

## Colorcoat® PVDF 35

### Long lasting coating solution for wall cladding

Colorcoat® PVDF 35 is particularly well suited to building envelope applications such as wall cladding and panels, where good colour and gloss retention are important.

- Smooth 35 µm coating offering good gloss retention and colour stability.
- Galvanised substrate offering very good corrosion resistance.
- Available in a wide range of colours.
- High-performance reverse side backing coat specially formulated for use in construction applications.

#### Colorcoat® reassurance

The Colorcoat® brand provides the recognised mark of quality and expertise from Tata Steel. Encompassing over forty years of innovation, strict testing procedures and manufacturing excellence, Colorcoat® provides a range of pre-finished steel products which have been used on countless projects worldwide.

#### Tailored solutions

For any customised requirements, MyriaPlus® can meet your needs with shorter lead times, flexible quantities and further processing.

For further information, please visit [www.myriadservice.com](http://www.myriadservice.com)



# Colorcoat® PVDF 35

## Product performance

Colorcoat® PVDF 35 is carefully manufactured in a controlled process to ensure consistent quality. Colorcoat® PVDF 35 is suitable for wall cladding systems and panels where a very good corrosion and UV resistance is expected.

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 suitable for different environments and applications.

## Guarantee period

A fit for purpose guarantee is available. The actual duration of the guarantee will depend on the environment, geographical location and application.

## Product testing

To ensure the integrity of 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 accredited laboratories to international standards.

## Typical properties

Colorcoat® PVDF 35			Test standard
Nominal organic coating thickness	µm	35	EN 13523 - 1
Specular gloss (60°)	%	15 - 40	EN 13523 - 2
Scratch resistance	g	≥ 2000	EN 13523 - 12
Abrasion resistance (Taber, 250 rev., 1 kg, CS10 wheels)	mg	≤ 30	EN 13523 - 16
Flexibility: Minimum bend radius	T	2T	EN 13523 - 7
Adhesion	T	≤ 1T	EN 13523 - 7
Corrosion resistance: Salt spray Humidity	hours hours	750 1500	EN 13523 - 8 EN 13523 - 26
Corrosion resistance category		RC4	EN 10169:2010
UV resistance category		Ruv4	EN 10169:2010

### General Notes

- The figures contained in this table are typical properties and do not constitute a specification. For details on test methods, see [www.colorcoat-online.com](http://www.colorcoat-online.com)
- To meet the corrosion resistance properties, a zinc weight of 2275g/m<sup>2</sup> applies. On request 2225g/m<sup>2</sup> can apply as a minimum coating weight.

## Contact details

[www.colorcoat-online.com](http://www.colorcoat-online.com)

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