

# Colorcoat® LG

Available from Tata Steel, Colorcoat® LG is a leathergrain embossed plastisol product suitable for roof and wall cladding systems where good performance is required at a competitive price.

- 200µm durable, abrasion-resistant topcoat.
- Available in the most popular colours in standard sizes.
- Galvanised substrate to BS EN 10346:2015 offering good corrosion resistance.
- Available with a performance guarantee up to 25 years including factory cut edges.
- High performance reverse side backing coat as standard.
- Manufactured in the UK by Tata Steel, who have a proven track record in pre-finished steel.
- Fully REACH compliant and free of chromates.

## Colorcoat® reassurance

The Colorcoat® brand provides the recognised mark of quality and expertise from Tata Steel. Encompassing over 50 years of innovation, strict testing procedures and manufacturing excellence, Colorcoat® provides a range of pre-finished steel products which have been used on countless projects worldwide.

## Product performance

Colorcoat® LG is carefully manufactured in a controlled process to ensure consistent quality.

The use of Colorcoat® LG in aggressive environments including roofs where a photovoltaic (PV) frame module might be installed is not recommended. For optimum levels of performance including roofs where PV modules might be installed, always specify Colorcoat HPS200 Ultra® supported by the Confidex® Guarantee.

## Guarantee periods

Colorcoat® LG comes with a performance guarantee of up to 25 years, including factory cut edges. This is made available through the cladding system manufacturer or distributor. Owing to the likelihood of an aggressive micro-environment being generated under a photovoltaic array, the Colorcoat® LG guarantee would not apply.

## Colorcoat® LG guarantee cover

| Colour Band | Inland   |          | Coastal  |          |
|-------------|----------|----------|----------|----------|
|             | Walls    | Roofs    | Walls    | Roofs    |
| CD1         | 25 years | 25 years | 20 years | 20 years |
| CD2         | 20 years | 15 years | 15 years | 10 years |

### Notes

1. Guarantee periods quoted are applicable to UK and Ireland only.
2. Figures under coastal heading are buildings within 2km of the sea.
3. Full terms and conditions of the Colorcoat® LG guarantee are on the reverse of the guarantee application form available from Colorcoat® supply chain partners.

## Product testing

To ensure the integrity of Colorcoat® products, Tata Steel uses laboratory tests to measure their performance against corrosion, effect of sunlight, chemicals and abrasion. All testing of products is carried out in accredited laboratories to international standards.

## Typical properties

| Colorcoat® LG                              |      |          | Test standard    |
|--------------------------------------------|------|----------|------------------|
| Nominal organic coating thickness          | (µm) | 200      | EN13523-1        |
| Gloss (60°)                                | (%)  | 15-35    | EN13523-2        |
| Scratch resistance                         | (g)  | > 3500   | EN13523-12       |
| Abrasion resistance (Taber, 250 rev, 1 kg) | (mg) | < 12     | EN13523-16       |
| Flexibility: Reverse Impact                | (J)  | ≥ 18     | EN13523-5        |
| Adhesion (cross hatch)                     | (%)  | 100 Pass | EN13523-6        |
| Minimum bend radius                        | (T)  | 0 T@16°C | EN13523-7        |
| Corrosion resistance: Salt spray           | (h)  | 1000     | EN13523-8        |
| Humidity                                   | (h)  | 1000     | EN13523-25       |
| Max. continuous operating temp.            | (°C) | 60       | Tata Steel       |
| Reaction to fire                           |      | Class 0  | BS476 part 6 & 7 |
| Resistance to fire                         |      | Class AA | BS476 part 3     |

### General notes

The figures contained in this table are typical properties for solid colours and do not constitute a specification. Tata Steel can also provide fire performance data to European Classification standards. These figures relate to the topcoat. For details of test methods see [www.colorcoat-online.com](http://www.colorcoat-online.com)

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