

Colorcoat® PE 25 HC

A cost effective pre-finished steel with a silky finish

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

- Structured nominal 30µm modified polyester coating.
- Galvanised substrate with a Zinc 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 almost 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.



Colorcoat® PE 25 HC

Product performance

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

The use of Colorcoat® PE 25 HC 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.

Typical properties

Colorcoat® PE 25 HC			Test standard
Nominal organic coating thickness	µm	30	EN 13523 - 1
Specular gloss (60°)	%	6 - 12	EN 13523 - 2
Abrasion resistance (Taber, 250 rev., 1 kg, CS10 wheels)	mg	< 30 max.	EN 13523 - 16
Flexibility: Minimum bend radius	T	1T - 2T	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 applies. On request Z225 can apply as minimum coating weight.

Contact details

www.colorcoat-online.com

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