

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 50 µm coating providing improved scratch and abrasion resistance. Also available in coarser textures for roof tiles and matt variants.
- Galvanised substrate produced with a Zinc 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 almost 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 visit www.myriadservice.com



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 accredited 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 Humidity	hours hours	1000 1500	EN 13523 - 8 EN 13523 - 26
Corrosion resistance category		RC5 ²	EN 10169:2010
UV resistance category		Ruv4	EN 10169:2010
Reaction to fire classification		A1	EN 13501 - 1

General notes

1. 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
2. To meet the corrosion resistance properties above, a Zinc weight of Z 275 g/m² or equivalent applies. On request Z 225 g/m² can apply as a minimum coating weight.

Contact details

www.colorcoat-online.com

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