

Advantica® L Decor Internal

An aesthetic laminate developed for the manufactured goods market

Applications

- Doors, ceilings, furniture, HEVAC, partition walls.

Characteristics

- Available in smooth, textured or printed appearance.
- Excellent robustness and formability.
- Excellent corrosion resistance.

Substrates available

- Hot-dip Galvanised to EN 10346.

Options

- Shade, pattern and texture on request.
- Alternative backing coats available.
- Protective film.

Advantica® working with you

The Advantica® brand provides a range of pre-finished steel products specially formulated for manufactured goods and widely used for diverse applications. The Advantica® product range is available in a wide range of colours, with solid or metallic effects as well as bespoke finishes tailored to individual needs. With continuous investment in research and development Tata Steel constantly update the product portfolio to ensure that they can meet the requirements of the manufactured goods sector.

Tailored solutions and services

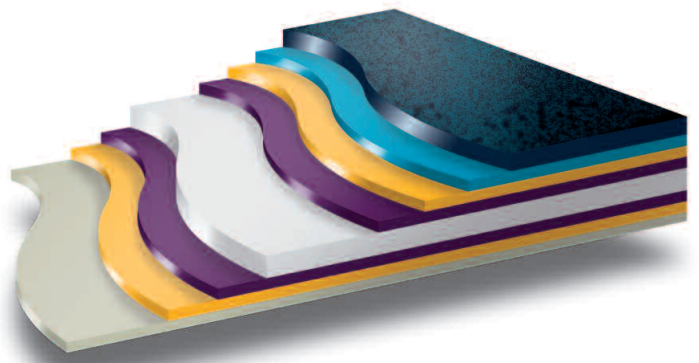
For any customized requirements, Tata Steel can meet your needs with shorter lead times, flexible quantities and further processing.

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.

For further information, please visit www.tatasteelconstruction.com

Product structure



Key

 Polyvinyl Chloride film	 Adhesive	 Surface treatment
 Metallic coating	 Steel	 Backing coat

Advantica® L Decor Internal

Product testing

To ensure the integrity of the Advantica® products, Tata Steel uses laboratory tests to measure their performance against corrosion, chemicals and abrasion. All testing of products is carried out to international standards.

Forming and processing

The Advantica® products can be formed and processed with various techniques including: cutting, shearing, notching, piercing, slitting, press braking, folding, roll forming, spinning and deep drawing.

Cleaning and maintenance

All Advantica® products can be cleaned with commercially available, water based cleaning products. The use of abrasive cleaners or scouring pads is not recommended. For controlled environments, ensure that the cleaner is compatible with the pre-finished steel product used on.

Typical properties

Advantica® L Decor Internal			Test standard
Nominal organic coating thickness	µm	120 to 200	EN 13523 - 1
Adhesion after indentation		Pass	EN 13523 - 6
Flexibility (minimum bend radius)	T	1	EN 13523 - 7
Scratch resistance	g	4000	EN 13523 - 12
Abrasion resistance (Taber, 250 rev. 1 kg, CS10 wheels)	mg	< 15	EN 13523 - 16
Corrosion resistance: Neutral salt spray	hours	500	EN 13523 - 8
Humidity resistance	hours	1500	EN 13523 - 26

Notes

The figures contained in this table are typical properties and do not constitute a specification. If forming pre-finished steel below 16°C please consult Tata Steel for further information.

Corrosion and humidity performance subject to specification such as minimal metallic coating weight.

Contact details

www.tatasteelconstruction.com

Trademarks of Tata Steel UK Limited

Advantica is a registered trademark of Tata Steel UK Limited.

Care has been taken to ensure that the contents of this publication are accurate, but Tata Steel Europe Limited and its subsidiaries, (including Tata Steel UK Limited), do not accept responsibility or liability for errors or information that is found to be misleading. Suggestions for, or descriptions of, the end use or application of products or methods of working are for information only and Tata Steel Europe Limited and its subsidiaries accept no liability in respect thereof.

Before using products or services supplied or manufactured by Tata Steel Europe Limited and its subsidiaries, customers should satisfy themselves as to their suitability.