

Colorcoat® PE 25 HC

A cost-effective pre-painted steel with a silky finish

Colorcoat® PE 25 HC is an economic pre-painted steel suitable for roof and wall applications particularly in C2 and C3 environments.

- Structured nominal 30 µm modified polyester coating.
- Galvanised substrate with a MagiZinc® metallic coating offering a good corrosion resistance.
- Available in the most popular roof colours.
- High-performance reverse side backing coat specially formulated for use in construction applications.
- The product has a low carbon footprint, optionally available with Lower Embodied Carbon and Zeremis® Carbon light (mass-balanced).
- A third party verified EPD is available.
- Fully REACH compliant.
- A fit for purpose guarantee is available for up to 15 years.

MyriaPlus®

Tailored solutions and services

For any customized requirements, Tata Steel can meet your needs with shorter lead times, flexible quantities and further processing. Our technical support team is on hand to help you to define:

- The best solution in view of the application and the manufacturing process.
- The precautions to be taken regarding the end use of this product.



Colorcoat® PE 25 HC

Product performance

Colorcoat® PE 25 HC is carefully produced in a controlled process to ensure consistent quality. Colorcoat PE 25 HC is suitable for roof and 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 pre-painted products suitable for different environments and applications.

Guarantee period

A fit for purpose guarantee is available for up to 15 years. The actual duration of the guarantee will depend on the environment, geographic location and application.

Product testing

To ensure the integrity of the 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® PE 25 HC		Test norm
Nominal organic coating thickness	30 µm	EN 13523 - 1
Gloss level (60°)	6 - 12%	EN 13523 - 2
Flexibility:		
Minimal bending radius	2T@16°C	EN 13523 - 7
Adhesion	1T	EN 13523 - 7
Corrosion resistance		
Salt spray test	360 h	EN 13523 - 8
Condensation test	1000 h	EN 13523 - 26
Corrosion resistance class	RC3	EN 10169
UV resistance	Ruv3	EN 10169
Reaction to fire, Class*)	A1	EN 13501 - 1

Notes

- The figures contained in this table are typical properties of the topcoat and do not constitute a specification. For details on test methods see www.tatasteelnederland.com
- To meet the corrosion resistance properties, a Zinc weight of ZM120 gr/m² (MagiZinc) or Z275 gr/m² applies. On request Z225 gr/m² can apply as a minimum Zinc weight.

* Fire classification is subject to gauge. Double sided options are available, please contact Tata Steel for further information.

www.tatasteelnederland.com/products

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Tata Steel IJmuiden B.V.

Tata Steel Nederland
Wenckebachstaat 1
1951 JZ Velsen-Noord
The Netherlands

Tata Steel Maubeuge SAS
22, Av. Jean de Beco
59720 Louvroil
France

E: connect.colors@tatasteeleurope.com
CO:PDF:Eng 0225