

## Colorcoat® SDP 50

### The more durable alternative to PVDF (Pvf2)

Colorcoat® SDP 50 is a high-build pre-finished steel product, which provides a more durable alternative to PVDF (Pvf2) with comparable aesthetic performance.

- Smooth or lightly textured nominal 50µm coating providing improved scratch and abrasion resistance. Also available in coarser textures for roof tiles and matt variants.
- Galvanised substrate produced with a Zinc or MagiZinc® metallic coating offering very good corrosion resistance.
- Available in popular solid colours and RAL 9006 and 9007 metallic colours all with excellent colour and gloss retention.
- High-performance reverse side backing coat specially formulated for use in construction applications.

### Colorcoat® reassurance

The Colorcoat® brand provides the recognised mark of quality and expertise from Tata Steel. Encompassing over fifty 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.

### Tailored solutions

For any customised requirements, MyriaPlus® can meet your needs with shorter lead times, flexible quantities and further processing.

For further information, please contact Tata Steel.



# Colorcoat® SDP 50

## Product performance

Colorcoat® SDP 50 is carefully manufactured in a controlled process to ensure consistent quality. Colorcoat® SDP 50 is suitable for roof and wall cladding systems.

The durability of Colorcoat® SDP 50 is derived from the galvanised substrate and the high performance pre-treatment, primer and robust topcoat. This provides a greater level of durability than is available with industry standard products such as PVDF (Pvf2).

Colorcoat® SDP 50 is also available in different textures. Tata Steel has a range of Colorcoat® products suitable for different environments and applications.

## Guarantee period

A fit for purpose guarantee is available. The actual duration of the guarantee will depend on the environment, geographic location and application.

## 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® SDP 50			Test standard
Nominal organic coating thickness	µm	50	EN 13523 - 1
Specular gloss (60°)	%	20 - 40	EN 13523 - 2
Scratch resistance	g	> 3000	EN 13523 - 12
Abrasion resistance (Taber, 250 rev, 1kg, CS10 wheels)	mg	< 20	EN 13523 - 16
Flexibility: Minimum bend radius	T	1T@16°C	EN 13523 - 7
Adhesion	T	≤ 1T	EN 13523 - 7
Corrosion resistance: Salt spray	hours	1000	EN 13523 - 8
Humidity	hours	1500	EN 13523 - 26
Corrosion resistance category		RC5 <sup>2</sup>	EN 10169
UV resistance category		Ruv4	EN 10169
Reaction to fire classification*		A1	EN 13501 - 1

### General notes

- The figures contained in this table are typical properties and do not constitute a specification. These figures relate to the topcoat and solid colours. For details on test methods see [www.colorcoat-online.com](http://www.colorcoat-online.com)
  - To meet the corrosion resistance properties above, a Zinc weight of Z275g/m<sup>2</sup> or MagiZinc® ZMA140gr/m<sup>2</sup> applies. On request Z225g/m<sup>2</sup> can apply as a minimum coating weight.
- \* Fire classification is subject to gauge. Double sided option is not tested and quoted fire classification may therefore not be applicable. Please contact Tata Steel for further information.

## Contact details

[www.colorcoat-online.com](http://www.colorcoat-online.com)

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