

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



Colorcoat® PE 25

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	hours	360	EN 13523 - 8
Humidity	hours	1000	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
2. To meet the corrosion resistance properties, a zinc weight of Z275 or MagiZinc® ZMA140 gr/m² applies. On request Z225 can apply as minimum coating weight.

Contact details

www.colorcoat-online.com

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