

**A - WOOD**



*The Painted Metal Atelier*

# A-WOOD

The application of our many years of know-how in the world of pre-painted metals allows us to best satisfy the creative needs of **architecture** and **design** projects.

**A-Wood** is a product in our **Premium Collection** that combines the advantages of metal with the attractiveness of wood in its various **finishes**.

**Wood** is a noble material that symbolizes the cycle of life. Once used by great artists of the Italian Renaissance, like Giovan Battista Aleotti, for the creation of the Teatro Farnese in Parma, today wood plays an ever more prominent role in **ecosustainable** architecture. For famous professionals like John and Patricia Patkau, Glenn Marcutt, and Renzo Piano, it is a first choice material perfectly suited to the conscientious management of the climate features of the construction location.

Wood also lends projects **strength**, **sustainability**, and **flexibility**: with **A-Wood**, our **pre-painted metal Atelier** can create a wide range of finishes to satisfy every, increasingly sustainable, design requirement.



- > **Support:**  
aluminium, steel
- > **Colours available:**  
beige base with up to 6 different wood varieties by colour shade and grain
- > **Guarantee against corrosion:**  
up to 10 years
- > **Applications:**  
outdoor, indoor



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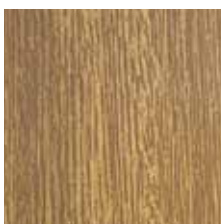
**A-Wood** is the result of a production process that can reproduce the colourations and characteristic finish of wood varieties on aluminium.

Applications include a **beige** base colour, a brown ink and a transparent coating, smooth or textured, on the top surface, and a foamable back coat with dry film.

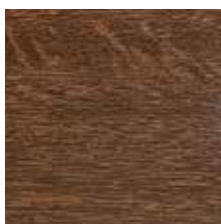
We can reproduce **six** different wood varieties in **colour** and **grain**. Can also be produced in PVD on request.



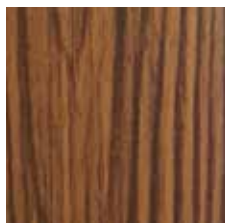
WHITE



LIGHT



DARK



WALNUT



BROWN OAK



CLEAR OAK



## TREATMENT

2 degreasings + chrome-free passivation

## TOP SURFACE

BASE: 11 - 13 microns

INK: 1 micron

TOP TRASPARENT:

14 - 16 microns

TOTAL THICKNESS:

28 - 36 microns

## BACK SURFACE

BACK COAT: 4 - 6 microns

foamable

Coating used: compliant with RoHS Directive

## Technical Features

TEST	VALUE	REFERENCE STANDARD
Thickness	28 - 36 µm**	EN 13523-1 (ECCA T1)
Gloss	30 ± 10 gloss	EN 13523-2 (ECCA T2)
Pencil hardness	F - H	EN 13523-4 (ECCA T4)
Adhesion on impact	100%	EN 13523-5 (ECCA T5)
Adhesion on forming	100%	EN 13523-6 (ECCA T6)
T.B. Adherence at 25° C	0T - 1T*	EN 13523-7 (ECCA T7)
T.B. Cracking at 25° C	0T - 2,5T*	EN 13523-7 (ECCA T7)
MEK	>/= 100 d.c.	EN 13523-11 (ECCA T11)

\* according to the characteristics of the support

\*\* the measured thickness (DFT) is apparent

## Feasibility

Coil width	min. 500 mm · max. 1,320 mm
Coil thickness	min. 0.3 mm · max. 1.5 mm
External coil diameter	min. 700 mm · max. 1,300 mm
Internal coil diameter	508 mm; 610 mm
Strip width	min. 20 mm



Find out about our applications



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