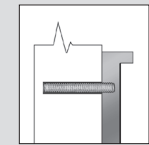
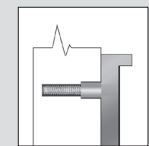


Mounting Methods

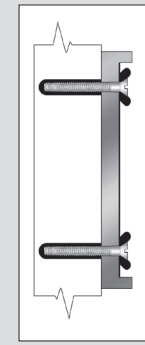


Drilled & Tapped



Welded Bosses

(Type A) Blind Mount: Threaded rods screw into back of plaque or boss and inserted into cement-filled holes.



(Type B) Solid Wall Mount: Machine screws through optional rosettes into cement-filled holes.



(Type C) Hollow Wall Mount: Installation using toggle bolts with rosettes for hollow or drywall mount.



(Type D) Wood Mount: Installation into wood surfaces using wood screws and optional rosettes.



(Type E) Stake Mount: Machine screws going through 3/8" thick black anodized stakes into back of plaque



(Type F) Post Mount: Black enamel coated steel square posts attach to back of the plaque with machine screws.

Rosettes

Rosettes are decorative covers used to cover the screw heads in each corner for bronze and aluminum plaques when holes are drilled all the way through the surface. Rosettes are available in 1/2", 3/4", 1" and 1-1/2" diameters. Bronze rosettes with highlights are oxidized; aluminum rosettes with highlights are painted to match the plaque background. Screw heads are also painted to match plaque backgrounds.

R-1



1/2", 3/4", 1" & 1-1/2"

R-2



1/2", 3/4", 1" & 1-1/2"

R-3



1" & 1-1/2"

R-4



1" & 1-1/2"

R-5



1/2", 3/4" & 1-1/2"

R-6



1" & 1-1/2"

R-7



1" & 1-1/2"

Etched Plaques

Gemini's etched plaques are made from virgin sheet stock that is always free of lead and mercury. The chemical etching process allows us to reproduce even the most complex artwork into the surface of the metal. Used in combination with Gemini's cast and architectural plaque lines, etched medallions and emblems provide the precision needed to make the perfect plaque or marker. Gemini can etch Brass, Bronze, Copper and Stainless Steel in varying gauges & dimensions — and like Gemini's architectural plaques, 8-day production is standard on every order.

Materials



Alloy 304
Optional Alloy 316



Alloy C22000



Naval Brass
60/39/1
Copper/Zinc/Tin



Alloy C11000

Recessed vs. Raised

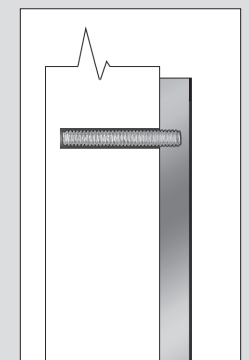


The standard on all Gemini Etched Plaques is recessed text and graphics that are paint filled.

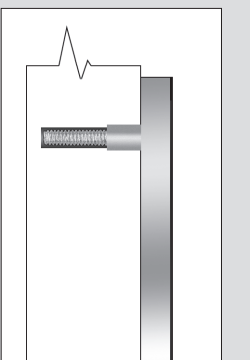


When raised text or graphics is specified, the background will be painted, leaving the text or graphics in the alloy color.

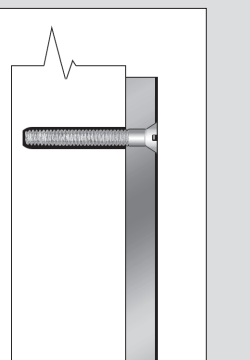
Etched Mounting Methods



Stud Mount: All plaques 1/4" thick and thicker are drilled and tapped.



Stud Boss Mount: Stud bosses can be welded to the backs of 1/8" & 3/16" thick plaques.

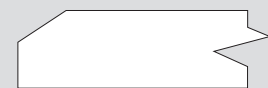


Screw Mount: Holes are drilled through the surface of the plaque.

Edges



Straight Edge: The standard edge on all etched plaques is a straight (90°) edge.

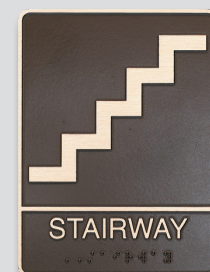


Bevel Edge: A bevel edge can be applied to half the material thickness. (Not available on 1/16" thick material.)

ADA Metal Plaques

Gemini ADA directional signage offers beauty, style and compliance. Solid aluminum, bronze and brass ADA-compliant plaques from Gemini are available in 6" x 8" x .25" standard size with a stipple or sand background. Gemini can also provide customization in background, color and design so you can make your ADA signage work with your location, not stick out from it.

Unlike other ADA-compliant products, Gemini's patent-pending process does not use loose beads for the Braille component or rely on imperfect, non-compliant castings. Like our plaques, they're perfect every time.



Gemini can provide customization in both color and design.

Copy and Borders

All copy (standard lettering and Grade 2 Braille) and border is raised from the background. Lettering is raised .05" while Braille is raised .031". The symbols depicted on ADA signs meet Department of Transportation standards.

Borders on standard ADA signs are 1/8" wide raised single line with radius corners. Other border styles and corners are available on custom ADA signs.



Plaques, Markers & Etchings Specifications Booklet

Submission Data Form

Project Name:	Material:
Typestyle:	Sizes:
Finish/Color:	Submitted By:
Other Info:	Date:
Phone:	

For More Information on Architectural Identification Contact:

geminiplaques.com



Specify GEMINI for Lead-Free Materials With a Lifetime Guarantee.

Architectural Plaques

Gemini has become THE source for metal plaques because we manufacture only plaques that are pure metal through and through to your specifications. Whether the plaques are Architectural, Etched or those meeting ADA specifications, Gemini can manufacture a plaque to your specifications in just 8 working days after approval of your artwork with NO rush charge — and NO hassles!

Gemini plaques represent quality that will last for several lifetimes. To accomplish this we use a variety of methods to manufacture our plaques — all using virgin materials of the highest alloys. Whether lead- and mercury-free bronze, high-grade aluminum or lead-free brass — Gemini has the metal plaques you need to make a lasting impression. And, as with all our products, Gemini metal plaques come with a LIFETIME GUARANTEE.

Materials



Alloy 5052



Alloy 220 Commercial

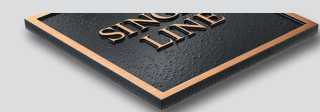


Alloy C46400

Standard Bevels & Edges



No Border



Single Line



Double Line



Single Line Bevel



Single Line Wide Bevel



Large Return

Textures



Leatherette



Stipple



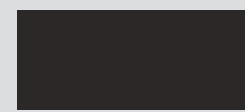
Sand

Background Colors

Shown are 4 standard painted colors. 41 additional colors are available along with custom color matching capabilities.



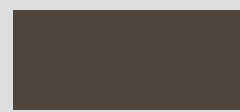
Black



Dark Oxide



Brown



Duranodic Bronze

Specialty Background & Surface Finishes

We also offer specialty finishes that provide a classic look. Available in bronze only, they include 3 Patina background finishes and 2 Oxidized surface finishes.



Green Patina



Turquoise Patina



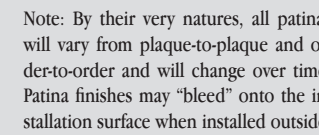
Verde Patina



Dark Oxidized



Light Oxidized



Polished Surface Finishes

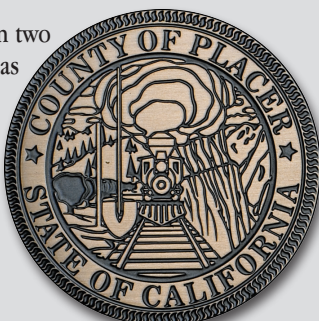


Note: Aluminum will not have a mirror polish, but a bright reflective finish.



Emblems & Logos

Gemini has the capability to add a custom emblem or logo to your plaque in two different ways. The first way is to make the plaque with the emblem/logo as part of the piece. Detail is somewhat limited by the manufacturing process. The other method is to have the emblem/logo etched on a separate piece of metal and then attached to the plaque. This process has nearly no detail restrictions. However, additional charges will apply.



Portrait Options

Gemini has several options available to honor or memorialize that special person. Send us the photo and choose from one of the following three options:



Original Photograph



Bas Relief

We start with a photograph. Although we can use almost any quality photograph, a good rule of thumb is that the better the image the better the modeling effort. Remember, the finished image will be an artist's interpretation of this photograph. An image of this clay model is sent to you via e-mail for your approval. When approved, the clay model is used for the bronze casting process. While the clay model is a monotone, the finished bronze casting contains highlights. The overall height of our bas-relief pieces is around 6" to 9" with a finished depth of 1/2" to 1". These bas-relief plaques will last hundreds of years.

Etched

Gemini's etching process allows you to forever replicate your favorite photograph, line drawing or complex artwork. This method utilizes a halftone dot pattern made from a 50-line screen. Halftone portraits resemble newspaper photographs, and have visible dot patterns. The etched, recessed dots are black infilled to contrast with the satin finished metal background. The best photographs for halftone-etched portraits have high contrast tones with bright white areas, dense black areas and minimal grey tones. Photos that are monotone or have muted colors will produce poor halftone etchings. Halftone etchings are not available in aluminum. An etched plaque will last indefinitely indoors and, depending on the climate conditions, may be readable for 10 years or more outdoors.

Photo Insert

Gemini's photo inserts use a standard-sized ceramic blank as its base. A photograph is scanned at high resolution and a digital transfer is produced and applied to the blank. A clear glaze is applied over this transfer, and the insert is fired in a kiln. The resulting product will be an exact color (or black & white) permanent reproduction on a ceramic base. It is estimated that this process will last as many as 50 years outdoors and will remain sharp and clear indefinitely if displayed indoors.



Typestyles

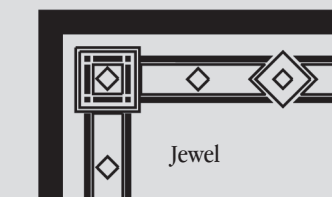
Below are some of the most common typestyles seen on plaques today. You can choose from these or any standard typestyle.

Times New Roman
Arial
Lucida Calligraphy

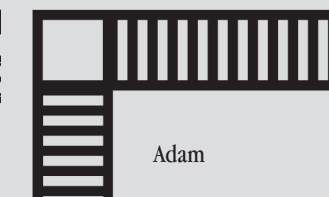
Helvetica
Bookman Old Style
Optima

Custom Borders

Many others also available.



Jewel



Adam



Greek Key

Bronze & Aluminum Military Seals

Gemini has the capability to produce any official insignia in either bronze or aluminum. Available sizes include 10", 12", 14", 16", 18", 24", 30", 36" and 40" diameters.

Official armed forces insignia are produced in solid bronze or aluminum with blind mount screw holes (Studs included).

Choose from Army, Navy, Air Force, Marines, Coast Guard, Canadian Forces and Merchant Marines.

