

MATTE & GLOSS ALUMINUM

Specifications



Laser
Engravable



Rotary
Engravable



Indoor
Use



UV
Stable



Outdoor
Weatherable



Front
Engravable

Material

- » Anodized Aluminum

Finish Available

- » Matte
- » Gloss

Sheet Size

- » 500 x 1000 mm
- » 1000 x 2000 mm

Chemical Resistance

Excellent:

- » Industrial solvents

Good:

- » Diluted caustic alkalis
- » Moderate sunlight and weathering

Engraving Method

- » Laser
- » Rotating carbide
- » Diamond scratch (drag)

Fabrication

- » Drills
- » Saw cuts
- » Screen print
- » Direct print
- » Hot stamps

Applications

- » Interior/Exterior signage
- » Legend Plates/Industrial tags
- » Control Panels
- » Furniture Industry
- » Consumer Electronics
- » Aviation Industry
- » Laboratory/Surgery/Hospital
- » Automobile Industry

Characteristics

- » Matte or Gloss finish
- » Uniform surface
- » High surface hardness
- » Excellent wear resistance

About Anodizing

The process of anodizing is more environmentally friendly than other metal finishing processes. Anodizing products do not contain heavy metals, halogens or volatiles (with the exception of organic or integral color anodizing). The most common anodizing effluents are: aluminum sulfate and aluminum hydroxide, which are recycled for the manufacture of aluminum, baking powder, newsprint, cosmetics or fertilizer or used by industrial wastewater treatment systems.

The hardness of Aluminum is about 8-9 on the MOHS scale of mineral hardness (i.e. between quartz and Ceramic), yet it is also brittle. Please note: the sheet can be bent; however, hairline cracks will emerge in and around the bent area due to the hard exterior surface.

Surface Finish

Anodized Aluminum™ is anodized and two-sided. The primary "first" surface is masked for protection and controlled against imperfections. The "secondary" surface, which is not controlled, may experience some minor imperfections or abrasions from production and shipping if not handled with necessary care.

MATTE

Colored anodized aluminum substrates from Rowmark are known for extraordinary durability in industrial nameplate and label applications.

Aluminum quality and appearance is perfectly suited for applications such as control panels, plaques, signage, specialty photography, and more.



Matte Gold Matte Champagne Matte Natural



Matte Bronze Matte Dark Brown Matte Black

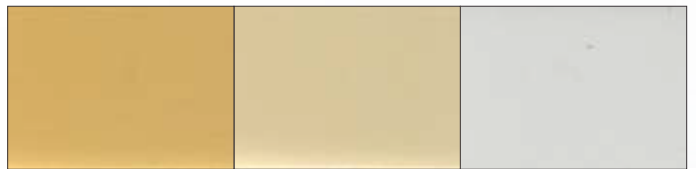


Matte Red Matte Blue Matte Green

Matte Availability	0.5	1.0	1.5	2.0	2.5	3.0	4.0
Natural	●	●	●	●	●	●	●
Champagne	●	●	●	●	●	●	●
Gold	●	●	●	●	●	●	●
Bronze	●	●	●	●	●	●	●
Dark Brown	●	●	●	●	●	●	●
Black	●	●	●	●	●	●	●
Red	●	●	●	●	●	●	●
Green	●	●	●	●	●	●	●
Blue	●	●	●	●	●	●	●

GLOSS

Aluminum is readily available in nine rich finishes in both a gloss and matte version, in many popular sheet thicknesses and sizes.



Gloss Gold Gloss Champagne Gloss Natural



Gloss Bronze Gloss Dark Brown Gloss Black



Gloss Red Gloss Blue Gloss Green

Gloss Availability	0.5	1.0	1.5	2.0
Natural	●	●	●	●
Champagne	●	●	●	●
Gold	●	●	●	●
Bronze	●	●	●	●
Dark Brown	●	●	●	●
Black	●	●	●	●
Red	●	●	●	●
Green	●	●	●	●
Blue	●	●	●	●