

## Colorcoat® PE 25

The cost effective pre-finished steel for undemanding applications

Colorcoat® PE 25 is an economic product suitable for undemanding roof and wall applications particularly in non-aggressive environments.

- Smooth 25µm polyester coating.
- Galvanised substrate with Zinc or MagiZinc® metallic coating offering very good corrosion resistance.
- Available in the most popular cladding 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)



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## Product performance

Colorcoat® PE 25 is carefully manufactured in a controlled process to ensure consistent quality. Colorcoat® PE 25 is suitable for wall cladding systems, profiles and panels, and can be used as an economical alternative for roofing applications in non-aggressive environments.

Colorcoat® PE 25 is available in different textures with increased flexibility, double sided or matt options.

The use of Colorcoat® PE 25 in distinctly marine and heavily industrialised environments is not recommended. Tata Steel has a range of Colorcoat® pre-finished steel 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 accredited laboratories to international standards.

## Available with Absorb®

As an additional option Colorcoat® PE 25 is also available with Absorb®, a condensation regulating product delivered ready for profiling.

Absorb® is a non-woven fleece which is heat applied on the reverse side during a continuous manufacturing process.

The typical applications for Absorb® are in cold roofing applications, where condensation problems occur such as: Industrial (production shop floors), Agricultural (farm livestock buildings) and public buildings. For more details please see the Absorb® product datasheet.

## Typical properties

Colorcoat® PE 25			Test standard
Nominal organic coating thickness	µm	25	EN 13523 - 1
Specular gloss (60°)	%	30 - 50	EN 13523 - 2
Abrasion resistance (Taber, 250 rev., 1 kg, CS10 wheels)	mg	< 30 max.	EN 13523 - 16
Flexibility: Minimum bend radius	T	3T	EN 13523 - 7
Adhesion	%	100% Pass	EN 13523 - 6
Corrosion resistance: Salt spray Humidity	hours hours	360 1000	EN 13523 - 8 EN 13523 - 26
Corrosion resistance category		RC3	EN 10169:2010
UV resistance category		Ruv3	EN 10169:2010
Reaction to fire		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 Z275 or MagiZinc® ZMA140 gr/m<sup>2</sup> applies. On request Z225 can apply as minimum coating weight.

## Contact details

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

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