

Colorcoat® SDP 50

Colorcoat® SDP 50 is an aesthetic, durable and resilient prefinished steel with long guaranteed life expectancy.

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

- 50µm coating for improved scratch and abrasion resistance combined with excellent corrosion protection.
- Colorcoat SDP 50 complies with the recommendation of the IFBS, to specify a coating thickness of at least 45µm for roofs used for services or solar installations
- Up to 25 years performance guarantee from Tata Steel. No registration required. The guarantee also applies when solar panels are installed
- Ruv4 and RC5+
- Low carbon footprint, a third party verified EPD is available
- BES 6001 certified. Fully REACH compliant. Available with Zeremis® Carbon Light

MyriaPlus®

Tailored solutions and services

For any customized requirements, Tata Steel can meet your needs with shorter lead times, flexible quantities and further processing. Our technical support team is on hand to help you to define:

- The best solution in view of the application and the manufacturing process.
- The precautions to be taken regarding the end use of this product.

For further information, please visit

www.tatasteelnederland.com



Colorcoat® SDP 50

Product performance

Colorcoat SDP 50 is carefully produced 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.

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

Guarantee period

Up to 25 years Tata Steel Performance Guarantee. The actual duration of the guarantee will depend on the environment, geographic location and application.

Product testing

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

Typical Properties

Colorcoat® SDP 50	Test norm	
Nominal organic coating thickness	50 µm	EN 13523 - 1
Gloss level (60°)	20 – 40%	EN 13523 - 2
Flexibility: Minimal bending radius	1T @ 16°C	EN 13523 - 7
Adhesion	≤ 1T	EN 13523 - 7
Corrosion resistance		
Salt spray test	1000 h	EN 13523 - 8
Condensation test	1500 h	EN 13523 - 26
Corrosion resistance class	RC5+	EN 10169
UV resistance	Ruv4	EN 10169
Reaction to fire, Class*	A1	EN 13501 - 1

Notes

The figures contained in this table are typical properties of the topcoat and do not constitute a specification.

Zinc weight of Z275 gr/m² or ZM140 gr/m² (MagiZinc) applies.

* Fire rating depends on thickness. Double sided has not been tested and classification may not be applicable. Please contact Tata Steel for more information.

Sales Contact Details

Tata Steel Nederland

Wenckebachstaat 1
1951 JZ Velsen-Noord
The Netherlands

E: Connect.Colors@tatasteelurope.com

www.tatasteelnederland.com

Tata Steel Maubeuge SAS

22, Av. Jean de Beco
59720 Louvroil
France

E: Connect.Colors@tatasteelurope.com

www.tatasteelnederland.com

Trademarks of Tata Steel

Colorcoat®, MyriaPlus, MagiZinc® and Zeremis® are trademarks of Tata Steel. While care has been taken to ensure that the information contained in this publication is accurate, neither Tata Steel, nor its subsidiaries, accept responsibility or liability for errors or for information which is found to be misleading. Before using products or services supplied or manufactured by Tata Steel and its subsidiaries, customers should satisfy themselves as to their suitability.

Tata Steel IJmuiden BV is registered in The Netherlands under number 34040331 at Wenckebachstaat 1, 1951 JZ Velsen-Noord, The Netherlands.

Tata Steel Maubeuge SAS is registered in France under number 445 720 295 RCS Valenciennes, at 22, Av. Jean de Beco, 59720 Louvroil, France.

Copyright 2024 Tata Steel
Language EN 0324