

Granite® Wood

Long-lasting, maintenance-free timber aesthetics for building facades

ArcelorMittal has developed a material to enable you to create modern or traditional buildings with a natural wood appearance, combined with the advantages of steel.

Granite® Wood is part of our new Nature range of organic coated products, which are completely free of environmentally harmful hexavalent chromium and heavy metals, whether in surface treatments or in primers and finishing coats of paint, and offer many advantages:

- **Elegance and simplicity:** attractive wood finish with the added bonus of easy assembly and maintenance.
- **A wide choice:** a variety of types of wood is available, with guaranteed reproducibility.
- **Long-term performance:** Granite® Wood is subjected to a battery of tests in the laboratory and at outdoor exposure sites to guarantee you the best possible product performance. Up to 10 years' guarantee, depending on the environment, on Z225 substrate or equivalent (ZA200), against perforation of the metallic substrate is granted. Non-peeling of the paint film is also guaranteed.

Applications

Designed for cladding applications.

Forming

It is suitable for profiling and deep drawing processes and can be assembled using joining techniques such as clinching, riveting and adhesive bonding.

Dimensional feasibility

Granite® Wood	Thickness (mm)	Min width (mm)	Max width (mm)
Tatras Collection	0.5-1.2	600	1250
	0.3-1.2	660	1500
Toscane Collection	0.3-1.5	660	1250
	0.3-1.8	600	1000
Schwarzwald Collection	0.4-2	30	1520
	The complete width range is available for thicknesses between 0.5 and 1.5 mm		



Innovative organic coated steel for sustainable building solutions,

Inspired by Nature

Main properties

Nominal paint thickness	35 microns
Gloss (Gardner 60°)	Usual: 20 GU
Clemen scratch resistance	≥ 2 kg
Adhesion of the coating (T-bend)	≤ 1 T
Resistance to cracking on bending (T-bend)	≤ 2 T
Corrosion resistance (salt spray test)	360 hours / RC3 category in accordance with EN 10169 (from 2 to 5 (the best))
UV resistance (QUV test)	Use of paints and resins RUV4 in accordance with EN 10169 (from 2 to 4 (the best))
Condensation resistance	1000 hours in accordance with EN 13523-26
Fire classification	A1 in accordance with EN 13501-1

Colour palette

ArcelorMittal's Granite® Wood range of organic coated steels is available in a rich diversity of colours. To help you make your choice, ArcelorMittal offers a wide variety of options to suit your individual taste and special preferences. Diversity and originality will be your trademark.

Since it is important to see for yourself products that are chosen for their aesthetic appearance, feel free to ask our local agency to give you representative A4 samples of this colour palette.

To ensure quality and uniformity, we offer two standard colours for the reverse side of the strip: B 7032* and B 9002*. We have put in place a common quality assurance system in all our mills to enable us to guarantee that colours produced on all our lines conform to the standard.

For further information on the technical properties of the different products and durability guarantees, please consult our website: industry.arcelormittal.com > Products & Solutions

* RAL code that is the closest approximation

Tatras Collection



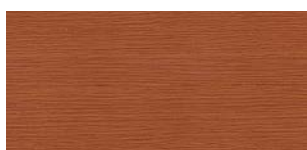
Oak Anticato



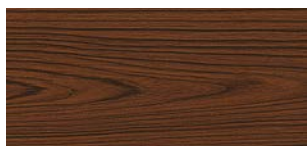
Oak Terracotta



Oak Golden



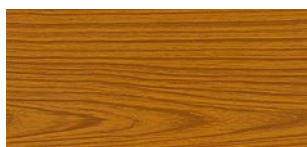
Oak Red



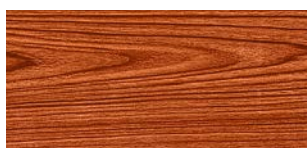
Palisander Anticato



Palisander Terracotta



Palisander Golden



Palisander Red

Toscane Collection



Mogano Avane



Mogano Castano



Mogano Bruno



Noce Nocciola



Noce Crema

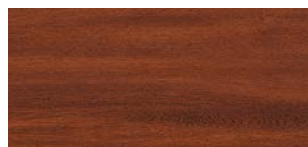


Noce Marrone

Schwarzwald Collection



Alder Beige



Alder Amber

Tatras Collection	ArcelorMittal colour code	Colour category	Nominal gloss (GU)
Oak Anticato	GWOA	3	20
Oak Terracotta	GWOT	3	20
Oak Golden	GWOG	3	20
Oak Red	GWOR	3	20
Palisander Anticato	GWPA	3	20
Palisander Terracotta	GWPT	3	20
Palisander Golden	GWPG	3	20
Palisander Red	GWPR	3	20

Toscane Collection

Mogano Avane	GWMA	4	30
Mogano Castano	GWMC	4	30
Mogano Bruno	GWMB	4	30
Noce Nocciola	GWNN	4	30
Noce Crema	GWNC	4	5
Noce Marrone	GWNM	4	30

Schwarzwald Collection

Alder Beige	GWAB	3	20
Alder Amber	GWAA	3	5

NB: Although we have taken great care to reproduce the colours in this palette, we cannot guarantee that they are a perfect representation. Consequently, these printed colour samples can only serve as a guide.

Credits

Images: Philippe Vandenameele, Jeroen Op de Beeck, ArcelorMittal Global R&D

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