



Λ - GLUING



The Painted Metal Atelier

A-GLUING



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 **automotive** projects.

A-Gluing is our **Premium Collection** product that gives **metal** certain characteristics of **PVC**.

With this advantage, **A-Gluing** is widely used in the **automotive market**, in particular for **interior and exterior components**, areas where PVC plastic materials are widely used, since they are inexpensive and light.

With guaranteed high performance (minimal corrosion, design freedom, flexible integration of components, safety, comfort, potential recyclability and compostability), today plastic materials make up **about 20%** of the weight of cars.

Thanks to a special treatment, **A-Gluing** can recreate the effects of **PVC** on metal, while significantly improving on its **performance**.



- > **Support:**
aluminium
- > **Applications:**
vehicles, product
for gluing



A-GLUING

A-Gluing is the result of a production process including application of a **polyurethane paint** that gives the metal **higher performance** than PVC, the most versatile and best known plastic material.

Thanks to this advantage, the product is widely used in the **automotive market**, in particular for the production of **internal and external components** (roof racks, dashboards, instrument dial frames, etc.).

The qualitative excellence of A-Gluing has allowed the product to be included in the **IMDS** (International Material Data System), the international system of data on materials of the automotive industry, a **global standard used by the main OEMs in the world** in order to satisfy the obligations imposed on car manufacturers, and therefore on their suppliers, by national and international rules, laws and regulations.



Find out about our applications



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

TREATMENT

2 degreasings + chrome-free passivation

TOP SURFACE

TOP: 5 - 7 microns

BACK SURFACE

BACK COAT: 5 - 7 microns

Coating used: compliant with RoHS Directive

Technical Features

TEST	VALUE	REFERENCE STANDARD
Thickness	6 + / - 1 µm	EN 13523-1 (ECCA T1)
Gloss	> 90	EN 13523-2 (ECCA T2)
Pencil hardness	N.A.	EN 13523-4 (ECCA T4)
Adhesion on impact	N.A.	EN 13523-5 (ECCA T5)
Adhesion on forming	N.A.	EN 13523-6 (ECCA T6)
T.B. Adherence at 25° C	N.A.	EN 13523-7 (ECCA T7)
T.B. Cracking at 25° C	N.A.	EN 13523-7 (ECCA T7)
MEK	N.A.	EN 13523-11 (ECCA T11)

* according to the characteristics of the support



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