

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 35µm 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 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 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 specialised 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	hours	750	EN 13523 - 8
Humidity	hours	1500	EN 13523 - 26
Corrosion resistance category		RC4 ²	EN 10169
UV resistance category		Ruv4	EN 10169

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
2. To meet the corrosion resistance properties, a Zinc weight of 2275g/m² or MagiZinc® ZMA140gr/m² applies. On request 2225g/m² can apply as a minimum coating weight.

Contact details

www.colorcoat-online.com

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