TATA STEEL

TATA

Colorcoat® LG

Pre-finished steel for roof and wall cladding

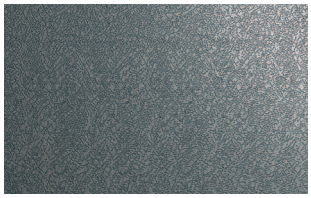
White CD1 00E55

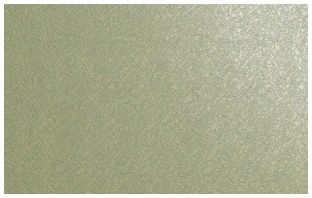

Goosewing Grey CD1 10A05


Meadowland CD1 12B17

Hamlet CD1 RAL 9002


Albatross CD1 18B17


Merlin Grey CD1 18B25


Moorland Green CD1 12B21


Honesty CD1 10C31


Wedgewood Blue CD1 18C37


Raven CD2 18B29


Heritage Green CD2 RAL 6002


Mushroom CD1 10B19


Ocean Blue CD2 18C39


Anthracite CD2 RAL7016


Olive Green CD1 12B27


Terracotta CD2 04C39


Sargasso CD2 RAL 5003


Black CD1 00E53


Juniper Green CD2 12B29


Vandyke Brown CD2 08B29

Notes

1. The standard colour references shown above are the nearest equivalents.
2. The printed colours shown for Colorcoat® LG are for guidance only. For a true representation of colour and effect, please obtain product samples from the Colorcoat Connection® helpline.
3. If an exact match between components and Colorcoat® LG is essential, this is best achieved by matching to the actual cladding delivered to site.

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 an external 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

	Inland		Coastal	
Colour Band	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 and exclude individual domestic residential applications.
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 specialised laboratories to international standards.

Typical properties

Colorcoat® LG			Test standard
Nominal organic coating thickness	(µm)	200	EN 13523-1
Gloss (60°)	(%)	15-35	EN 13523-2
Scratch resistance	(g)	> 3500	EN 13523-12
Abrasion resistance (Taber, 250 rev, 1 kg)	(mg)	< 12	EN 13523-16
Flexibility: Reverse impact	(J)	≥ 18	EN 13523-5
Adhesion (cross hatch)	(%)	100 Pass	EN 13523-6
Minimum bend radius	(T)	0 T@16°C	EN 13523-7
Corrosion resistance: Salt spray Humidity	(h) (h)	1000 1000	EN 13523-8 EN 13523-25
Max. continuous operating temp.	(°C)	60	Tata Steel
Reaction to fire		Class C-s2,d0*	EN 13501-1
Fire performance of roof coverings		$B_{ROOF(t4)}$** CWFT $B_{ROOF(t1,2,3)}$***	EN 13501-5 CWFT 2005/403/EC

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**

* Valid for all gauges ≥0.46mm and all colours on the colourcard for single sided product.

** Valid for all gauges ≥0.4mm and all colours for all single and double sided products.

*** Valid for all gauges ≥0.4mm and all colours for single sided and 200/100 option.

www.colorcoat-online.com

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