

## Colorcoat® PVDF 35

A more durable coating for facade cladding

**Colorcoat® PVDF 35 is well suited for facade cladding with profiles or sandwich elements where good colour and gloss retention is important.**

- Smooth 35 µm coating with good gloss retention and color stability.
- Galvanised substrate produced with a Magizinc or Zinc metallic coating offering a very good corrosion resistance.
- Available in a range of solid and metallic colours.
- High-performance reverse side backing coat specifically formulated for the use in 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 20 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® PVDF 35

## Product performance

Colorcoat PVDF 35 is carefully produced in a controlled process to ensure consistent quality. Colorcoat PVDF 35 is suitable for wall cladding systems and panels. The actual durability of Colorcoat PVDF 35 in any particular location will depend upon the exact specification. 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 20 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® PVDF 35		Test norm
Nominal organic coating thickness	35 µm	EN 13523 - 1
Gloss level (60°)	15 - 40%	EN 13523 - 2
Scratch resistance (g)	> 2000	EN 13523 - 12
Flexibility:		
Minimal bending radius	2T@16°C	EN 13523 - 7
Adhesion	1T	EN 13523 - 7
Corrosion resistance		
Salt spray test	500 h	EN 13523 - 8
Condensation test	1500 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](http://www.tatasteelnederland.com)
- To meet the corrosion resistance properties, a Zinc weight of ZM140 gr/m<sup>2</sup> (MagiZinc) or Z275 gr/m<sup>2</sup> applies. On request Z225 gr/m<sup>2</sup> 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](http://www.tatasteelnederland.com/products)

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