

Colorcoat® SDU 50

The more durable alternative to PVDF (Pvf2)



Colorcoat® SDU 50 is a high-build pre-finished steel product, which provides a more durable alternative to PVDF (Pvf2) with comparable aesthetic performance.

- Attractive, lightly textured 50 µm coating providing improved scratch and abrasion resistance.
- Galvanised substrate produced to EN 10326 / 10327 with a zinc metallic coating offering very good corrosion resistance.
- Available in popular solid colours and RAL 9006 and 9007 metallic colours all with excellent colour and gloss retention.
- 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 Corus. 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.

Colorcoat® SDU 50

Product performance

Colorcoat® SDU 50 is carefully manufactured in a controlled process to ensure consistent quality. Colorcoat® SDU 50 is suitable for roof and wall cladding systems.

The durability of Colorcoat® SDU 50 is derived from the galvanised substrate and the high performance pre-treatment primer and robust topcoat. This provides a greater level of durability than is available with industry standard products such as PVDF (Pvf2).

Colorcoat® SDU 50 is also available in different textures and increased flexibility. Corus has a range of Colorcoat® 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 Colorcoat® products, Corus 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® Product	SDU 50	Test standard
Nominal organic coating thickness	50 µm	EN 13523 - 1
Specular gloss (60°)	20 - 40 %	EN 13523 - 2
Scratch resistance	> 3000 g	EN 13523 - 12
Abrasion resistance (Taber, 250 rev, 1 kg, CS10 wheels)	< 20 mg	EN 13523 - 16
Flexibility – Minimum bend radius	1 T	EN 13523 - 7
Adhesion	100 % Pass	EN 13523 - 6
Corrosion resistance – Salt spray	1000 hours	EN 13523 - 8
Humidity	1500 hours	EN 13523 - 25
UV resistance	Excellent	EN 10169
Fire classification	A2	EN 13501 - 01
Minimum forming temperature	-10° C	Corus

General notes

The figures contained in this table are typical properties and do not constitute a specification. These figures relate to the topcoat and solid colours. For details on test methods see www.colorcoat-online.com

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