

## Colorcoat® PVDF

### Thin coating solution for wall cladding

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

- Smooth 25µm coating offering good colour retention and stability.
- Galvanised substrate with Zinc or MagiZinc® metallic coating offering very good corrosion resistance.
- Available in a range of solid and metallic colours.
- High-performance reverse side backing coat specially formulated for use in construction applications.

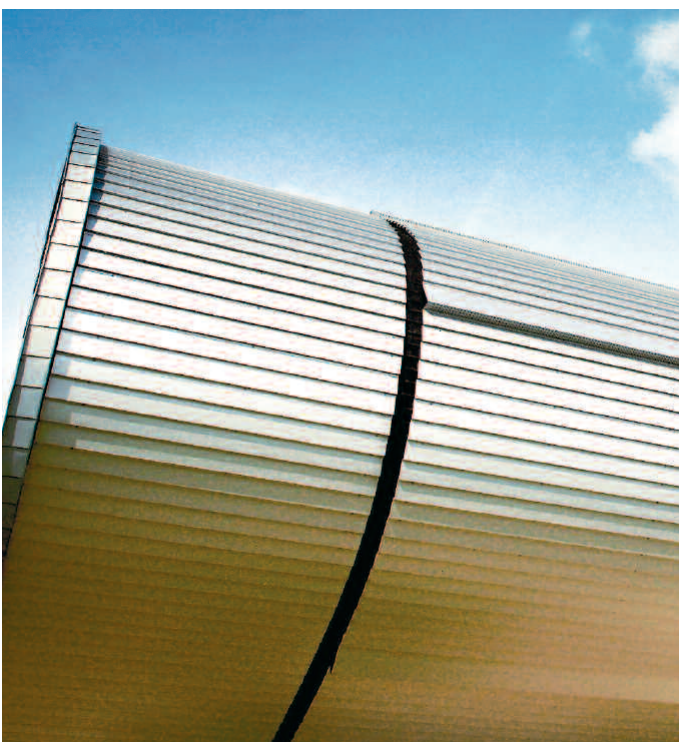
### Colorcoat® reassurance

The Colorcoat® brand provides the recognised mark of quality and expertise from Tata Steel. Encompassing over fifty 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 contact Tata Steel.



# Colorcoat® PVDF

## Product performance

Colorcoat® PVDF is carefully manufactured in a controlled process to ensure consistent quality. Colorcoat® PVDF is suitable for wall cladding systems and panels.

The actual durability of Colorcoat® PVDF in any particular location will depend upon the exact specification. The use of Colorcoat® PVDF in distinctly marine and heavily industrialised environments is not recommended.

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, geographic 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 specialised laboratories to international standards.

## Typical properties

Colorcoat® PVDF			Test standard
Nominal organic coating thickness	µm	25	EN 13523 - 1
Specular gloss (60°)	%	15-40	EN 13523 - 2
Scratch resistance	g	2000 g	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	hours	500	EN 13523 - 8
Humidity	hours	1000	EN 13523 - 26
Corrosion resistance category		RC3 <sup>2</sup>	EN 10169
UV resistance category		Ruv4	EN 10169
Reaction to fire classification*		A1	EN 13501 - 1

### General notes

1. 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)
  2. To meet the corrosion resistance properties, a Zinc weight of Z275g/m<sup>2</sup> or MagiZinc® ZMA140g/m<sup>2</sup> applies. On request Z225g/m<sup>2</sup> can apply as a minimum coating weight.
- \* Fire classification is subject to gauge. Double sided option is not tested and quoted fire classification may therefore not be applicable. Please contact Tata Steel for further information.

## Contact details

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

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