

Woodgrain print

For interior applications

Tata Steel offers a market leading range of coated Woodgrain Prints, unique in appearance and surface texture. These are available in a range of standard patterns.

Comprising three layers of organic coatings, Woodgrain Print can be applied to steel or aluminium substrates. These cost competitive products offer technical benefits against competing systems and are designed to meet the quality standards required for an extensive range of indoor applications.

Woodgrain Print is designed with a textured external hardcoat providing superior abrasion resistance when compared with competing products.

It is suitable to perform a wide range of forming operations including drawing, pressing, stamping, roll forming, bending and profiling.

In addition, it is possible to produce a close impression of almost any woodgrain pattern using computer modelling and utilizing state of the art laser guided roll cutting technology. This provides an almost unlimited range of possible woodgrain print patterns and colour effect combinations.

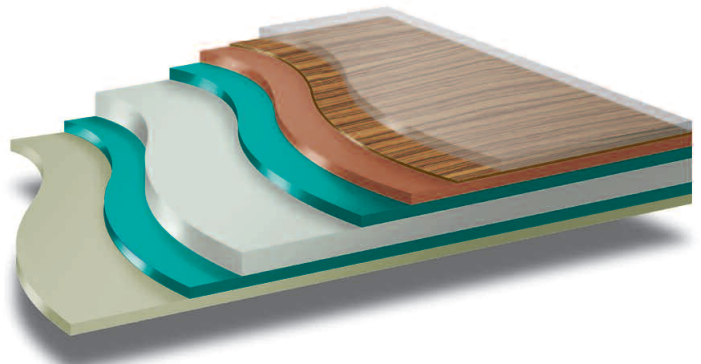
On the reverse surface, a decorative coating or RA backer can be applied.

Applications






- Office, kitchen and bedroom furniture.
- Small domestic appliance covers and trim.
- Wood effect panelling.
- Many other interior uses.

Woodgrain print for interior applications

Cold reduced steel or aluminium.



Key

 Protective clear coat (12µm)	 Steel or aluminium substrate
 Print layer (1µm)	 Pre-treatment
 Polyester base colour (12µm)	 Backing coat

Key properties

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Nominal paint thickness	µm	25
Gloss (Gardner 60°)	%	20-45
Adhesion (minimum bend)	T	0
Resistance to cracking on bending	T	<1
Pencil hardness (minimum)		3H
Scratch resistance (minimum)	g	2500

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Dimensional capability

Products are available in a range of widths from 6.5mm up to a maximum of 560mm and in gauges from 0.15mm to 1.2mm for both ferrous and aluminium substrates.

For applications where damage may occur during forming or drawing, handling or transit, products can be supplied with an additional plastic protective film.

Substrate compositions

- Cold reduced steel to EN 10130.
- Hot dipped galvanised steel to EN 10346.
- Aluminium and alloys to EN 573, EN 485, EN 515.

Compliance statement

Woodgrain print products are free of hexavalent chrome, heavy metals and Substances of Very High Concern and as such fully comply with the requirements of the REACH Regulation (EC) No. 1907/2006.

Contact Tata Steel for more information and technical advice or to request samples.



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