

Λ - MATCOPPER



The Painted Metal Atelier

A-MATCOPPER



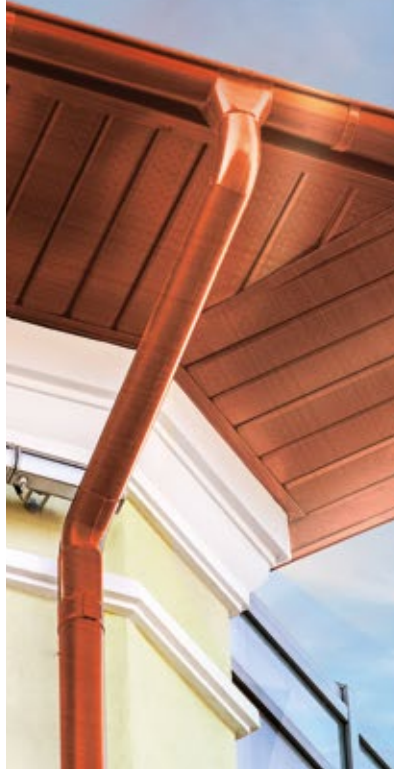
The application of our many years of know-how in the world of pre-painted metals allows us to best satisfy the creative needs of **architecture** and **design** projects.

A-MatCopper is our **Premium Collection** product inspired by copper.

Copper is a historical material already used by some of the oldest testified civilizations, and its history is estimated to extend back at least 10,000 years. It was used, for example, to mint coins in ancient times (as early as the IV century B.C., Servio Tullio ordered the minting of "pecuniæ" coins).

Today **copper's** formal, structural, and plastic properties are exploited in contemporary art, architecture, design, and technology.

With **A-MatCopper**, our **pre-painted metal Atelier** can offer a finish that recreates the effect of copper, to best satisfy every design requirement.



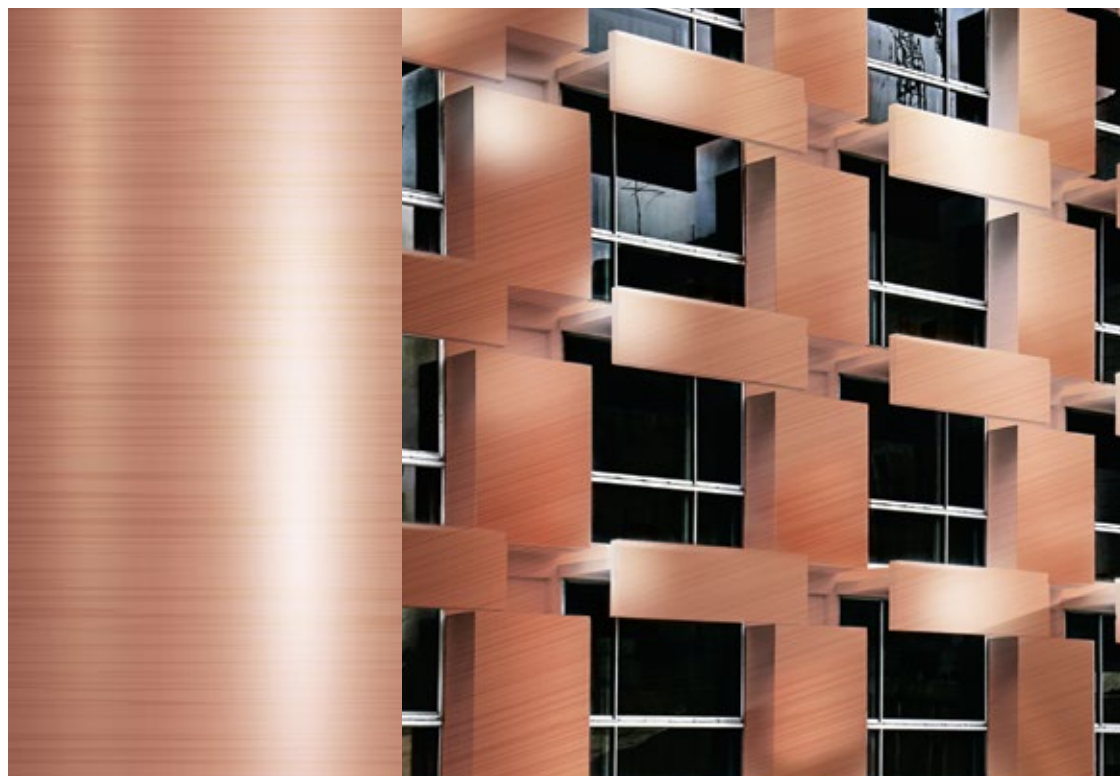
- > **Support:**
aluminium
- > **Guarantee:**
up to 5 years
- > **Applications:**
outdoor, tinsmithing



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A-MatCopper is the result of a pre-painting production process involving the application of **polyester paints** on aluminium support materials to achieve a finished appearance similar to copper.

The product is recommended for all outdoor uses (tinsmithing, cladding, etc.).



Find out about our applications



TREATMENT

2 degreasings + chrome-free passivation

TOP SURFACE

BASE: 5 - 6 microns
TOP COPPER: 15 - 17 microns

BACK SURFACE

BACK COAT: 4 - 6 microns
or MONOCOUCHE
14 - 16 microns

UV Radiation Resistance

Category: Ruv2

Coating used: compliant with RoHS Directive

Technical Features

TEST	VALUE	REFERENCE STANDARD
Thickness	20 - 23 µm	EN 13523-1 (ECCA T1)
Gloss	> 80	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 - 2T*	EN 13523-7 (ECCA T7)
MEK	> 100	EN 13523-11 (ECCA T11)

* according to the characteristics of the support

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



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