

Colorcoat® SDP 35

A robust pre-painted steel for roof and wall cladding.

Colorcoat SDP 35 is a pre-painted steel product, suitable for building envelope applications.

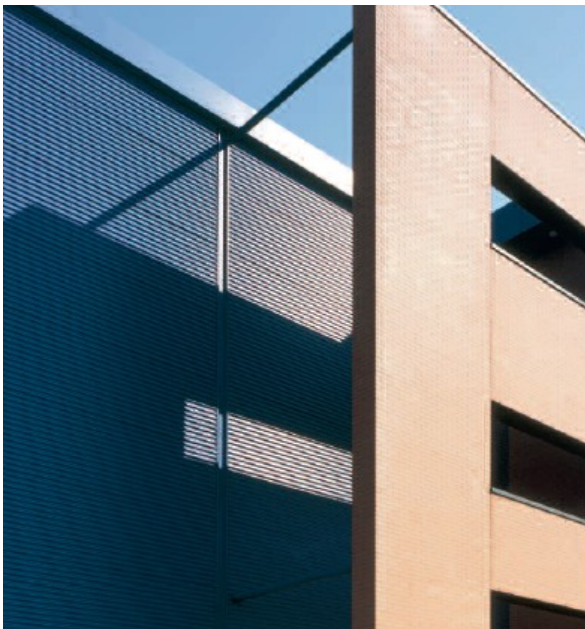
- Smooth (SDP 35 S) or lightly textured (SDP 35 T) 35µm coating for an improved robustness.
- Galvanised substrate produced with a MagiZinc® or Zinc metallic coating offering a very good corrosion resistance.
- Available in a wide range of colours with good colour retention.
- High Performance reverse side backing coat specifically formulated for construction applications.
- 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.
- A fit for purpose guarantee is available for up to 15 years.

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 35

Product performance

Colorcoat SDP 35 is carefully produced in a controlled process to ensure consistent quality. Colorcoat SDP 35 is suitable for roof and wall cladding systems.

Colorcoat SDP 35 is available in different textures and increased flexibility. Double sided and low gloss are optionally available.

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 15 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 of sunlight, chemicals and abrasion. All testing of products is carried out in specialised laboratories to international standards.

Typical Properties

Colorcoat® SDP 35	Test norm	
Nominal organic coating thickness	35 µm	EN 13523 - 1
Gloss level (60°)		
SDP 35 S (Smooth)	20 - 80%	EN 13523 - 2
SDP 35 T (lightly Textured)	20 - 70%	EN 13523 - 2
Scratch resistance (g)	> 3000	EN 13523 - 12
Flexibility:		
Minimal bending radius	1,5T@16°C	EN 13523 - 7
Adhesion	1T	EN 13523 - 7
Corrosion resistance		
Salt spray test	500 h	EN 13523 - 8
Condensation test	1000 h	EN 13523 - 26
Corrosion resistance class	RC4	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
- Other gloss levels are available.
- To meet the corrosion resistance properties, a Zinc weight of ZM140 gr/m² (MagiZinc) or Z275 gr/m² applies. On request ZM120 or Z225 gr/m² can apply as a minimum Zinc weight.

* 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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