

Colorcoat Absorb®

The condensation regulating product for cold roofing applications

Absorb® is a condensation regulating product applied on Colorcoat® pre-finished steel products by Tata Steel delivered ready for profiling.

- Non-woven polyester fleece is heat applied on the reverse side in a continuous process.
- 7, 12 or 25 µm backing coat.
- Applied to products with a galvanized substrate with Zinc metallic coating offering good corrosion resistance.
- Delivered ready for profiling.
- Available on products with a large number of paint systems on the top side.

Colorcoat® reassurance

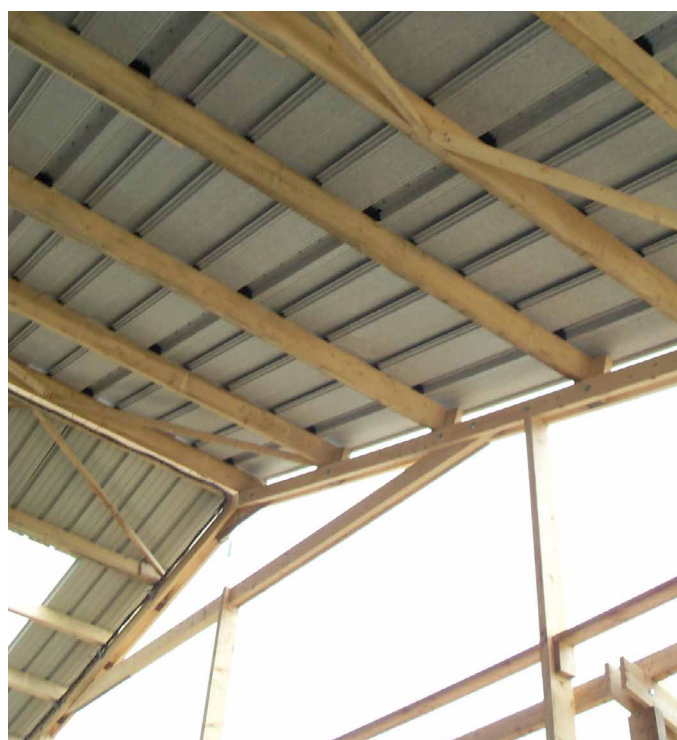
The Colorcoat® brand provides the recognised mark of quality and expertise from Tata Steel.

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.

Tailored solutions

For any customised requirements, MyriaPlus® can meet your needs with: shorter lead times, flexible quantities and further processing.

For further information, please visit www.myriadservice.com



Colorcoat Absorb®

Product Performance

Absorb® is carefully manufactured in a controlled continuous process to ensure a regular application of the non-woven maximising the productivity of the profiling line. The complete system with the 7, 12 or 25 µm reinforced reverse side coating offers an excellent corrosion resistance.

The fleece is heat applied offering strong adhesion of the non-woven fleece. The high absorption level enables an efficient use in the most of the industrial and agricultural buildings. The 100% polyester non-woven fleece makes Absorb® naturally protected against the development of fungi without anti-fungi treatment. Current professional regulations for profiling, storage and installation must be adhered to.

Typical applications

The typical applications for Absorb® are in cold roofing, where condensation problems occur such as; Industrial (production shop floors), Agricultural (farm livestock buildings), Public building.

Guarantee period

A fit for purpose guarantee is available. The actual duration of the guarantee will depend on the environment, geographical 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

Absorb®		Test standard	
Nominal back coat thickness	µm	7, 12 or 25	EN 13523-1
Nominal glue thickness	µm	15 - 25	EN 13523-1
Non-woven film weight	g/m ²	110	EN 29073-1
Non-woven film composition	%	100% synthetic fibres PE	
Colours available		dark grey light grey (on request)	
Non-woven film thickness on strip	µm	400 - 500	
Water absorption capacity	g/m ²	> 550g/m ² CSTB report: N°. CPM 09/260 - 19858 A2	NF P 15-203-1 appendixC
Drying time	hours	< 4h CSTB report: N°. CPM 09/260 - 19858 A2	NF P 15-203-1 appendixC
Resistance to microfungi		Inert material No visible growth CSTB report: N°. ESE Santé 2010 - 022	NF EN ISO 846 NF V 18.122
Fire classification		B - s1, d0 CSTB report: N°. RA10 -0090	NF EN 13501-1
Humidity	hours	7 µm: 1000 h (CPI3) 12 µm: 1000 h (CPI3) 25 µm: 1500 h (CPI4)	EN 13523 - 25
Corrosion résistance - Neutral salt spray	hours	360	EN 13523 - 8

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

Contact

www.colorcoat-online.com

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