TATA STEEL

Colorcoat® SDP 35
Robust pre-finished steel for roof and wall cladding

Colorcoat® SDP 35 is a pre-finished steel product suitable for building envelope applications.

■ Smooth or lightly textured 35µm coating for improved robustness.

■ Galvanised substrate produced to EN 10346:2015 with a Zinc or MagiZinc® metallic coating offering very good corrosion resistance.

■ Available in a wide range of colours with good colour retention.

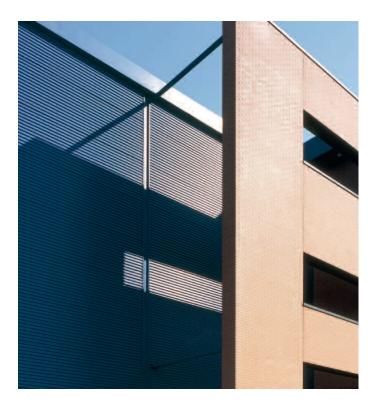■ High performance reverse side backing coat specifically formulated for construction applications.

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.

www.colorcoat-online.com

Colorcoat® SDP 35

Product performance

Colorcoat® SDP 35 is carefully manufactured in a controlled process to ensure consistent quality. Colorcoat® SDP 35 is suitable for roof and wall cladding systems.

Colorcoat® SDP 35 is available in different textures and increased flexibility. Double sided and low gloss options are offered.

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, 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 specialised laboratories to international standards.

Typical properties

Colorcoat® SDP 35			Test standard
Nominal organic coating thickness	μm	35	EN 13523 - 1
Specular gloss (60°)	%	20 - 40	EN 13523 - 2
Scratch resistance	g	> 3000	EN 13523 - 12
Abrasion resistance (Taber, 250 rev, 1kg, CS10 wheels)	mg	< 20	EN 13523 - 16
Flexibility: Minimum bend radius	T	≤ 1.5T	EN 13523 - 7
Adhesion	T	≤ 1T	EN 13523 - 7
Corrosion resistance: Salt spray Humidity	hours hours	500 1000	EN 13523 - 8 EN 13523 - 26
Corrosion resistance category		RC4[2]	EN 10169
UV resistance category		R$_{UV}$4	EN 10169
Reaction to fire classification*		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 Z275g/m^2 or MagiZinc® ZMA140 gr/m^2 applies. On request Z225g/m^2 can apply as a minimum coating weight.

* Fire classification is subject to gauge. Double sided option is not tested and quoted fire classification may therefore not be applicable. Please contact Tata Steel for further information.

Contact details

www.colorcoat-online.com