

Colorcoat Prisma® - Textured

Aesthetics that last. Guaranteed

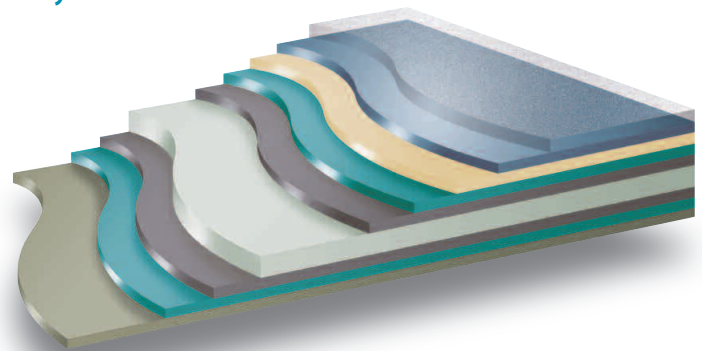
Colorcoat Prisma® utilises cutting edge three layer manufacturing technology to create an optimised and robust pre-finished steel product now available in a textured finish.

Product benefits:










- Revolutionary 3 layer coating technology, with an optimised thicker clearcoat to achieve a true textured effect.
- The most matt option as part of the Colorcoat Prisma® range with gloss less than 5%.
- Meets the highest European standards for corrosion and UV resistance (Ruv4 and RC5 as per EN 10169).
- Robust and durable topcoat for easier handling and processing.
- Confidex® Guaranteed for up to 40 years for the weatherside of the product when used for industrial and commercial buildings. Additionally the Confidex® Guarantee has no inspection or maintenance requirement to maintain its validity except when Colorcoat Prisma® is used on a roof or wall that has a Photovoltaic (PV) installation.
- Optimised Galvalloy® metallic coating for ultimate corrosion resistance and cut edge protection.
- Independently tested for liberation of volatile organic compounds (VOC) against EN ISO 16000-9 and achieved an A+ rating.
- Fully REACH compliant & free of chromates including hexavalent chrome.
- Made in the UK. Certified to BES 6001 Responsible Sourcing Standard.

Colorcoat Prisma® by Tata Steel

3 layers - Textured



Key:

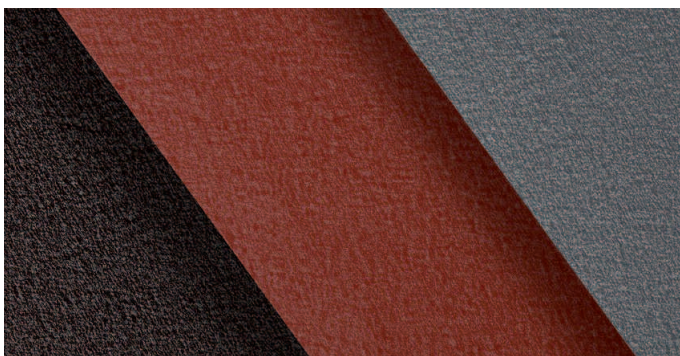
 20µm additional protective textured clear layer	 Base steel substrate
 25µm coloured layer with polyamide beads	 Galvalloy® metallic coating
 25µm corrosion resistant primer	 Pre-treatment
 Pre-treatment	 High performance backing coat
 Galvalloy® metallic coating	

Typical applications

Colorcoat Prisma® with a textured clearcoat has a nominal thickness of 70 microns and makes it an ideal choice for both roof and wall cladding of commercial, retail, warehouse, public sector and superior aesthetic buildings. The end result provides a natural effect with the illusion of depth giving a sophisticated high end building finish.

Galvalloy®

Colorcoat Prisma® uses the unique and proven Galvalloy® metallic coating by Tata Steel. Galvalloy® is made with a special mix of 95% Zinc (Zn) and 5% Aluminium (Al) that conforms to EN 10346:2015. The carefully developed proportions of Zinc and Aluminium in Galvalloy® offers a combination of increased barrier and sacrificial protection when compared with conventional Hot Dip Galv (HDG) coatings and provides unrivalled corrosion protection, even at the cut edges.



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Colour availability

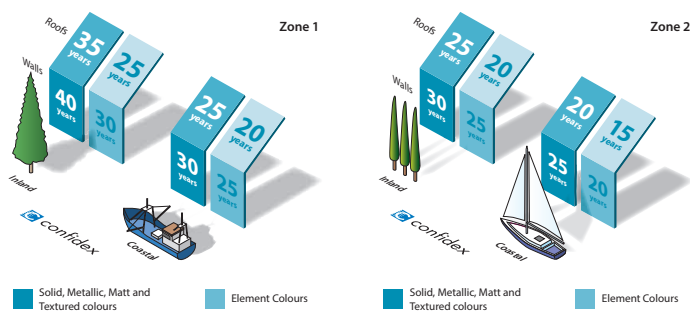
Any Solid or Metallic shade that is found on the Colorcoat Prisma® colourcard is available with a textured clearcoat. For physical hand samples please contact the Colorcoat Connection® helpline.

Colour information is available related to each Textured, Solid and Metallic shade including Solar Reflective Index (SRI), Steady State Surface Temperature (SSST) and Light Reflectance Values (LRV), please contact us for more information.

In addition, through our Repertoire® colour consultancy service, we can match almost any Solid colour which can be produced with a textured clearcoat. With a minimum order quantity of 5,000m², this gives a wide choice of options for your building.

Confidex® Guarantee

Confidex® is the product performance guarantee for Colorcoat Prisma®, when used in an external conventional building envelope application of roof and wall cladding systems. This includes single skin, built-up or composite panel construction in industrial and commercial buildings.



Notes

- Figures under the Coastal heading are for buildings within 1 km of any coast.
- Full terms and conditions of the Confidex® Guarantee are on the online application form, available at www.colorcoat-online.com/registration
- Confidex® must be registered within 3 months of the building completion date for the guarantee to be valid.
- The Confidex® Guarantee periods on the diagram above are applicable to Zone 1 and Zone 2. For more information on other zones visit www.colorcoat-online.com/confidexmap

Typical properties

Colorcoat Prisma® - Textured			Test standard
Nominal organic coating thickness: Textured	(µm)*	70	EN 13523-1
Specular gloss (60°): Textured	(%)	<5	EN 13523-2
Scratch resistance: Textured	(g)	>3000	EN 13523-12
Abrasion resistance: (Taber, 250 rev. 2 kg, CS10) Textured	(mg)	<18	EN 13523-16
Flexibility: Minimum bend radius	(T)	0.5T@16°C	EN 13523-7
Reverse impact	(J)	≥18	EN 13523-5
Adhesion (cross hatch)	%	100	EN 13523-6
Pencil hardness		H	EN 13523-4
Maximum continuous operating temperature	°C	90	
Corrosion resistance: Salt spray	(h)	1000	EN 13523-8
Humidity	(h)	1500	EN 13523-26
Corrosion resistance category		RC5 CPI5	EN 10169
UV category		Ruv4	EN 10169

*µm = micron

Notes

- The figures contained in this table are typical properties and do not constitute a specification. Tested in accordance with EN 13523. For details on test methods visit www.colorcoat-online.com
- For health and safety datasheets contact the Colorcoat Connection® helpline on +44 (0) 1244 892434.

Fire performance

Reaction to fire

Colorcoat Prisma® - Textured has been tested to EN 13823 and EN ISO 1716 and can be classified in accordance with EN 13501-1 as A2-s1, d0. This classification is valid for all gauges ≥ 0.47mm and for all colours in the product range for single sided product.

Performance of roof coverings

Colorcoat Prisma® - Textured is deemed to satisfy, without the need for further testing, the requirements for external fire performance of roof covering products in accordance with Commission Decision 2000/553/EC. This is valid for all gauges ≥ 0.4mm and for all colours in the product range for single sided product.

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