

Λ - TITANIUM



The Painted Metal Atelier

A-TITANIUM

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-Titanium is our **Premium Collection** product inspired by **titanium zinc**.

Titanium is characterized by its extremely high **strength** and it is an important element in **modern architecture**.

The Guggenheim Museum in Bilbao, also known for its very unusual shape as the "**titanium flower**", is the project that earned the starchitect Frank Gehry the appreciation of the wider public, thanks to the daring shapes and the splendour of the **titanium** facing.

With **A-Titanium** our **pre-painted metal Atelier** can offer a **titanium zinc** finish, to best satisfy every design requirement.



- > **Support:**
aluminium
- > **Guarantee:**
up to 10 years
- > **Applications:**
outdoor, roofs and façades,
tinsmithing



A-TITANIUM

A-Titanium is the result of a production process involving application of **paint** on aluminium to create a finish resembling **titanium zinc**.

The product is recommended for **outdoor** use (**tinsmithing, cladding, etc.**). Since the pattern includes multiple colours, it is not possible to give a Delta E value, although different runs can certainly be used together.

A more rugged appearance can be achieved by applying a transparent **wrinkled** finish.



Find out about our applications



TREATMENT

2 degreasings + chrome-free passivation

TOP SURFACE

PU BASE: 12 - 14 microns
 INK: 1 - 2 microns
 TOP TRASPARENT:
 VHD 14 - 16 microns

BACK SURFACE

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

UV Radiation Resistance
 Category: RUV3
 Coating used: compliant with
 RoHS Directive

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

Technical Features Transparent Super

TEST	VALUE	REFERENCE STANDARD
Thickness	25 - 30 µm	EN 13523-1 (ECCA T1)
Gloss	8 - 12	EN 13523-2 (ECCA T2)
Pencil hardness	HB - F	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	0.5T - 1T*	EN 13523-7 (ECCA T7)
T.B. Cracking at 25° C	1T - 1.5T*	EN 13523-7 (ECCA T7)
MEK	> 100	EN 13523-11 (ECCA T11)

* according to the characteristics of the support



Metalcoat

Plant

viale dei Mutilati e Invalidi del Lavoro, 263
63100 Ascoli Piceno
T +39 0736 249137

Sales office

via Antonio Stoppani, 10/C
24121 Bergamo
T +39 035 246509
info@metalcoat.it
www.metalcoat.it

Alusteel Coating

via Risorgimento, 19
26867 Somaglia, Lodi
T +39 0377 579700
info@alusteel.it
www.alusteel.it

Alpine Anodizing

via Friuli, 75
24055 Cologno al Serio, Bergamo
T +39 035 897128
info@alpineanodizing.it
www.alpineanodizing.it

Aleu - Aluminium Europe

piazza Francesco Buffoni, 5
21013 Gallarate, Varese
T +39 0331 1420010
info@aleu.it
www.aleu.it



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