

Colorcoat® product performance guarantee

This guarantee applies to the products listed in the table below manufactured by Tata Steel Colors and used for roof and wall cladding applications in environments stated below. Geographic coverage is for Europe above latitude of 36° North and between longitude of 10° West and 40° East.

The guarantee covers damage resulting from:

- Corrosion of the steel due to significant peeling or cracks in the paint
- Any major and unequal change in colour on a surface where exposure to UV has been equal

Customer Name:

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Colorcoat® product performance guarantee cover

Colorcoat® Product	Rural, urban, normal industrial, low salinity (C2/C3)	Severe industrial (C4/C5-I)	High salinity (C4/C5-M)	Special atmospheres
Colorcoat® PE 25	10 years	☒	☒	☒
Colorcoat® PVDF	Walls: 12 years	Walls: ☎	☒	☒
Colorcoat® PVDF 35	Walls 15 years; Roofs: ☎	Walls 10 years Roofs: ☎	Walls 10 years Roofs: ☎	☒
Colorcoat® SDP 35	15 years	☎	10 years	☎
Colorcoat® SDP50	15 years	10 years	12 years	☎

☎ Consult Tata Steel

☒ Unsuitable - not guaranteed

For zinc weights of individual products, please refer to the national rules in force in each country. In all cases, a minimum Z225 zinc weight or 140 gr/m² ZMA metallic coating for Colorcoat® PE 25 and PVDF on MagiZinc® is compulsory. In case of differential zinc weights, the exposed side needs a minimum zinc weight of 115 gr/m². For any specifications other than the standard Colorcoat® product please consult Tata Steel.

Corrosivity

C2 - Low corrosivity. Atmosphere prevailing in rural areas and small cities, with no significant contamination by corrosive agents such as sulphur dioxide and/or chlorides.

C3 - Medium corrosivity. Contaminated atmosphere prevailing in areas with a high population density but with no major industrial activity. It contains moderate concentrations of pollutants such as sulphur dioxide and/or chlorides. Areas with a low level of salinity located typically between 10 and 20 km from the coast.

C4 - High corrosivity. Atmosphere contaminated by the corrosive pollutants discharged by local and regional industry (especially sulphur dioxide). Areas with a moderate level of salinity located typically between 3 and 10 km from the coast.

C5-I - Very high corrosivity (industrial) Atmosphere contaminated by the corrosive pollutants discharged by local and regional industry (C4), together with a high level of humidity.

C5-M - Very high corrosivity (marine) Atmosphere prevailing at sea and in coastal areas.

This guarantee only covers areas with a high level of salinity, i.e. areas located typically within 3 km from the coast, and exclude the sea front (area exposed to direct seawater attack).

Special atmospheres

Atmosphere of buildings exposed to strong UV radiation: for example buildings located at an altitude of over 900 m above the sea level. Particular atmosphere: environment where the severity of the exposure described above is increased by certain factors, such as particularly corrosive agents, sea spray, high hygrometry, significant dust deposits, high temperatures and abrasion.

Terms and Conditions

1. The guarantee shall enter into effect on the date of delivery, as stated on the invoice. Colorcoat® products shall be fitted within 6 months from the delivery date, as stated on the invoice.
2. The duration of the guarantee period shall depend on the Colorcoat® product, the atmosphere and/or the geographic area.
3. No restoration performed under the cover of guarantee shall give rise to an extension of the guarantee period.
4. The guarantee covers the Colorcoat® product used for roof and wall cladding, sandwich panels and sections for industrial, education, residential and agricultural buildings in the scope of their habitual use. The guarantee only applies to the exposed outer side and does not cover accessories such as guttering, standing seam clips etc.
5. The paint surface protects the substrate against corrosion. In order to preserve the coatings, the owner is required to carry out an annual inspection, clean off any surface deposits (leaves, salt, dust etc.) and inform Tata Steel of any observations. The guarantee applies when more than 5% of the surface area of the same side of a building is affected.
6. It shall be accepted that changes in appearance may occur slowly, gradually and uniformly on any product resulting from a single Tata Steel contract, on the same side of a building exposed to the same exposing conditions.
7. The conditions under which the products are stored, conditioned, transported, handled, erected and maintained shall comply with relevant codes of practice and standards (DTU statutory technical guidelines, French and European standards XP P34-301, EN 10169-1 and -2 etc.). At the worksite, the products shall be sheltered from rain and direct sunlight and the storage period shall not under any circumstances exceed one month.
8. Protective films shall be removed within 3 months from delivery of the Colorcoat® product. These protective films do not under any circumstances eliminate the need for sheltered storage and do not protect the steel from any chemical attack that might occur during forming. The protective films must be removed immediately after erection.
9. In the event of a claim, Tata Steel Colors will compensate for damage by supplying new coils or by providing and applying the repair paints for the restoration of the defective surfaces; the choice of solution being left to the discretion of Tata Steel Colors.
10. In all cases, the extent of the guarantee shall be limited to the cost of the material supplied by Tata Steel Colors covered by the guarantee, as stated on the invoice. Only damaged parts shall be repaired or reimbursed.
11. Tata Steel Colors has to be notified by the profiler of a claim in writing within 30 days of the identification of any defect indicating a (potential) failure of the product meeting its performance criteria. Notification must include proof of origin of the product; including Tata Steel Colors coil number and tracking information on the manufacturing and installation of the product. Tata Steel Colors shall be given the opportunity to inspect the building safely in relation to the claim made.
12. English law applies in the case of international sales. In the event of a contradiction between the English document and translations into other languages, the original English version of the guarantee shall apply.
13. This Colorcoat® product performance guarantee cancels and replaces any prior versions from Tata Steel Colors.

Exclusions

1. If the pre-finished steel is used in an abnormal corrosive or aggressive environment (eg. if the air has a high salt content), if the conditions of use involve continuous contact with water or damp surfaces (concrete, wood, soil etc.), or if used in an environment where chemicals, smoke, dust, condensation water or manure act on the surface of the steel sheet. This guarantee shall therefore not apply to structures located in areas where the atmosphere is particularly corrosive or where directly attacked by sea water (sea front locations).
2. On roofs and, by extension, to their constituent parts, where the design, manufacture or assembly lead to water retention or various forms of soiling and/or where the pitch is less than 7%.
- 3.a) Accumulations of dirt or debris nor does it apply to failure or damage in areas not exposed to washing by rainfall.
- 3.b) Where corrosion appears starting from the cut edges.
4. Where corrosion appears starting from the reverse side, from transverse and longitudinal overlaps, or due to the atmosphere inside the building.
5. Fabrication and/or installation of the coated material at temperatures other than indicated in the current product data sheet at the time of sale.
6. Where the steel sheet is exposed to abnormal high temperatures.
7. Parts that have been cut, drilled or heavily deformed (ends of strips, cut-outs, holes, deep scratches etc.).
8. Slow, gradual, uniform change of colour, change due to soiling or change of the gloss of the paint coating.
9. The performance of any touch-up paint or over-paint used on the panels.
10. Fire, lightning, flood, explosion, abnormal winds, earthquake, acts of war, riots, civil commotion, radiation, falling objects, vandalism and other extraneous causes.
11. Deterioration caused by contact with wet, green or treated timber due to direct or indirect contact with corrosive materials.
12. This guarantee excludes any responsibility for direct or indirect immaterial losses due to the damage, to which this guarantee relates, such as layoffs, loss of production, loss of use, loss of brand image, contractual penalties etc.
13. In the event of a change in the nature of the environment and/or the use of the premises for whatever reason.

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