

Colorcoat® SDP 50 Colours



Printed colours are for guidance only.

Please request a sample from us to assess the exact colour and texture before specifying.

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 Carbon Embodied and Zeremis® Carbon Lite (mass-balanced).
- A third party verified EPD is available.
- Fully REACH compliant.

Wide range of colours

Colorcoat SDP 50 is available in a variety of standard roof and wall colours, including a number of metallic colours with a sparkling effect. The metallic colour range includes a copper green metallic and a silver white metallic. Non-standard colours are also available upon request. Production hand samples are available for the best assessment of texture, colour and effect. To ensure consistency of colour on a single surface, it is recommended to use material from the same production batch.

In addition, for metallic colours, the directionality of the surfaces should be consistent during construction.

Tata Steel Performance Guarantee

- Up to 25 years guarantee
- Full coverage during entire period
- Guarantee also applies if solar modules are installed
- The guarantee starts automatically. No further action required
- Full coverage without any registration within Europe

The actual guarantee period and conditions are stated on the guarantee document.

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.

Sales Contact Details

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