

Colorcoat® SDP 50

Colorcoat® SDP 50 is a sustainable high-build pre-finished steel, aesthetic appearance and long-term durability

Colorcoat® SDP 50 is an aesthetic, durable and resilient prefinished steel with long guaranteed life expectancy. It is the perfect material for profiles and sandwich panels for walls and roofs of premium architectural projects.

- A 50µm coating for an 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.
- A fit for purpose guarantee is available for up to 25 years. No registration required. The guarantee also applies when solar panels are installed.
- Ruv4 and RC5+
- The product has a low carbon footprint, optionally available with Lower Embodied Carbon and Zeremis® Carbon Lite (mass-balanced).
- A third party verified EPD is available.
- Fully REACH compliant.

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.



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

A fit for purpose guarantee is available for up to 25 years. 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, effect to sunlight, 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
Scratch resistance (g)	> 3000	EN 13523 - 12
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. For details on test methods see www.tatasteelnederland.com
- To meet the corrosion resistance properties, a Zinc weight of ZM140 gr/m² (MagiZinc) or Z275 gr/m² applies.

* Fire classification is subject to gauge. Double sided options are available, please contact Tata Steel for further information.

www.tatasteelnederland.com/products

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