



PRE-PAINTED ALUMINUM FOR CAR LICENSE PLATES



Coating by **ZAIN ONE**



Pre-painted aluminum for car license plates

Zain One coated aluminum is the optimal material for manufacturing car license plates, offering mechanical properties and surface coatings that meet the specific requirements of each country. The strips undergo pretreatment for the application of reflective films or are decoratively painted for non-reflective license plates. Whether for regulatory or design purposes, our pre-painted aluminum guarantees high performance, reliability, and adaptability to a wide range of requirements in the automotive industry.

20⁺
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Quality Control

The Zain One facilities in Gassim, Saudi Arabia operates under a certified quality management system in compliance with ISO 9001, with ongoing enhancements to quality controls that are continuously refined and enhanced to meet the highest industry standards. These controls are implemented in line with European standards, including DIN, ASTM, BS, and ECCA.

In addition to product quality, Zain One places a strong emphasis on environmental responsibility. The company's Environmental Management System is certified according to DIN EN ISO 14001, reflecting its commitment to sustainable operations, minimizing environmental impact, and driving continuous improvement in energy efficiency and waste reduction.

Product Specifications

Aluminum Thickness	Standard 0.98 mm (Other thickness upon request)
Outside Diameter	1,800 mm maximum
Inside Diameter	400 mm minimum
Alloy	Standard AA 1200 (Other alloys upon request)
Temper	Standard H42 (Other temper upon request)
Width	In compliance with country-specific requirements and upon request
Transport Packaging	Standard wooden pallet (Other packaging upon request)



Easy Adhesion for Reflective Films

Zain Plate offers a smooth and clean base, making the surface ideal for the application of reflective and non-reflective films. This is crucial for license plates where high visibility is a requirement, especially at night or in low-light conditions.

Scalability and Versatility

Our coils are supplied in large lengths up to 2,500 meters (outside diameter approx. 1,800mm), supporting high-volume production. This scalability is essential for manufacturers producing large quantities of license plates efficiently and limited to specific regulatory requirements across different regions.

Optimized for Embossing

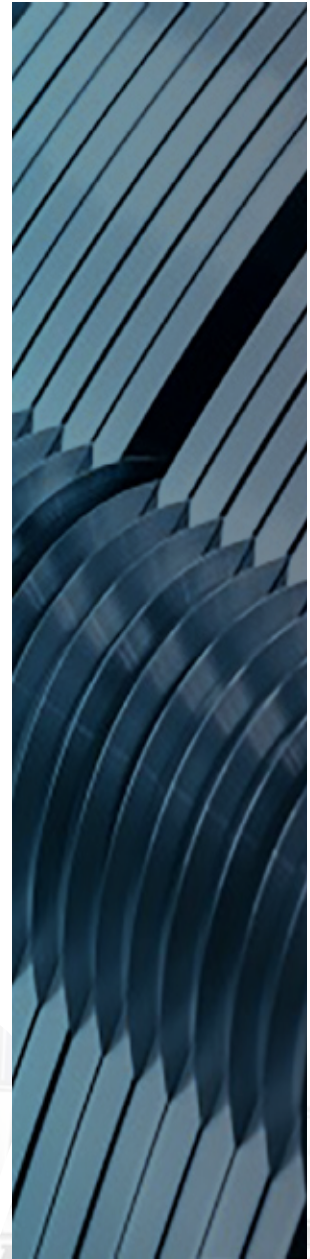
The high-quality aluminum alloy, conforming to EN 573-3 standards, ensures that the coils are ideal for embossing processes. The coating maintains its integrity even after the plates are embossed, ensuring a sharp, clear appearance.

Corrosion Resistance

Our coating provides excellent protection against corrosion, extending the lifespan of the license plates, especially in harsh environmental conditions such as extreme temperatures, humidity, and exposure to road salts.

Compliance with Standards

Our coated coils are often designed to meet various international standards, such as DIN, ASTM, and ISO. This ensures that the materials comply with the strict specifications needed for automotive license plates in different countries.



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— ISO 45001 —
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ACCREDITED LABORATORY