Limited
used under licence by Tata Steel Colors Pvt. Ltd.

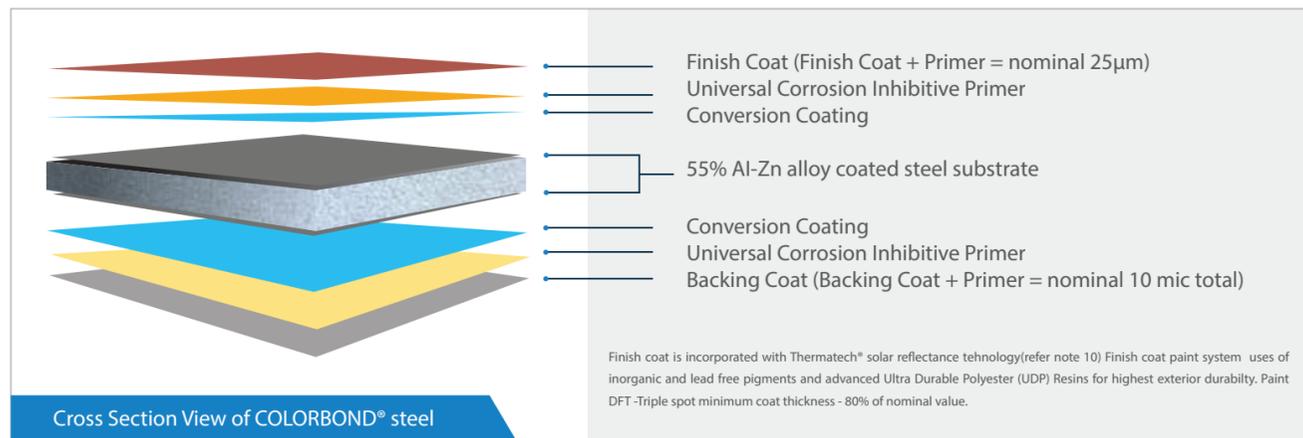


Tried, Tested and Refined Over 50 Years!

Next Gen COLORBOND® steel base is manufactured to meet the Best-In-Class, ensuring strict adherence to the required grade and strength quality. The chemical composition and incorporated layered coatings provide enhanced corrosion resistance. From pre-treatment to topcoat, all layers are specially developed and equipped with latest enhanced technology to provide protection as well as chipping, chalking and blistering resistance, also to ensure the finish retains its look for longer.

COLORBOND® steel is incorporated with Tata Steel Colors Pvt. Ltd.'s metallic coating technology - Aluminium-Zinc alloy coated steel base

substrate, which offers superior weathering performance under varied conditions, when compared to other types of metallic coated steel. ZINCALUME® steel exhibits a complex coating structure consisting of both zinc-rich and aluminium rich areas, that provide excellent sacrificial protection and a durable barrier protection to steel. ZINCALUME® steel offers upto 4 times more durable and effective performance against corrosion as compared to galvanized steel of similar coating thickness.



Outdoor Testing



Extensive R&D



In-Lab Testing

To ensure COLORBOND® steel lives up to the highest expectations in durability, it is rigorously tested at cutting edge Australian R&D centers that include accelerated laboratory corrosion tests, as well as real world outdoor exposure tests along with actual project case studies. COLORBOND® steel is manufactured as per Indian (IS 15961 and IS 15965) & Australian Standards (AS1397 and AS/NZS 2728) and tested in some of the harshest Australian conditions over the last 50 years. A genuine COLORBOND® steel is far more than just paint on steel.

Committed to quality, constant improvement and proven by credible studies, COLORBOND® steel products can endure the test of time to be the most suitable external cladding material.



Revolutionary Paint Technology

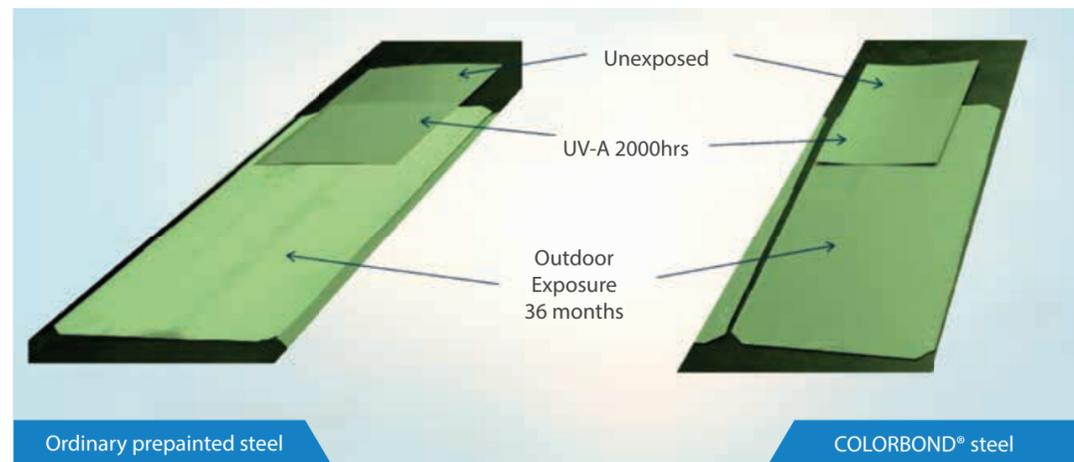
For Long Lasting Architectural Delight

What is paint weathering?

Prolonged weathering causes degradation of key ingredients in the paint system such as pigments and resins, which in return causes colour to fade. Delamination of paint is the separation of the top coat from its primer, and it can be caused by exposure to

UV, poor surface preparation and paint formulation or poor paint/ primer specification. Hence, it's important to select a reputable pre-painted product to safeguard your building design.

Product Performance in real life and accelerated conditions' steel samples shown below are sheets exposed under similar environmental conditions for the same period. The ordinary prepainted steel shows significant colour fading, while the COLORBOND® steel shows very little change in colour, thus providing long lasting beauty.



Achieving superior weathering performance through innovation in proprietary paint technology

By utilizing optimum paint formulation and pigment blends, We assure excellent long-term colour stability for COLORBOND® steel products. The proprietary COLORBOND® steel paint system offers long lasting colour, gloss durability and better delamination resistance, making COLORBOND® steel an ideal choice for the building and construction industry.

Colour choices, subtle or bold, light or dark, cool or warm, COLORBOND® steel utilizes optimum paint formulation and pigment blends to provide excellent long-term colour stability for COLORBOND® steel products. The proprietary paint system is a result of extensive R&D testing, including actual field exposure testing and has been proven by many actual cases to deliver superior durability against paint weathering, providing your building with a desirable, timeless design.



Special Pigment (Inorganic /Ceramic Type)



Fact Check

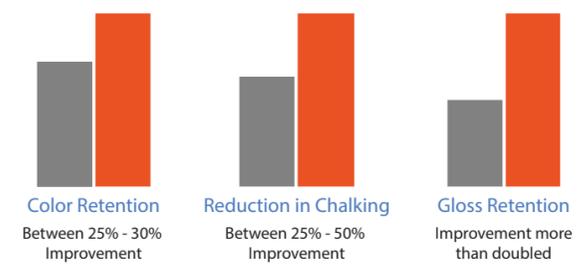
Excellent weathering performance by COLORBOND® steel

On ground studies of this building clad with COLORBOND® steel under actual weathering shows superior paint performance.



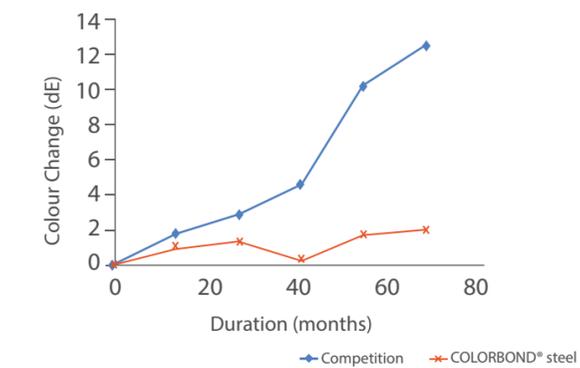
New Revolution in Paint Technology

Complete change over the exterior paint technology from Super Durable Polyester (SDP) to innovative Ultra Durable polyester (UDP) paint technology with added advantages.



Inspiring, Long-Lasting Colours

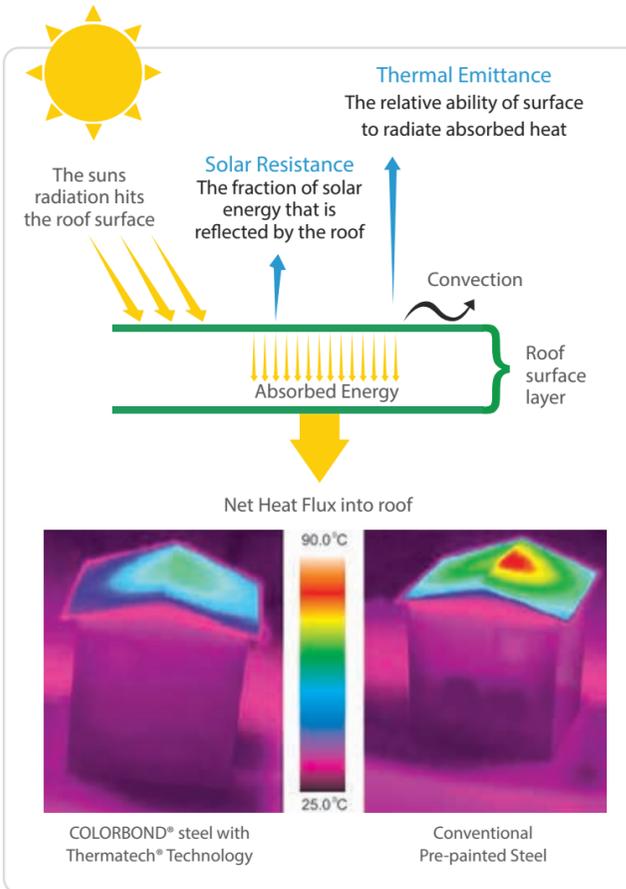
Comparison - COLORBOND® steel vs Others





Energy Efficient Roofing Material

With Exclusive Thermatech® Solar Reflectance Technology



What is solar reflectance technology?

Solar Reflectance Index (SRI) is a numerical measure that indicates a constructed surface's ability to reflect solar heat. The value ranges from 0 (standard black) to 100 (standard white), where the higher the number, the more heat is reflected.

Why is Thermatech® important in today's scenario?

Selecting the right external cladding material has one of the biggest impacts in achieving thermal efficiency for buildings. This is especially important given the prolonged periods of harsh temperatures faced by many urban areas today due to the Urban Heat Island (UHI) effect, coupled with the increasing average temperature of the environment due to climate change. External claddings made of Thermatech® technology will absorb less heat, hence less heat is re-emitted into the surrounding, ultimately reducing the UHI effect.

Green building rating tools such as the Leadership in Energy and Environment Design (LEED) and Indian Green Building standard encourage the usage of materials with high SRI values to mitigate the UHI effect. Depending on the design of your building, COLORBOND® steel with Thermatech® is able to meet such standards and potentially contribute to the reduction in cooling expenses.

Less Heat, More Comfort

With Tata Steel Colors Pvt. Ltd. 's Thermatech® solar reflectance technology, the solar reflectance ability is increased without affecting the colour shade. Hence COLORBOND® steel, incorporated with Thermatech® technology, can deliver better thermal performance compared to conventional paint of the same colour, ultimately lowering the heat transmitted through the roof into the living space. Lower heat transmitted means better thermal comfort.



COLORBOND® steel Colours	SRI Value	Low Slope* 1/4:12 to 2:12 (SRI - min. 78)	Steep Slope* 2:12 or more (SRI - min. 29)
Pure White	94	✓	✓
Dover White	92	✓	✓
Surfmist	87	✓	✓
Light Ivory	81	✓	✓
Gull Grey	69	✗	✓
Sky Blue	46	✗	✓
Toba Blue	37	✗	✓
Pale Eucalypt	44	✗	✓
Mist Green	39	✗	✓
Windspray	45	✗	✓
Headland	43	✗	✓
Torres Blue	32	✗	✓

*Green Building Council (USGBC) Norms.

Benefits



Cool Roof

Maintain thermal comfort in hot weather (lowers roof sheet temperature by up-to 6° C)



Energy Efficient Product

Reduces electricity consumption by up-to 15%



Enhanced Aesthetics

It increases colour stability of material due to lowered roof temperature



Increased Durability of Cladding

It decreases thermal expansion/ contraction



Insulation

Acts like an added insulation under the sun



Planet Friendly Product

COLORBOND® steel is durable and resilient in harsh climate and its long life helps conserve resources and energy that may otherwise be invested in products with a shorter life span.

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All COLORBOND® steel contains recycled content and the steel itself



COLORBOND® steel has well-known eco-label certificates establishing itself as a leader in sustainable architecture:

• Verified Environmental Product Declaration (EPD)

• GreenPro Certification recognized by CII Indian Green Building Council (IGBC) as Green Product in Green Building Ratings.

Recycled Content

COLORBOND® steel can be recycled

Regional Materials

Our manufacturing facility is in radius of qualifying as regional materials to most of the project sites in India.

Reduce Heat Island Effect from Roof

Many light shades of COLORBOND® steel meet Solar Reflectance Index (SRI) that is required by green building standard.

Clean Internal Air Quality

COLORBOND® steel is pre-painted steel which is not required to paint at construction sites. It is likely to emit Zero/less TVOCs and formaldehyde than other material used for the same purpose which gives better IAQ; health benefits for occupants.

Rainwater Harvesting

COLORBOND® steel roof is suitable for 'Rainwater Harvesting' as external coating is free from heavy metal (lead content, Hg, Cd, etc.)



COLORBOND® XRW steel

COLORBOND® XRW steel is specially designed and developed for high durability and superior aesthetics for roofing and wall cladding applications for general use. It is tested in some of the harshest global conditions over 50 years, genuine COLORBOND® XRW steel is far more than just paint on steel. COLORBOND® XRW steel's paint system uses Ultra Durable Polyester (UDP) paint system. It offers extraordinary colour fading resistance, excellent gloss retention and film integrity over long period of time.

COLORBOND® XRW steel with innovative Thermatech® solar reflectance technology, offers better cool comfort to the building occupants in during peak temperature. In South Asia countries & around the world, COLORBOND® XRW steel product is preferred choice to an architect, building designer and owners in roofing and wall cladding application in all sectors such as Infrastructure, all type of Industrial segment, commercial complex, warehousing and many more. COLORBOND® XRW steel is complying to IS 15965- Durability Class 3 & AS/NZS 2728 – Product type 4.



COLORBOND® Ultra steel

COLORBOND® Ultra steel is designed especially for external cladding application for severe coastal & industrial environments with salt spray in the air. The higher coating mass of AZ200 & special paint system provides additional degree of protection to the steel substrate. Metal sheeting, including exterior roofing and walling sheets, made from COLORBOND® Ultra steel will be able to better handle salt, pollution and other deposits that normally cause premature corrosion on metal sheets.

COLORBOND® Ultra steel is best suited for moderately severe marine & industrial environment (typically 100-200 m from the source of the severe environment). COLORBOND® Ultra steel's paint system uses Ultra Durable Polyester (UDP) paint system with high corrosion resistance primer, withstand in severe environmental conditions. A wide colour range along with excellent resistance to corrosion makes it more convenient for architects & engineers to use this product in corrosive environments, especially for industrial & infrastructure projects. COLORBOND® Ultra steel is complying to IS 15965- Durability Class 4 & AS/NZS 2728 – Product type 4.



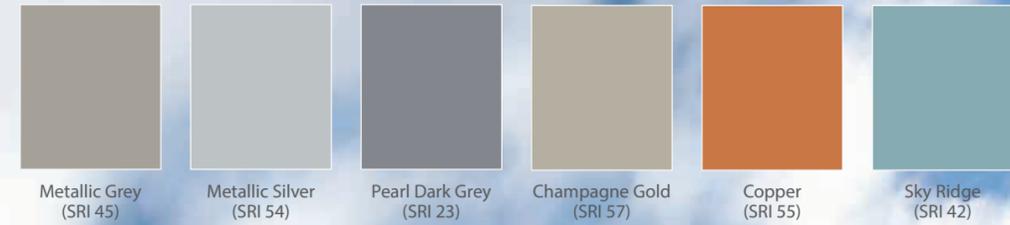
COLORBOND® XPD steel

The colour fading of pre-painted steel is typically caused by exposure to UV radiation in sunlight and other external factors that are beyond our control. The unique composition of the paint system of COLORBOND® XPD steel uses stable Polyvinylidene fluoride (PVDF) fluoro-resin/fluoropolymer having 70% PVDF resin from Kynar500 or Hylar5000 and 30% durable acrylic resin and long-lasting inorganic and ceramic pigments. Our Tata Steel Colors Pvt. Ltd. 's 70% PVDF paint system goes beyond generic PVDF paint system and has been developed with proprietary formula which outperforms conventional PVDF paint. COLORBOND® XPD steel is especially designed for premium colour durability, excellent weatherability and high formability for your choice of prestigious roofing, walling, architectural panels and building accessories that demand ultimate performance in long terms colour and gloss retention. COLORBOND® XPD steel is complying to IS 15965- Durability Class 3 & AS/NZS 2728 – Product type 3.

COLORBOND® Spectrum Series

Reflecting strength and beauty of its surroundings, COLORBOND® steel Spectrum Series creates an amazing effect under varied natural lighting conditions and viewing angles, enhancing the prestigious appearance of your building with subtle yet remarkable effects. The basis behind the development of the COLORBOND® steel Spectrum Series is the intelligently formulated technology of COLORBOND® steel and the tough and durable Aluminium-zinc alloy-coated steel that assures you more than just exceptional aesthetics. Metallic finish is achieved through the addition of high performance metallic pigments, which allows paint to exhibit different characteristics in colour and appearance in different time and angle. Typically, the metallic pigment used is called mica particles, which are shiny mineral-flakes. COLORBOND® steel Spectrum Series is complying to IS 15965- Durability Class 3 & AS/NZS 2728 – Product type 3.

COLORBOND® steel Spectrum Series



*The above colours are for reference purpose only.
Do consult our sales representative for the actual colour samples.



COLORBOND® Metallic steel

COLORBOND® Metallic steel brings architecture to life with its reflective surface that interacts beautifully with light and surroundings, creating subtle shifts, striking depth, and dynamic visual effects. A unique paint system with precisely aligned mica particles and durable PVDF resin enhances brilliance and performance, making it ideal for facades, design accents, and interiors. Compliant with IS 15965 Durability Class 3 and AS/NZS 2728, it's a versatile solution for iconic, light-responsive designs.

COLORBOND® Metallic steel

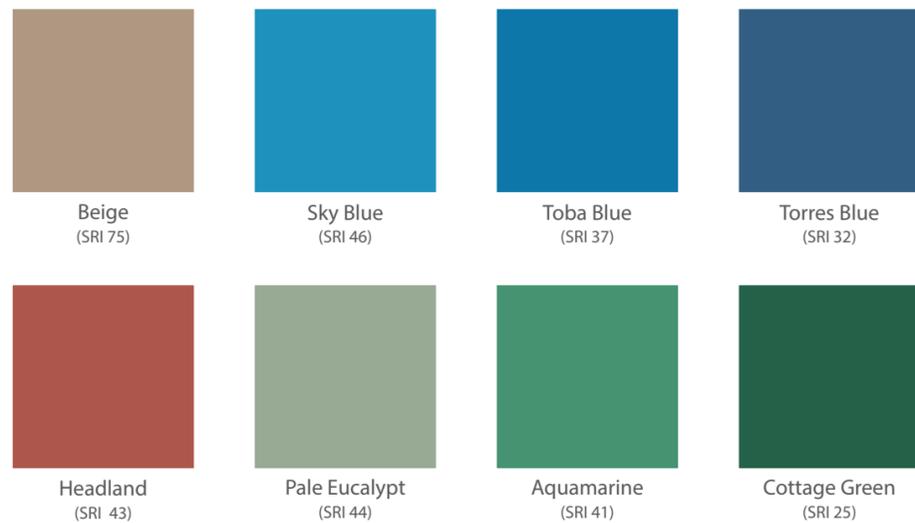


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COLORBOND® steel Primary Color Range

We take pride in being at the forefront of quality and innovation, by continuously investing in research to refine and develop building materials that are stronger, lighter and ultimately more viable for construction. So, whatever your imagination conceives, COLORBOND® steel can be the material of your choice.



The above colours are for reference purpose only and subject to availability. Do consult our sales representative for the actual colour samples. **Back Coat**

Peace of Mind

COLORBOND® steel is often associated with "peace of mind" due to its long-lasting performance, durability, and aesthetic appeal. Its strong reputation, backed by warranties and extensive testing, gives confidence to architects and builders. COLORBOND® steel is also known for its ability to withstand harsh weather conditions and its ability to reduce heat absorption, contributing to a comfortable and sustainable built environment.

Tata Steel Colors Pvt. Ltd. takes a professional approach to product warranties and stand by it.

Warranties are treated as an important part of our product offer and after-sales service. Our warranties are developed after thorough review and are not just a sales tool.

The performance of COLORBOND® steel is assured. It comes with upto 20 years warranty* against perforation by weathering & upto 12 years warranty* against peeling, chalking and fading, from the date of invoicing in neutral environment.

*Warranty is subject to terms and conditions. Contact Tata Steel Colors Pvt. Ltd. Sales Office for further information

COLORBOND® steel Offering

Base Metal Thickness
0.30 mm to 1.30 mm

Supply Width
900 mm to 1250 mm
(Slit width <900 mm can be available on request)

Grade
Yield Strength – 300 MPa,
340 MPa/350 Mpa, 550 MPa
(As per ASTM A792M/
AS1397 / IS 15961)

Colours
Vibrant range of color

Metallic Coating
AZ150 & AZ200

Pack size
3-5 tonnes

